

**Fleet Conference  
& Exhibition**

**MAY 23-24**  
ROSEHILL GARDENS  
ACECOURSE SYDNEY

AND FLEET AWARDS

# Introducing the Government's National Electric Vehicle Strategy

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MATT RYAN

BRANCH HEAD, EMISSIONS REDUCTION  
DIVISION

DEPARTMENT OF CLIMATE  
CHANGE, ENERGY, THE  
ENVIRONMENT AND WATER

# Acknowledgment of Country

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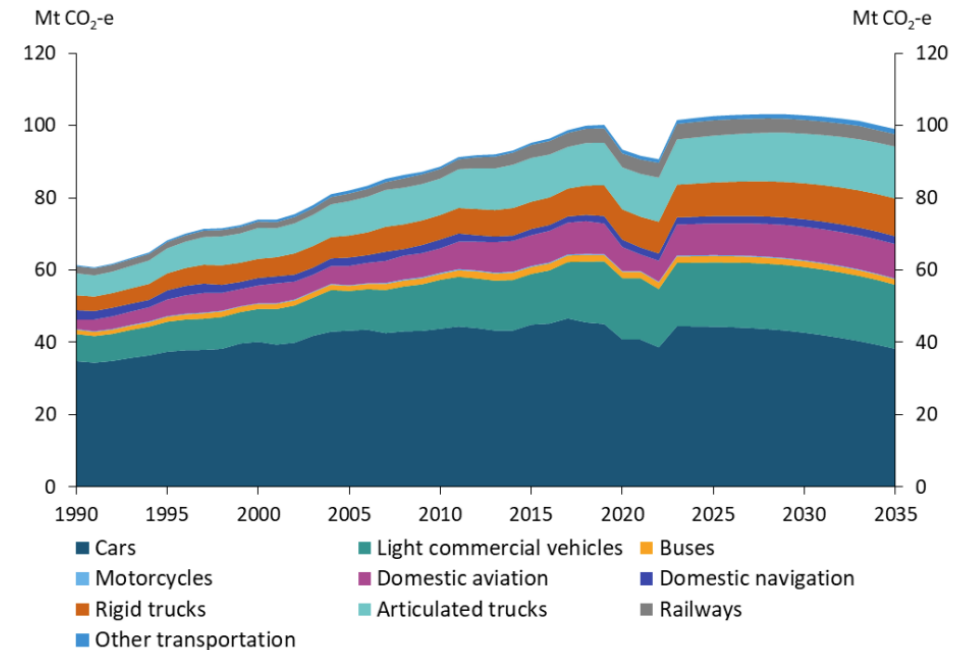
Our department recognises the First People of this nation and their ongoing connection to culture and country.

We acknowledge First Nations Peoples as the Traditional Owners, Custodians and Lore Keepers of the world's oldest living culture and pay respects to their Elders past, present and emerging.

# Transport emissions

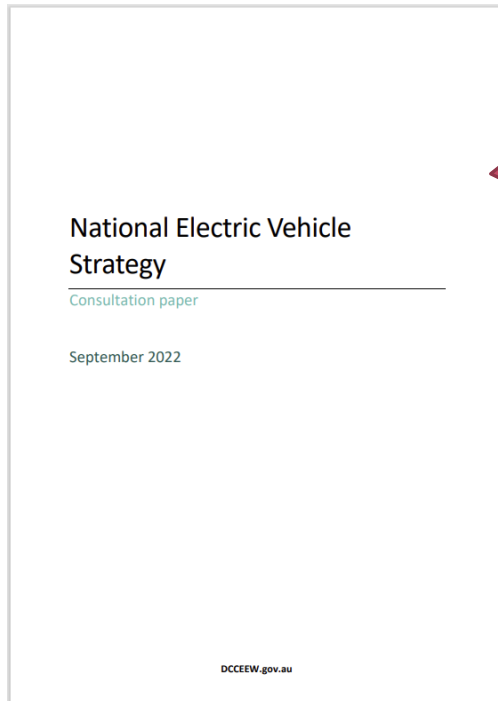
- Transport makes up 19% of Australia's emissions
- Passenger cars and light commercial vehicles contribute 60% of our transport emissions
- Transport is projected to be Australia's largest source of emissions by 2030

Figure 14 Historical and projected transport emissions in the baseline scenario, 1990 to 2035, Mt CO<sub>2</sub>-e



Source: Australia's emissions projections 2022

# Australia's *first* National Electric Vehicle Strategy



We received over 500 submissions, reflecting the views of more than 1,500 individuals and over 200 organisations

