

# ELECTRIFY YOUR ELECTORATE: ADELAIDE

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Adelaide alone, residents spend \$255 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Adelaide are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN ADELAIDE

Switching to an electric car will save Adelaide drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Adelaide will see an estimated:

- **33,277 new electric cars** on the road; and
- **\$330 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

1. The Guardian. (2023, February 24). *Car pollution kills more Australians than crashes do, new research finds*. Retrieved from <https://www.theguardian.com/australia-news/2023/feb/24/car-pollution-kills-more-australians-than-crashes-do-new-research-finds>.

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3. "Electric vehicle price parity by 2027," WhichCar, accessed March 17, 2023, <https://www.whichcar.com.au/car-news/electric-vehicle-price-parity-by-2027>.

4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **BALLARAT**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Ballarat alone, residents spend \$250 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Ballarat are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN BALLARAT

Switching to an electric car will save Ballarat drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Ballarat will see an estimated:

- **30,644 new electric cars** on the road; and
- **\$306 million in savings** on petrol – regardless of whether their next car is petrol or electric.



© Greenpeace / Isabella Moore



© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **BARTON**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Barton alone, residents spend \$197 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Barton are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN BARTON

Switching to an electric car will save Barton drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Barton will see an estimated:

- **24,912 new electric cars** on the road; and
- **\$248 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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3. "Electric vehicle price parity by 2027," WhichCar, accessed March 17, 2023, <https://www.whichcar.com.au/car-news/electric-vehicle-price-parity-by-2027>.

4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **BEAN**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Bean alone, residents spend \$247 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Bean are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN BEAN

Switching to an electric car will save Bean drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Bean will see an estimated:

- **29,263 new electric cars** on the road; and
- **\$294 million in savings** on petrol – regardless of whether their next car is petrol or electric.



© Greenpeace / Isabella Moore



© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping ground for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

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# ELECTRIFY YOUR ELECTORATE: BENDIGO

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Bendigo alone, residents spend \$252 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Bendigo are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN BENDIGO

Switching to an electric car will save Bendigo drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Bendigo will see an estimated:

- **30,908 new electric cars** on the road; and
- **\$309 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Lynley Hamblen

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Lynley, Marketing Manager, Wollongong



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### How does a fuel efficiency standard work?

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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

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Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

1. The Guardian. (2023, February 24). *Car pollution kills more Australians than crashes do, new research finds*. Retrieved from <https://www.theguardian.com/australia-news/2023/feb/24/car-pollution-kills-more-australians-than-crashes-do-new-research-finds>.

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3. "Electric vehicle price parity by 2027," WhichCar, accessed March 17, 2023, <https://www.whichcar.com.au/car-news/electric-vehicle-price-parity-by-2027>.

4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: BENNELONG

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Bennelong alone, residents spend \$227 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Bennelong are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN BENNELONG

Switching to an electric car will save Bennelong drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Bennelong will see an estimated:

- **28,785 new electric cars** on the road; and
- **\$287 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **BLAIR**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Blair alone, residents spend \$278 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Blair are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN BLAIR

Switching to an electric car will save Blair drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Blair will see an estimated:

- **34,886 new electric cars** on the road; and
- **\$348 million in savings** on petrol – regardless of whether their next car is petrol or electric.



© Greenpeace / Isabella Moore



© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **BLAXLAND**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Blaxland alone, residents spend \$193 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Blaxland are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN BLAXLAND

Switching to an electric car will save Blaxland drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Blaxland will see an estimated:

- **24,372 new electric cars** on the road; and
- **\$243 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **BOOTHBY**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Boothby alone, residents spend \$254 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Boothby are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN BOOTHBY

Switching to an electric car will save Boothby drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Boothby will see an estimated:

- **33,118 new electric cars** on the road; and
- **\$329 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: BRAND

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Brand alone, residents spend \$255 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Brand are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN BRAND

Switching to an electric car will save Brand drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Brand will see an estimated:

- **33,033 new electric cars** on the road; and
- **\$328 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping ground for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

1. The Guardian. (2023, February 24). *Car pollution kills more Australians than crashes do, new research finds*. Retrieved from <https://www.theguardian.com/australia-news/2023/feb/24/car-pollution-kills-more-australians-than-crashes-do-new-research-finds>.

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3. "Electric vehicle price parity by 2027," WhichCar, accessed March 17, 2023, <https://www.whichcar.com.au/car-news/electric-vehicle-price-parity-by-2027>.

4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: BRISBANE

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Brisbane alone, residents spend \$239 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Brisbane are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN BRISBANE

Switching to an electric car will save Brisbane drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Brisbane will see an estimated:

- **30,022 new electric cars** on the road; and
- **\$299 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: BRUCE

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Bruce alone, residents spend \$254 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Bruce are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN BRUCE

Switching to an electric car will save Bruce drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Bruce will see an estimated:

- **31,192 new electric cars** on the road; and
- **\$312 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **BURT**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Burt alone, residents spend \$254 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Burt are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN BURT

Switching to an electric car will save Burt drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Burt will see an estimated:

- **32,903 new electric cars** on the road; and
- **\$327 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: CALWELL

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Calwell alone, residents spend \$242 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Calwell are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN CALWELL

Switching to an electric car will save Calwell drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Calwell will see an estimated:

- **29,656 new electric cars** on the road; and
- **\$296 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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# ELECTRIFY YOUR ELECTORATE: **CANBERRA**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Canberra alone, residents spend \$206 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Canberra are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN CANBERRA

Switching to an electric car will save Canberra drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Canberra will see an estimated:

- **24,392 new electric cars** on the road; and
- **\$245 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **CHIFLEY**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Chifley alone, residents spend \$228 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Chifley are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN CHIFLEY

Switching to an electric car will save Chifley drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Chifley will see an estimated:

- **28,794 new electric cars** on the road; and
- **\$287 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: CHISHOLM

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Chisholm alone, residents spend \$252 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Chisholm are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN CHISHOLM

Switching to an electric car will save Chisholm drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Chisholm will see an estimated:

- **30,878 new electric cars** on the road; and
- **\$309 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: CLARK

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Clark alone, residents spend \$165 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Clark are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN CLARK

Switching to an electric car will save Clark drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Clark will see an estimated:

- **20,125 new electric cars** on the road; and
- **\$201 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: COOPER

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Cooper alone, residents spend \$205 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Cooper are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN COOPER

Switching to an electric car will save Cooper drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Cooper will see an estimated:

- **25,119 new electric cars** on the road; and
- **\$251 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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# ELECTRIFY YOUR ELECTORATE: CORANGAMITE

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Corangamite alone, residents spend \$246 million annually on petrol,** making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Corangamite are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN CORANGAMITE

Switching to an electric car will save Corangamite drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Corangamite will see an estimated:

- **30,221 new electric cars** on the road; and
- **\$302 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: CORIO

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Corio alone, residents spend \$241 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Corio are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN CORIO

Switching to an electric car will save Corio drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Corio will see an estimated:

- **29,618 new electric cars** on the road; and
- **\$296 million in savings** on petrol – regardless of whether their next car is petrol or electric.



© Greenpeace / Isabella Moore



© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: COWAN

The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Cowan alone, residents spend \$263 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Cowan are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

## COST SAVINGS FROM ELECTRIFYING CARS IN COWAN

Switching to an electric car will save Cowan drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Cowan will see an estimated:

- **33,985 new electric cars** on the road; and
- **\$338 million in savings** on petrol – regardless of whether their next car is petrol or electric.



© Greenpeace / Isabella Moore



© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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# ELECTRIFY YOUR ELECTORATE: CUNNINGHAM

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Cunningham alone, residents spend \$230 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Cunningham are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN CUNNINGHAM

Switching to an electric car will save Cunningham drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Cunningham will see an estimated:

- **29,107 new electric cars** on the road; and
- **\$290 million in savings** on petrol – regardless of whether their next car is petrol or electric.



© Greenpeace / Isabella Moore



© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: CURTIN

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Curtin alone, residents spend \$247 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Curtin are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN CURTIN

Switching to an electric car will save Curtin drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Curtin will see an estimated:

- **31,977 new electric cars** on the road; and
- **\$318 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

1. The Guardian. (2023, February 24). *Car pollution kills more Australians than crashes do, new research finds*. Retrieved from <https://www.theguardian.com/australia-news/2023/feb/24/car-pollution-kills-more-australians-than-crashes-do-new-research-finds>.

2. The Driven. (2023, February 15). *World-first study shows how EVs cut pollution levels and reduce costly health problems*. Retrieved from <https://thedriven.io/2023/02/15/world-first-study-shows-how-evs-cut-pollution-levels-and-reduce-costly-health-problems/>.

3. "Electric vehicle price parity by 2027," WhichCar, accessed March 17, 2023, <https://www.whichcar.com.au/car-news/electric-vehicle-price-parity-by-2027>.

4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: DOBELL

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Dobell alone, residents spend \$238 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Dobell are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN DOBELL

Switching to an electric car will save Dobell drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Dobell will see an estimated:

- **30,133 new electric cars** on the road; and
- **\$300 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **DUNKLEY**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Dunkley alone, residents spend \$245 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Dunkley are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN DUNKLEY

Switching to an electric car will save Dunkley drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Dunkley will see an estimated:

- **30,120 new electric cars** on the road; and
- **\$301 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: EDEN-MONARO

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Eden-Monaro alone, residents spend \$262 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Eden-Monaro are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN EDEN-MONARO

Switching to an electric car will save Eden-Monaro drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Eden-Monaro will see an estimated:

- **33,115 new electric cars** on the road; and
- **\$330 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: FENNER

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Fenner alone, residents spend \$238 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Fenner are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN FENNER

Switching to an electric car will save Fenner drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Fenner will see an estimated:

- **28,167 new electric cars** on the road; and
- **\$283 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: FOWLER

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Fowler alone, residents spend \$193 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Fowler are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN FOWLER

Switching to an electric car will save Fowler drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Fowler will see an estimated:

- **24,463 new electric cars** on the road; and
- **\$244 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **FRANKLIN**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Franklin alone, residents spend \$186 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Franklin are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN FRANKLIN

Switching to an electric car will save Franklin drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Franklin will see an estimated:

- **22,723 new electric cars** on the road; and
- **\$227 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: FRASER

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Fraser alone, residents spend \$219 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Fraser are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN FRASER

Switching to an electric car will save Fraser drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Fraser will see an estimated:

- **26,929 new electric cars** on the road; and
- **\$269 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **FREMANTLE**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Fremantle alone, residents spend \$247 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Fremantle are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN FREMANTLE

Switching to an electric car will save Fremantle drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Fremantle will see an estimated:

- **31,889 new electric cars** on the road; and
- **\$317 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
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7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

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# ELECTRIFY YOUR ELECTORATE: GELLIBRAND

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Gellibrand alone, residents spend \$251 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Gellibrand are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN GELLIBRAND

Switching to an electric car will save Gellibrand drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Gellibrand will see an estimated:

- **30,762 new electric cars** on the road; and
- **\$307 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

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# ELECTRIFY YOUR ELECTORATE: GILMORE

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Gilmore alone, residents spend \$256 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Gilmore are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN GILMORE

Switching to an electric car will save Gilmore drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Gilmore will see an estimated:

- **32,438 new electric cars** on the road; and
- **\$323 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

1. The Guardian. (2023, February 24). *Car pollution kills more Australians than crashes do, new research finds*. Retrieved from <https://www.theguardian.com/australia-news/2023/feb/24/car-pollution-kills-more-australians-than-crashes-do-new-research-finds>.

2. The Driven. (2023, February 15). *World-first study shows how EVs cut pollution levels and reduce costly health problems*. Retrieved from <https://thedriven.io/2023/02/15/world-first-study-shows-how-evs-cut-pollution-levels-and-reduce-costly-health-problems/>.

3. "Electric vehicle price parity by 2027," WhichCar, accessed March 17, 2023, <https://www.whichcar.com.au/car-news/electric-vehicle-price-parity-by-2027>.

4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **GOLDSTEIN**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Goldstein alone, residents spend \$225 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Goldstein are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN GOLDSTEIN

Switching to an electric car will save Goldstein drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Goldstein will see an estimated:

- **27,635 new electric cars** on the road; and
- **\$276 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

1. The Guardian. (2023, February 24). *Car pollution kills more Australians than crashes do, new research finds*. Retrieved from <https://www.theguardian.com/australia-news/2023/feb/24/car-pollution-kills-more-australians-than-crashes-do-new-research-finds>.

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3. "Electric vehicle price parity by 2027," WhichCar, accessed March 17, 2023, <https://www.whichcar.com.au/car-news/electric-vehicle-price-parity-by-2027>.

4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: GORTON

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Gorton alone, residents spend \$249 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Gorton are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN GORTON

Switching to an electric car will save Gorton drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Gorton will see an estimated:

- **30,503 new electric cars** on the road; and
- **\$305 million in savings** on petrol – regardless of whether their next car is petrol or electric.



© Greenpeace / Isabella Moore



© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

1. The Guardian. (2023, February 24). *Car pollution kills more Australians than crashes do, new research finds*. Retrieved from <https://www.theguardian.com/australia-news/2023/feb/24/car-pollution-kills-more-australians-than-crashes-do-new-research-finds>.

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3. "Electric vehicle price parity by 2027," WhichCar, accessed March 17, 2023, <https://www.whichcar.com.au/car-news/electric-vehicle-price-parity-by-2027>.