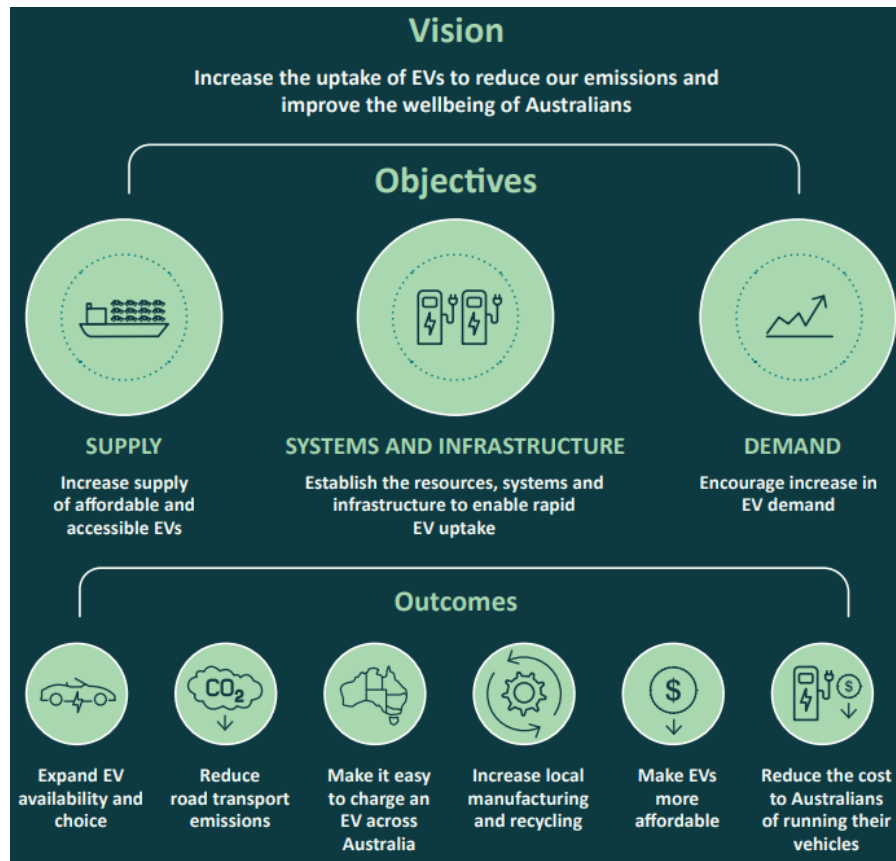
Consultation paper – released 28 September 2022  
Consultations closed 31 October 2022



Outlining the current state of play, future opportunities, and new initiatives

Australia's first National Electric Vehicle Strategy –  
released 19 April 2023

# National framework



To achieve rapid EV uptake, the Strategy provides a nationally consistent framework to make Australia a globally competitive market for EVs, with:

- better access to a broad range of affordable EV models
- targeted infrastructure to enable EV use across the nation
- new industries and jobs along the EV supply chain.

To get road transport on a pathway to Net Zero, the scale and change needed to decarbonise our transport infrastructure and supply chains - and the long lead times involved in replacing vehicle fleets - means we must act now to spur investment.

# EVs in Australia and internationally

now 6.3%  
(FYTD)

Global momentum is driving change.  
Electric vehicles account for around:



**9%**  
of global car sales



**3.8%**  
of car sales in  
Australia



**15%**  
of car sales in the  
United Kingdom



**17%**  
of car sales in the  
European Union

In Australia...