4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: GRAYNDLER

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Grayndler alone, residents spend \$164 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Grayndler are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN GRAYNDLER

Switching to an electric car will save Grayndler drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Grayndler will see an estimated:

- **20,743 new electric cars** on the road; and
- **\$206 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: GREENWAY

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Greenway alone, residents spend \$246 million annually on petrol,** making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Greenway are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN GREENWAY

Switching to an electric car will save Greenway drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Greenway will see an estimated:

- **31,185 new electric cars** on the road; and
- **\$311 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: GRIFFITH

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Griffith alone, residents spend \$240 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Griffith are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN GRIFFITH

Switching to an electric car will save Griffith drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Griffith will see an estimated:

- **30,091 new electric cars** on the road; and
- **\$300 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: HASLUCK

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Hasluck alone, residents spend \$265 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Hasluck are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN HASLUCK

Switching to an electric car will save Hasluck drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Hasluck will see an estimated:

- **34,248 new electric cars** on the road; and
- **\$340 million in savings** on petrol – regardless of whether their next car is petrol or electric.



© Greenpeace / Isabella Moore



© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: HAWKE

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Hawke alone, residents spend \$249 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Hawke are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN HAWKE

Switching to an electric car will save Hawke drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Hawke will see an estimated:

- **30,599 new electric cars** on the road; and
- **\$306 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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# ELECTRIFY YOUR ELECTORATE: HIGGINS

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Higgins alone, residents spend \$210 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Higgins are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN HIGGINS

Switching to an electric car will save Higgins drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Higgins will see an estimated:

- **25,744 new electric cars** on the road; and
- **\$257 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: HINDMARSH

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Hindmarsh alone, residents spend \$252 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Hindmarsh are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN HINDMARSH

Switching to an electric car will save Hindmarsh drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Hindmarsh will see an estimated:

- **32,884 new electric cars** on the road; and
- **\$326 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

1. The Guardian. (2023, February 24). *Car pollution kills more Australians than crashes do, new research finds*. Retrieved from <https://www.theguardian.com/australia-news/2023/feb/24/car-pollution-kills-more-australians-than-crashes-do-new-research-finds>.

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **HOLT**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Holt alone, residents spend \$258 million annually on petrol,** making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Holt are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN HOLT

Switching to an electric car will save Holt drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Holt will see an estimated:

- **31,713 new electric cars** on the road; and
- **\$317 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: HOTHAM

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Hotham alone, residents spend \$259 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Hotham are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN HOTHAM

Switching to an electric car will save Hotham drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Hotham will see an estimated:

- **31,793 new electric cars** on the road; and
- **\$318 million in savings** on petrol – regardless of whether their next car is petrol or electric.



© Greenpeace / Isabella Moore



© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: HUNTER

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Hunter alone, residents spend \$270 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Hunter are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN HUNTER

Switching to an electric car will save Hunter drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Hunter will see an estimated:

- **34,116 new electric cars** on the road; and
- **\$340 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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# ELECTRIFY YOUR ELECTORATE: **INDI**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Indi alone, residents spend \$267 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Indi are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN INDI

Switching to an electric car will save Indi drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Indi will see an estimated:

- **32,800 new electric cars** on the road; and
- **\$328 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: ISAACS

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Isaacs alone, residents spend \$238 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Isaacs are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN ISAACS

Switching to an electric car will save Isaacs drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Isaacs will see an estimated:

- **29,269 new electric cars** on the road; and
- **\$293 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: JAGAJAGA

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Jagajaga alone, residents spend \$241 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Jagajaga are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN JAGAJAGA

Switching to an electric car will save Jagajaga drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Jagajaga will see an estimated:

- **29,607 new electric cars** on the road; and
- **\$296 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **KENNEDY**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Kennedy alone, residents spend \$244 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Kennedy are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN KENNEDY

Switching to an electric car will save Kennedy drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Kennedy will see an estimated:

- **30,585 new electric cars** on the road; and
- **\$305 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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# ELECTRIFY YOUR ELECTORATE: **KINGSFORD SMITH**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Kingsford Smith alone, residents spend \$204 million annually on petrol,** making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Kingsford Smith are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN KINGSFORD SMITH

Switching to an electric car will save Kingsford Smith drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Kingsford Smith will see an estimated:

- **25,819 new electric cars** on the road; and
- **\$257 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: KINGSTON

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Kingston alone, residents spend \$251 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Kingston are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN KINGSTON

Switching to an electric car will save Kingston drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Kingston will see an estimated:

- **32,737 new electric cars** on the road; and
- **\$325 million in savings** on petrol – regardless of whether their next car is petrol or electric.



© Greenpeace / Isabella Moore



© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

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Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
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# ELECTRIFY YOUR ELECTORATE: KOOYONG

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Kooyong alone, residents spend \$231 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Kooyong are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN KOOYONG

Switching to an electric car will save Kooyong drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Kooyong will see an estimated:

- **28,325 new electric cars** on the road; and
- **\$283 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

1. The Guardian. (2023, February 24). *Car pollution kills more Australians than crashes do, new research finds*. Retrieved from <https://www.theguardian.com/australia-news/2023/feb/24/car-pollution-kills-more-australians-than-crashes-do-new-research-finds>.

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3. "Electric vehicle price parity by 2027," WhichCar, accessed March 17, 2023, <https://www.whichcar.com.au/car-news/electric-vehicle-price-parity-by-2027>.

4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: LALOR

The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Lalor alone, residents spend \$259 million annually on petrol,** making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Lalor are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

## COST SAVINGS FROM ELECTRIFYING CARS IN LALOR

Switching to an electric car will save Lalor drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Lalor will see an estimated:

- **31,785 new electric cars** on the road; and
- **\$318 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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3. "Electric vehicle price parity by 2027," WhichCar, accessed March 17, 2023, <https://www.whichcar.com.au/car-news/electric-vehicle-price-parity-by-2027>.

4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: LILLEY

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Lilley alone, residents spend \$232 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Lilley are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN LILLEY

Switching to an electric car will save Lilley drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Lilley will see an estimated:

- **29,165 new electric cars** on the road; and
- **\$291 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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3. "Electric vehicle price parity by 2027," WhichCar, accessed March 17, 2023, <https://www.whichcar.com.au/car-news/electric-vehicle-price-parity-by-2027>.

4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: LINGIARI

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Lingiari alone, residents spend \$122 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Lingiari are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN LINGIARI

Switching to an electric car will save Lingiari drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Lingiari will see an estimated:

- **14,569 new electric cars** on the road; and
- **\$146 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: LYONS

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Lyons alone, residents spend \$204 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Lyons are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN LYONS

Switching to an electric car will save Lyons drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Lyons will see an estimated:

- **24,856 new electric cars** on the road; and
- **\$249 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: **MACARTHUR**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Macarthur alone, residents spend \$265 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Macarthur are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN MACARTHUR

Switching to an electric car will save Macarthur drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Macarthur will see an estimated:

- **33,467 new electric cars** on the road; and
- **\$333 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: MACKELLAR

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Mackellar alone, residents spend \$225 million annually on petrol,** making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Mackellar are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN MACKELLAR

Switching to an electric car will save Mackellar drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Mackellar will see an estimated:

- **28,426 new electric cars** on the road; and
- **\$283 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **MACNAMARA**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Macnamara alone, residents spend \$203 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Macnamara are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN MACNAMARA

Switching to an electric car will save Macnamara drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Macnamara will see an estimated:

- **24,893 new electric cars** on the road; and
- **\$249 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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# ELECTRIFY YOUR ELECTORATE: **MACQUARIE**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Macquarie alone, residents spend \$229 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Macquarie are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN MACQUARIE

Switching to an electric car will save Macquarie drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Macquarie will see an estimated:

- **28,958 new electric cars** on the road; and
- **\$288 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: MAKIN

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Makin alone, residents spend \$253 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Makin are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN MAKIN

Switching to an electric car will save Makin drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Makin will see an estimated:

- **32,963 new electric cars** on the road; and
- **\$327 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

1. The Guardian. (2023, February 24). *Car pollution kills more Australians than crashes do, new research finds*. Retrieved from <https://www.theguardian.com/australia-news/2023/feb/24/car-pollution-kills-more-australians-than-crashes-do-new-research-finds>.

2. The Driven. (2023, February 15). *World-first study shows how EVs cut pollution levels and reduce costly health problems*. Retrieved from <https://thedriven.io/2023/02/15/world-first-study-shows-how-evs-cut-pollution-levels-and-reduce-costly-health-problems/>.

3. "Electric vehicle price parity by 2027," WhichCar, accessed March 17, 2023, <https://www.whichcar.com.au/car-news/electric-vehicle-price-parity-by-2027>.

4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **MARIBYRNONG**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Maribyrnong alone, residents spend \$216 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Maribyrnong are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN MARIBYRNONG

Switching to an electric car will save Maribyrnong drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Maribyrnong will see an estimated:

- **26,533 new electric cars** on the road; and
- **\$265 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

1. The Guardian. (2023, February 24). *Car pollution kills more Australians than crashes do, new research finds*. Retrieved from <https://www.theguardian.com/australia-news/2023/feb/24/car-pollution-kills-more-australians-than-crashes-do-new-research-finds>.

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3. "Electric vehicle price parity by 2027," WhichCar, accessed March 17, 2023, <https://www.whichcar.com.au/car-news/electric-vehicle-price-parity-by-2027>.

4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **MAYO**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Mayo alone, residents spend \$283 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Mayo are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN MAYO

Switching to an electric car will save Mayo drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Mayo will see an estimated:

- **36,838 new electric cars** on the road; and
- **\$366 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: MCEWEN

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In McEwen alone, residents spend \$256 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of McEwen are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN MCEWEN

Switching to an electric car will save McEwen drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in McEwen will see an estimated:

- **31,425 new electric cars** on the road; and
- **\$314 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **MCMAHON**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In McMahon alone, residents spend \$210 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of McMahon are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN MCMAHON

Switching to an electric car will save McMahon drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in McMahon will see an estimated:

- **26,533 new electric cars** on the road; and
- **\$264 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: MELBOURNE

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Melbourne alone, residents spend \$173 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Melbourne are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN MELBOURNE

Switching to an electric car will save Melbourne drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Melbourne will see an estimated:

- **21,281 new electric cars** on the road; and
- **\$213 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

1. The Guardian. (2023, February 24). *Car pollution kills more Australians than crashes do, new research finds*. Retrieved from <https://www.theguardian.com/australia-news/2023/feb/24/car-pollution-kills-more-australians-than-crashes-do-new-research-finds>.

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3. "Electric vehicle price parity by 2027," WhichCar, accessed March 17, 2023, <https://www.whichcar.com.au/car-news/electric-vehicle-price-parity-by-2027>.

4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: MORETON

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Moreton alone, residents spend \$228 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Moreton are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN MORETON

Switching to an electric car will save Moreton drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Moreton will see an estimated:

- **28,607 new electric cars** on the road; and
- **\$285 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **NEWCASTLE**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Newcastle alone, residents spend \$239 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Newcastle are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN NEWCASTLE

Switching to an electric car will save Newcastle drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Newcastle will see an estimated:

- **30,273 new electric cars** on the road; and
- **\$302 million in savings** on petrol – regardless of whether their next car is petrol or electric.



© Greenpeace / Isabella Moore



© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **NORTH SYDNEY**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In North Sydney alone, residents spend \$196 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of North Sydney are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN NORTH SYDNEY

Switching to an electric car will save North Sydney drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in North Sydney will see an estimated:

- **24,802 new electric cars** on the road; and
- **\$247 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: OXLEY

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Oxley alone, residents spend \$247 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Oxley are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN OXLEY

Switching to an electric car will save Oxley drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Oxley will see an estimated:

- **31,071 new electric cars** on the road; and
- **\$310 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

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# ELECTRIFY YOUR ELECTORATE: PARRAMATTA

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Parramatta alone, residents spend \$213 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Parramatta are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN PARRAMATTA

Switching to an electric car will save Parramatta drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Parramatta will see an estimated:

- **26,906 new electric cars** on the road; and
- **\$268 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

1. The Guardian. (2023, February 24). *Car pollution kills more Australians than crashes do, new research finds*. Retrieved from <https://www.theguardian.com/australia-news/2023/feb/24/car-pollution-kills-more-australians-than-crashes-do-new-research-finds>.

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: PATERSON

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Paterson alone, residents spend \$271 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Paterson are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN PATERSON

Switching to an electric car will save Paterson drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Paterson will see an estimated:

- **34,242 new electric cars** on the road; and
- **\$341 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: PEARCE

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Pearce alone, residents spend \$253 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Pearce are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN PEARCE

Switching to an electric car will save Pearce drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Pearce will see an estimated:

- **32,736 new electric cars** on the road; and
- **\$325 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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# ELECTRIFY YOUR ELECTORATE: PERTH

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Perth alone, residents spend \$249 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Perth are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN PERTH

Switching to an electric car will save Perth drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Perth will see an estimated:

- **32,238 new electric cars** on the road; and
- **\$320 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: RANKIN

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Rankin alone, residents spend \$247 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Rankin are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN RANKIN

Switching to an electric car will save Rankin drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Rankin will see an estimated:

- **30,978 new electric cars** on the road; and
- **\$309 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: REID

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Reid alone, residents spend \$228 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Reid are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN REID

Switching to an electric car will save Reid drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Reid will see an estimated:

- **28,809 new electric cars** on the road; and
- **\$287 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: RICHMOND

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Richmond alone, residents spend \$248 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Richmond are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN RICHMOND

Switching to an electric car will save Richmond drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Richmond will see an estimated:

- **31,421 new electric cars** on the road; and
- **\$313 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: ROBERTSON

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Robertson alone, residents spend \$222 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Robertson are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN ROBERTSON

Switching to an electric car will save Robertson drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Robertson will see an estimated:

- **28,088 new electric cars** on the road; and
- **\$280 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: RYAN

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Ryan alone, residents spend \$226 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Ryan are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN RYAN

Switching to an electric car will save Ryan drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Ryan will see an estimated:

- **28,432 new electric cars** on the road; and
- **\$283 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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# ELECTRIFY YOUR ELECTORATE: SCULLIN

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Scullin alone, residents spend \$239 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Scullin are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN SCULLIN

Switching to an electric car will save Scullin drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Scullin will see an estimated:

- **29,356 new electric cars** on the road; and
- **\$293 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

1. The Guardian. (2023, February 24). *Car pollution kills more Australians than crashes do, new research finds*. Retrieved from <https://www.theguardian.com/australia-news/2023/feb/24/car-pollution-kills-more-australians-than-crashes-do-new-research-finds>.