**3.8%**  
of all new cars  
purchased in 2022  
were EVs



**86%**  
increase  
from 2021



**70**  
different EV models  
**38** BEVs and **32** PHEVs



**+2,390**  
public charging  
sites



**+83,000**  
EVs now on  
our roads



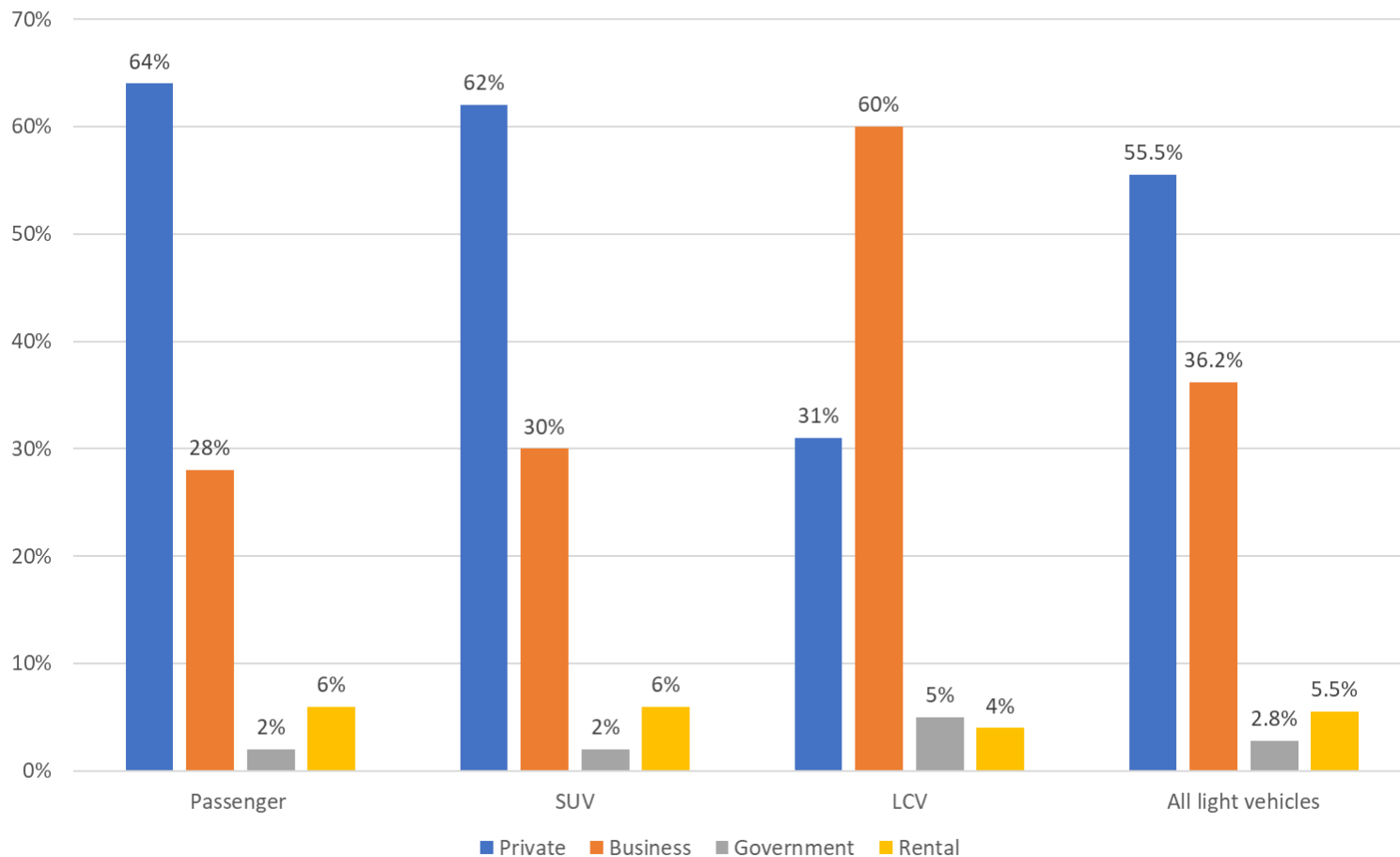
Global EV use is  
increasing

2012 120,000 sold annually

2021 120,000 sold each week

# Vehicle sales by buyer type

Vehicle sales by buyer type, year to April 2023 (FAI VFACTS)



- Across all light vehicles, fleet buyers made up 45% of sales so far this year.
- Fleet buyers contribute around 70% for light commercial vehicles.
- For passenger cars and SUVs, fleets amount to around 35% of sales

# Progress on implementation

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## Underway

- Net Zero APS - 75% low emission vehicle commonwealth fleet by 2025
- Electric Car Discount - Fringe Benefit Tax exemption for zero emission vehicles
- CEFC Green Car loans - low interest loans and novated leases
- Driving the Nation fund
  - National EV Charging Network with NRMA
  - Business Fleets
  - Innovation in Charging
  - Hydrogen Highways



# Progress on implementation

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## In design

- Commitment to introduce a mandatory light vehicle Fuel Efficiency Standard
- Action plan to deliver on areas of national collaboration with State & Territory Governments
- World-leading guidance, EV road rescue demonstrations, and fire safety training
- Tools and guidance to enable EV uptake for residents of existing multi-residential buildings
- Preparation for EV large format battery recycling, reuse and stewardship initiative
- Proof of concept national EV charging mapping tool
- Reforms to enable EV grid integration

# Ambitions for the road ahead

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We are striving for success through 6 outcomes:

1. Expand EV availability and choice
2. Reduce road transport emissions
3. Make it easy to charge and EV across Australia
4. Increase local manufacturing and recycling
5. Make EVs more affordable
6. Reduce the cost to Australians of running their vehicles

# Broader reducing transport emission plans

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*Announced 14 May*

## Transport and Infrastructure Net Zero Roadmap and Action Plan

- Heavy vehicles
- Rail
- Freight
- Maritime
- Aviation

*Announced 16 May*

## Maritime Emissions Reduction National Action Plan

- Green transition for maritime sector

# Q&A + Contact details

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National Electric Vehicle Strategy team can be contacted at:

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## Websites

The National Electric Vehicle Strategy [www.dcceew.gov.au/energy/transport/national-electric-vehicle-strategy](http://www.dcceew.gov.au/energy/transport/national-electric-vehicle-strategy)

An Australian Fuel Efficiency Standard: Cleaner cars for Australia [cleanercars.gov.au](http://cleanercars.gov.au)