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3. "Electric vehicle price parity by 2027," WhichCar, accessed March 17, 2023, <https://www.whichcar.com.au/car-news/electric-vehicle-price-parity-by-2027>.

4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **SHORTLAND**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Shortland alone, residents spend \$235 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Shortland are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN SHORTLAND

Switching to an electric car will save Shortland drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Shortland will see an estimated:

- **29,765 new electric cars** on the road; and
- **\$296 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: SOLOMON

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Solomon alone, residents spend \$156 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Solomon are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN SOLOMON

Switching to an electric car will save Solomon drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Solomon will see an estimated:

- **18,644 new electric cars** on the road; and
- **\$187 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: SPENCE

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Spence alone, residents spend \$251 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Spence are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN SPENCE

Switching to an electric car will save Spence drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Spence will see an estimated:

- **32,672 new electric cars** on the road; and
- **\$324 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: SWAN

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Swan alone, residents spend \$270 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Swan are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN SWAN

Switching to an electric car will save Swan drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Swan will see an estimated:

- **34,915 new electric cars** on the road; and
- **\$347 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: SYDNEY

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Sydney alone, residents spend \$159 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Sydney are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN SYDNEY

Switching to an electric car will save Sydney drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Sydney will see an estimated:

- **20,193 new electric cars** on the road; and
- **\$201 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

1. The Guardian. (2023, February 24). *Car pollution kills more Australians than crashes do, new research finds*. Retrieved from <https://www.theguardian.com/australia-news/2023/feb/24/car-pollution-kills-more-australians-than-crashes-do-new-research-finds>.

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3. "Electric vehicle price parity by 2027," WhichCar, accessed March 17, 2023, <https://www.whichcar.com.au/car-news/electric-vehicle-price-parity-by-2027>.

4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: TANGNEY

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Tangney alone, residents spend \$269 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Tangney are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN TANGNEY

Switching to an electric car will save Tangney drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Tangney will see an estimated:

- **34,753 new electric cars** on the road; and
- **\$345 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **WARRINGAH**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Warringah alone, residents spend \$197 million annually on petrol,** making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Warringah are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN WARRINGAH

Switching to an electric car will save Warringah drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Warringah will see an estimated:

- **24,913 new electric cars** on the road; and
- **\$248 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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**"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"**

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

**"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"**

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

**"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"**

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **WATSON**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Watson alone, residents spend \$194 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Watson are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN WATSON

Switching to an electric car will save Watson drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Watson will see an estimated:

- **24,522 new electric cars** on the road; and
- **\$244 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: WENTWORTH

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Wentworth alone, residents spend \$165 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Wentworth are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN WENTWORTH

Switching to an electric car will save Wentworth drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Wentworth will see an estimated:

- **20,874 new electric cars** on the road; and
- **\$208 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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3. "Electric vehicle price parity by 2027," WhichCar, accessed March 17, 2023, <https://www.whichcar.com.au/car-news/electric-vehicle-price-parity-by-2027>.

4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: WERRIWA

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Werriwa alone, residents spend \$241 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Werriwa are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN WERRIWA

Switching to an electric car will save Werriwa drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Werriwa will see an estimated:

- **30,515 new electric cars** on the road; and
- **\$304 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **WHITLAM**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Whitlam alone, residents spend \$257 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Whitlam are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN WHITLAM

Switching to an electric car will save Whitlam drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Whitlam will see an estimated:

- **32,510 new electric cars** on the road; and
- **\$324 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **WILLS**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Wills alone, residents spend \$200 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Wills are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN WILLS

Switching to an electric car will save Wills drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Wills will see an estimated:

- **24,592 new electric cars** on the road; and
- **\$246 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR STATE: **NEW SOUTH WALES**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In New South Wales alone, residents spend \$10.7 billion annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of New South Wales are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN NEW SOUTH WALES

Switching to an electric car will save New South Wales drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in New South Wales will see an estimated:

- **1.4 million new electric cars** on the road; and
- **\$13.5 billion in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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# ELECTRIFY YOUR STATE: VICTORIA

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Victoria alone, residents spend \$9.4 billion annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Victoria are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN VICTORIA

Switching to an electric car will save Victoria drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Victoria will see an estimated:

- **1.2 million new electric cars** on the road; and
- **\$11.6 billion in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

1. The Guardian. (2023, February 24). *Car pollution kills more Australians than crashes do, new research finds*. Retrieved from <https://www.theguardian.com/australia-news/2023/feb/24/car-pollution-kills-more-australians-than-crashes-do-new-research-finds>.

2. The Driven. (2023, February 15). *World-first study shows how EVs cut pollution levels and reduce costly health problems*. Retrieved from <https://thedriven.io/2023/02/15/world-first-study-shows-how-evs-cut-pollution-levels-and-reduce-costly-health-problems/>.

3. "Electric vehicle price parity by 2027," WhichCar, accessed March 17, 2023, <https://www.whichcar.com.au/car-news/electric-vehicle-price-parity-by-2027>.

4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR STATE: QUEENSLAND

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Queensland alone, residents spend \$7.5 billion annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Queensland are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN QUEENSLAND

Switching to an electric car will save Queensland drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Queensland will see an estimated:

- **941,487 new electric cars** on the road; and
- **\$9.4 billion in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR STATE: SOUTH AUSTRALIA

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In South Australia alone, residents spend \$2.6 billion annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of South Australia are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN SOUTH AUSTRALIA

Switching to an electric car will save South Australia drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in South Australia will see an estimated:

- **340,412 new electric cars** on the road; and
- **\$3.3 billion in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR STATE: WESTERN AUSTRALIA

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Western Australia alone, residents spend \$3.8 billion annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Western Australia are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN WESTERN AUSTRALIA

Switching to an electric car will save Western Australia drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Western Australia will see an estimated:

- **497,245 new electric cars** on the road; and
- **\$4.9 billion in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR STATE: TASMANIA

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Tasmania alone, residents spend \$924 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Tasmania are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN TASMANIA

Switching to an electric car will save Tasmania drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Tasmania will see an estimated:

- **112,407 new electric cars** on the road; and
- **\$1.1 billion in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# LET'S ELECTRIFY: THE AUSTRALIAN CAPITAL TERRITORY

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In the Australian Capital Territory alone, residents spend \$692 million annually on petrol,** making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and residents of the Australian Capital Territory are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN THE AUSTRALIAN CAPITAL TERRITORY

Switching to an electric car will save Australian Capital Territory drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in the Australian Capital Territory will see an estimated:

- **81,823 new electric cars** on the road; and
- **\$822 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# LET'S ELECTRIFY: THE NORTHERN TERRITORY

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In the Northern Territory alone, residents spend \$279 million annually on petrol,** making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and residents of the Northern Territory are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN THE NORTHERN TERRITORY

Switching to an electric car will save Northern Territory drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in the Northern Territory will see an estimated:

- **33,213 new electric cars** on the road; and
- **\$333 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **BANKS**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Banks alone, residents spend \$199 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Banks are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN BANKS

Switching to an electric car will save Banks drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Banks will see an estimated:

- **25,188 new electric cars** on the road; and
- **\$251 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **BARKER**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Barker alone, residents spend \$281 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Barker are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN BARKER

Switching to an electric car will save Barker drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Barker will see an estimated:

- **36,511 new electric cars** on the road; and
- **\$363 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

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# ELECTRIFY YOUR ELECTORATE: **BASS**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Bass alone, residents spend \$182 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Bass are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN BASS

Switching to an electric car will save Bass drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Bass will see an estimated:

- **22,073 new electric cars** on the road; and
- **\$221 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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### What does a strong fuel efficiency standard look like?

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#### Ambition

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# ELECTRIFY YOUR ELECTORATE: BEROWRA

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Berowra alone, residents spend \$216 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Berowra are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN BEROWRA

Switching to an electric car will save Berowra drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Berowra will see an estimated:

- **27,329 new electric cars** on the road; and
- **\$273 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping ground for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: **BONNER**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Bonner alone, residents spend \$238 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Bonner are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN BONNER

Switching to an electric car will save Bonner drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Bonner will see an estimated:

- **29,778 new electric cars** on the road; and
- **\$297 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient – and zero emissions electric – vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars – many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations – for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **BOWMAN**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Bowman alone, residents spend \$252 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Bowman are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN BOWMAN

Switching to an electric car will save Bowman drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Bowman will see an estimated:

- **31,625 new electric cars** on the road; and
- **\$316 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping ground for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: BRADDON

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Braddon alone, residents spend \$186 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Braddon are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN BRADDON

Switching to an electric car will save Braddon drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Braddon will see an estimated:

- **22,631 new electric cars** on the road; and
- **\$227 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

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5. Save Australian motorists money overall by reducing petrol bills
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# ELECTRIFY YOUR ELECTORATE: **BRADFIELD**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Bradfield alone, residents spend \$214 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Bradfield are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN BRADFIELD

Switching to an electric car will save Bradfield drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Bradfield will see an estimated:

- **27,039 new electric cars** on the road; and
- **\$270 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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### How does a fuel efficiency standard work?

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### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: CALARE

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Calare alone, residents spend \$260 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Calare are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN CALARE

Switching to an electric car will save Calare drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Calare will see an estimated:

- **32,791 new electric cars** on the road; and
- **\$327 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: **CANNING**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Canning alone, residents spend \$247 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Canning are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN CANNING

Switching to an electric car will save Canning drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Canning will see an estimated:

- **31,826 new electric cars** on the road; and
- **\$317 million in savings** on petrol – regardless of whether their next car is petrol or electric.



© Greenpeace / Isabella Moore



© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping ground for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: CAPRICORNIA

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Capricornia alone, residents spend \$234 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Capricornia are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN CAPRICORNIA

Switching to an electric car will save Capricornia drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Capricornia will see an estimated:

- **29,328 new electric cars** on the road; and
- **\$293 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping ground for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: CASEY

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Casey alone, residents spend \$267 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Casey are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN CASEY

Switching to an electric car will save Casey drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Casey will see an estimated:

- **32,672 new electric cars** on the road; and
- **\$327 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
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# ELECTRIFY YOUR ELECTORATE: COWPER

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Cowper alone, residents spend \$252 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Cowper are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN COWPER

Switching to an electric car will save Cowper drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Cowper will see an estimated:

- **31,831 new electric cars** on the road; and
- **\$318 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping ground for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **DAWSON**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Dawson alone, residents spend \$239 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Dawson are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN DAWSON

Switching to an electric car will save Dawson drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Dawson will see an estimated:

- **29,966 new electric cars** on the road; and
- **\$299 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **DEAKIN**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Deakin alone, residents spend \$252 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Deakin are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN DEAKIN

Switching to an electric car will save Deakin drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Deakin will see an estimated:

- **30,869 new electric cars** on the road; and
- **\$309 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: **DICKSON**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Dickson alone, residents spend \$250 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Dickson are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN DICKSON

Switching to an electric car will save Dickson drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Dickson will see an estimated:

- **31,299 new electric cars** on the road; and
- **\$313 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

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# ELECTRIFY YOUR ELECTORATE: DURACK

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Durack alone, residents spend \$262 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Durack are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN DURACK

Switching to an electric car will save Durack drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Durack will see an estimated:

- **33,841 new electric cars** on the road; and
- **\$337 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne





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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

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While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

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2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
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**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: FADDEN

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Fadden alone, residents spend \$288 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Fadden are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN FADDEN

Switching to an electric car will save Fadden drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Fadden will see an estimated:

- **36,132 new electric cars** on the road; and
- **\$361 million in savings** on petrol – regardless of whether their next car is petrol or electric.



© Greenpeace / Isabella Moore



© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **FAIRFAX**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Fairfax alone, residents spend \$264 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Fairfax are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN FAIRFAX

Switching to an electric car will save Fairfax drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Fairfax will see an estimated:

- **33,032 new electric cars** on the road; and
- **\$330 million in savings** on petrol – regardless of whether their next car is petrol or electric.



© Greenpeace / Isabella Moore



© Greenpeace / Bianca Vitale

**"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"**

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

**"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"**

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

**"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"**

James, Engineer, Melbourne



© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: FARRER

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Farrer alone, residents spend \$263 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Farrer are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN FARRER

Switching to an electric car will save Farrer drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Farrer will see an estimated:

- **33,190 new electric cars** on the road; and
- **\$331 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: FISHER

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Fisher alone, residents spend \$265 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Fisher are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN FISHER

Switching to an electric car will save Fisher drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Fisher will see an estimated:

- **33,263 new electric cars** on the road; and
- **\$332 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping ground for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
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# ELECTRIFY YOUR ELECTORATE: FLINDERS

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Flinders alone, residents spend \$247 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Flinders are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN FLINDERS

Switching to an electric car will save Flinders drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Flinders will see an estimated:

- **30,238 new electric cars** on the road; and
- **\$303 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

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#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
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#### Integrity

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**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: FLYNN

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Flynn alone, residents spend \$245 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Flynn are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN FLYNN

Switching to an electric car will save Flynn drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Flynn will see an estimated:

- **30,658 new electric cars** on the road; and
- **\$306 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: FORDE

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Forde alone, residents spend \$280 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Forde are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN FORDE

Switching to an electric car will save Forde drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Forde will see an estimated:

- **35,043 new electric cars** on the road; and
- **\$350 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: FORREST

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Forrest alone, residents spend \$241 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Forrest are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN FORREST

Switching to an electric car will save Forrest drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Forrest will see an estimated:

- **31,067 new electric cars** on the road; and
- **\$309 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: GIPPSLAND

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Gippsland alone, residents spend \$258 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Gippsland are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN GIPPSLAND

Switching to an electric car will save Gippsland drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Gippsland will see an estimated:

- **31,569 new electric cars** on the road; and
- **\$316 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
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**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: GREY

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Grey alone, residents spend \$267 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Grey are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN GREY

Switching to an electric car will save Grey drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Grey will see an estimated:

- **34,711 new electric cars** on the road; and
- **\$345 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping ground for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: GROOM

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Groom alone, residents spend \$243 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Groom are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN GROOM

Switching to an electric car will save Groom drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Groom will see an estimated:

- **30,436 new electric cars** on the road; and
- **\$304 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: HERBERT

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Herbert alone, residents spend \$235 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Herbert are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN HERBERT

Switching to an electric car will save Herbert drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Herbert will see an estimated:

- **29,423 new electric cars** on the road; and
- **\$294 million in savings** on petrol – regardless of whether their next car is petrol or electric.



© Greenpeace / Isabella Moore



© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: HINKLER

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Hinkler alone, residents spend \$237 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Hinkler are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN HINKLER

Switching to an electric car will save Hinkler drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Hinkler will see an estimated:

- **29,757 new electric cars** on the road; and
- **\$297 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping ground for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
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# ELECTRIFY YOUR ELECTORATE: HUGHES

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Hughes alone, residents spend \$217 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Hughes are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN HUGHES

Switching to an electric car will save Hughes drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Hughes will see an estimated:

- **27,464 new electric cars** on the road; and
- **\$274 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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James, Engineer, Melbourne



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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

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# ELECTRIFY YOUR ELECTORATE: HUME

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Hume alone, residents spend \$274 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Hume are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN HUME

Switching to an electric car will save Hume drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Hume will see an estimated:

- **34,624 new electric cars** on the road; and
- **\$345 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: LA TROBE

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In La Trobe alone, residents spend \$255 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of La Trobe are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN LA TROBE

Switching to an electric car will save La Trobe drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in La Trobe will see an estimated:

- **31,230 new electric cars** on the road; and
- **\$313 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: LEICHHARDT

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Leichhardt alone, residents spend \$228 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Leichhardt are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN LEICHHARDT

Switching to an electric car will save Leichhardt drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Leichhardt will see an estimated:

- **28,583 new electric cars** on the road; and
- **\$285 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: **LINDSAY**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Lindsay alone, residents spend \$255 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Lindsay are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN LINDSAY

Switching to an electric car will save Lindsay drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Lindsay will see an estimated:

- **32,155 new electric cars** on the road; and
- **\$321 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

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# ELECTRIFY YOUR ELECTORATE: **LONGMAN**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Longman alone, residents spend \$281 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Longman are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN LONGMAN

Switching to an electric car will save Longman drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Longman will see an estimated:

- **35,213 new electric cars** on the road; and
- **\$352 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

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### What does a strong fuel efficiency standard look like?

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# ELECTRIFY YOUR ELECTORATE: LYNE

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Lyne alone, residents spend \$252 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Lyne are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN LYNE

Switching to an electric car will save Lyne drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Lyne will see an estimated:

- **31,802 new electric cars** on the road; and
- **\$317 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping ground for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: **MALLEE**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Mallee alone, residents spend \$283 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Mallee are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN MALLEE

Switching to an electric car will save Mallee drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Mallee will see an estimated:

- **34,661 new electric cars** on the road; and
- **\$347 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **MARANOA**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Maranoa alone, residents spend \$239 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Maranoa are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN MARANOA

Switching to an electric car will save Maranoa drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Maranoa will see an estimated:

- **29,905 new electric cars** on the road; and
- **\$299 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping ground for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: MCPHERSON

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In McPherson alone, residents spend \$246 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of McPherson are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN MCPHERSON

Switching to an electric car will save McPherson drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in McPherson will see an estimated:

- **30,773 new electric cars** on the road; and
- **\$307 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping ground for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

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# ELECTRIFY YOUR ELECTORATE: MENZIES

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Menzies alone, residents spend \$257 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Menzies are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN MENZIES

Switching to an electric car will save Menzies drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Menzies will see an estimated:

- **31,464 new electric cars** on the road; and
- **\$315 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: MITCHELL

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Mitchell alone, residents spend \$256 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Mitchell are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN MITCHELL

Switching to an electric car will save Mitchell drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Mitchell will see an estimated:

- **32,329 new electric cars** on the road; and
- **\$323 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping ground for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: **MONASH**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Monash alone, residents spend \$247 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Monash are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN MONASH

Switching to an electric car will save Monash drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Monash will see an estimated:

- **30,194 new electric cars** on the road; and
- **\$302 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping ground for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: MONCRIEFF

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Moncrieff alone, residents spend \$260 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Moncrieff are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN MONCRIEFF

Switching to an electric car will save Moncrieff drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Moncrieff will see an estimated:

- **32,625 new electric cars** on the road; and
- **\$326 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
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# ELECTRIFY YOUR ELECTORATE: MOORE

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Moore alone, residents spend \$256 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Moore are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN MOORE

Switching to an electric car will save Moore drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Moore will see an estimated:

- **33,069 new electric cars** on the road; and
- **\$329 million in savings** on petrol – regardless of whether their next car is petrol or electric.



© Greenpeace / Isabella Moore



© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

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#### Ambition

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# ELECTRIFY YOUR ELECTORATE: **NEW ENGLAND**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In New England alone, residents spend \$241 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of New England are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN NEW ENGLAND

Switching to an electric car will save New England drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in New England will see an estimated:

- **30,400 new electric cars** on the road; and
- **\$303 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: NICHOLLS

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Nicholls alone, residents spend \$263 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Nicholls are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN NICHOLLS

Switching to an electric car will save Nicholls drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Nicholls will see an estimated:

- **32,253 new electric cars** on the road; and
- **\$323 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

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### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

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# ELECTRIFY YOUR ELECTORATE: O'CONNOR

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In O'Connor alone, residents spend \$269 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of O'Connor are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN O'CONNOR

Switching to an electric car will save O'Connor drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in O'Connor will see an estimated:

- **34,762 new electric cars** on the road; and
- **\$346 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: PAGE

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Page alone, residents spend \$259 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Page are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN PAGE

Switching to an electric car will save Page drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Page will see an estimated:

- **32,715 new electric cars** on the road; and
- **\$326 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping ground for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

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# ELECTRIFY YOUR ELECTORATE: **PARKES**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Parkes alone, residents spend \$222 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Parkes are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN PARKES

Switching to an electric car will save Parkes drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Parkes will see an estimated:

- **28,020 new electric cars** on the road; and
- **\$280 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

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### More affordable vehicles

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# ELECTRIFY YOUR ELECTORATE: **PETRIE**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Petrie alone, residents spend \$268 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Petrie are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN PETRIE

Switching to an electric car will save Petrie drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Petrie will see an estimated:

- **33,544 new electric cars** on the road; and
- **\$335 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



© Greenpeace / Marcus Coblyn

## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping ground for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: RIVERINA

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Riverina alone, residents spend \$247 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Riverina are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN RIVERINA

Switching to an electric car will save Riverina drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Riverina will see an estimated:

- **31,156 new electric cars** on the road; and
- **\$311 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



© Greenpeace / Marcus Coblyn

"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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4. "Myth Busting," Electric Vehicle Council, accessed March 17, 2023, <https://electricvehiclecouncil.com.au/about-ev/myth-busting/>.



# ELECTRIFY YOUR ELECTORATE: **STURT**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Sturt alone, residents spend \$267 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Sturt are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN STURT

Switching to an electric car will save Sturt drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Sturt will see an estimated:

- **34,701 new electric cars** on the road; and
- **\$345 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping ground for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

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# ELECTRIFY YOUR ELECTORATE: **WANNON**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Wannon alone, residents spend \$267 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Wannon are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN WANNON

Switching to an electric car will save Wannon drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Wannon will see an estimated:

- **32,653 new electric cars** on the road; and
- **\$327 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping ground for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
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# ELECTRIFY YOUR ELECTORATE: **WIDE BAY**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Wide Bay alone, residents spend \$243 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Wide Bay are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN WIDE BAY

Switching to an electric car will save Wide Bay drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Wide Bay will see an estimated:

- **30,417 new electric cars** on the road; and
- **\$304 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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© Greenpeace / Bianca Vitale

"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
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3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
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3. "Electric vehicle price parity by 2027," WhichCar, accessed March 17, 2023, <https://www.whichcar.com.au/car-news/electric-vehicle-price-parity-by-2027>.

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# ELECTRIFY YOUR ELECTORATE: **WRIGHT**

## The benefits of moving to electric cars, faster

Electrifying homes and businesses using technology available right now will reduce household costs and accelerate Australia's transition to zero emissions.

**In Wright alone, residents spend \$294 million annually on petrol,**

making the increased adoption of more fuel efficient and electric vehicles an urgent priority.

Right now Australia and the residents of Wright are missing out on the benefits of electric vehicles due to years of policy inaction on a fuel efficiency standard.

By increasing the use of electric vehicles we can reduce emissions, improve the health of our communities and help households save thousands of dollars a year.

### COST SAVINGS FROM ELECTRIFYING CARS IN WRIGHT

Switching to an electric car will save Wright drivers an average of:

- **\$1,550 a year** in savings on petrol
- **\$1,800 a year** if charged with home solar
- **\$300 a year** in servicing costs

If Australia adopts a fuel efficiency standard in line with New Zealand, over the next ten years residents in Wright will see an estimated:

- **36,849 new electric cars** on the road; and
- **\$368 million in savings** on petrol – regardless of whether their next car is petrol or electric.



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"One of the things that was a little bit of a surprise is how much I save. With my EV I am saving roughly per week \$350-\$400, so round that up to a year and that's a lot of money for a holiday!"

Tawyain, Rideshare Driver, Sydney



© Lynley Hamblen

"I would love to own an EV, but at the moment you just can't get the most affordable models in Australia like they have overseas. I think it's because we don't have the right incentives for car makers to bring them here. My family would benefit so much from cutting out our petrol bill and moving to an electric car - I wish the Government would think about families like us"

Lynley, Marketing Manager, Wollongong



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"One of the main benefits [of owning a EV] is the reduction in maintenance costs - everything you would have to do on a normal petrol car ...most of that is out the door! The thing that surprised me the most, as an engineer, is that regular cars have hundreds of moving parts - but my EV has an engine in the front and back, so only two moving parts"

James, Engineer, Melbourne



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## THE BENEFITS OF SHIFTING TO ELECTRIC CARS

### Cut transport emissions

Transport contributes nearly 20% of Australia's emissions and these are still continuing to grow. Ensuring all new vehicle sales are electric by 2030 or 2035 at latest is necessary if Australia is going to achieve its climate targets, including net zero by 2050.

### Cleaner air means healthier communities

Vehicle pollution in Australia leads to 11,105 premature adult deaths every year, and many thousands of hospitalisations from cardiovascular and respiratory issues, including asthma.<sup>1</sup> A recent study from California showed that even a 2% increase in electric vehicle uptake in a suburb led to a detectable decrease in air pollution and emergency department visits.<sup>2</sup>

### End Australia being a dumping ground for the world's most polluting cars

Australia sits alongside Russia as the only OECD economy without a fuel efficiency standard. This means we've become a dumping group for highly polluting cars other countries will no longer accept. Less efficient vehicles are costing Australians money, and we're stuck at the back of the queue for global electric vehicle supply.

### More affordable vehicles

Bloomberg New Energy Finance predicts electric vehicles will be equivalent in price to their petrol counterparts in 2026, and 20% cheaper by 2030.<sup>3</sup> However this is dependent on Australians having access to those cars - many of the cheaper, newer models are not for sale in this country due to a lack of a fuel efficiency standard.

### Drive investment in charging infrastructure

While 80% of EV drivers charge their vehicle at home, and on average only need to charge every 5 days, public charging infrastructure will also need to scale up in line with EV uptake. The public and private sector are already putting significant investment into charging stations - for example Ausgrid has committed to installing 30,000 pole-mounted electric vehicle chargers around Australia by 2029.<sup>4</sup>

## A FUEL EFFICIENCY STANDARD FOR AUSTRALIA

### How does a fuel efficiency standard work?

A fuel efficiency standard puts a limit on the total average emissions across all cars sold by each car manufacturer. This incentivises the development and sale of more efficient - and zero emissions electric - vehicles, to balance out the sale of more polluting vehicles. Manufacturers are then liable for fines and penalties if their vehicles don't meet the required standard. The standard improves over time, and should put Australia on a trajectory for all new car sales to be all electric by at least 2035.

### What does a strong fuel efficiency standard look like?

A strong fuel efficiency standard should have ambition, integrity and equity, and align with the following principles.

#### Ambition

1. Catch up to other major markets by 2030 at the latest, to ensure new EV supply
2. Put Australia on track to meet the Paris Agreement of limiting global warming to 1.5 degrees

#### Integrity

3. Rule out all super credits, loopholes or accounting tricks that make standards weaker than they appear
4. Make the true Co2 emissions reduction standards Australia will deliver year on year clear and transparent

#### Equity

5. Save Australian motorists money overall by reducing petrol bills
6. Send a strong market signal to manufacturers that they must prioritise low and zero emissions vehicles that suit all Australian motorists including regional and trades
7. Are accompanied by measures to reduce upfront cost and increase charging accessibility for all, especially for low income households

**Greenpeace Australia Pacific encourages the Australian government to adopt standards in line with the Clean Car Standard recently introduced in New Zealand, which includes: a steady downward trajectory in vehicle emissions towards zero, strong integrity with no use of any super credits, and complementary measures to support greater access to low income households. To ensure Australian households start gaining the much needed cost savings benefits, the standards need to commence ASAP or on 1 January 2024 at latest.**

1. The Guardian. (2023, February 24). *Car pollution kills more Australians than crashes do, new research finds*. Retrieved from <https://www.theguardian.com/australia-news/2023/feb/24/car-pollution-kills-more-australians-than-crashes-do-new-research-finds>.

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