

Sustainable transport solutions

To grow jobs, reduce costs and cut greenhouse gas emissions

Petra Stock

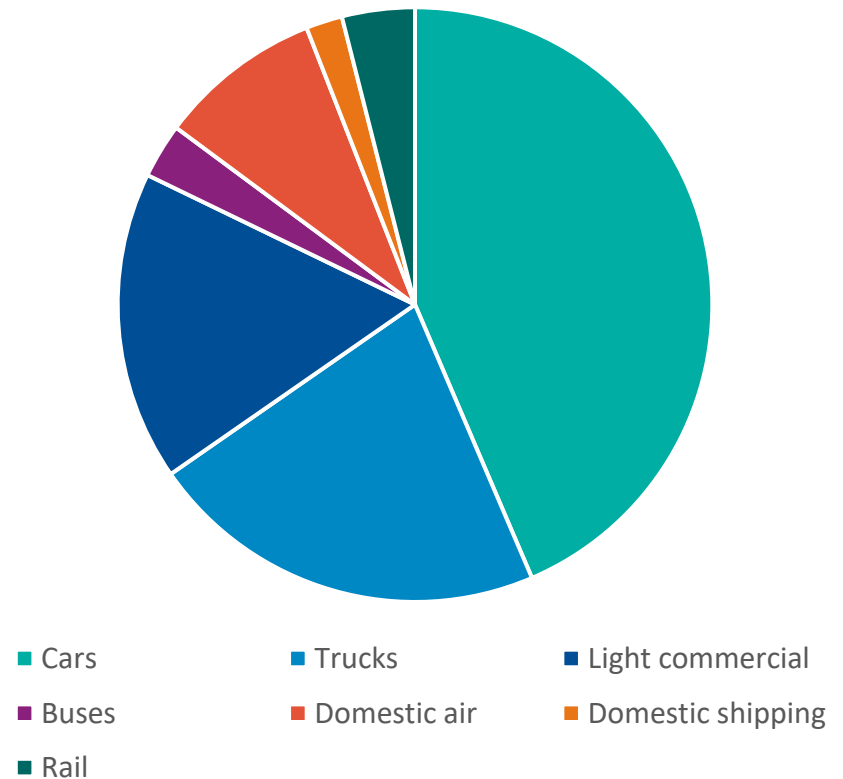


**AUSTRALIAN
CONSERVATION
FOUNDATION**

Australia's transport sector

- One of largest and fastest growing (before COVID) sources of greenhouse gas pollution.
- 19% of annual emissions, mostly due to road transport.
- Among worst in world for transport energy efficiency - behind Russia, Mexico, Indonesia
- Road vehicle fleet one of most energy- and emissions- intensive
- Highest per capita aviation emissions
- One of few OECD countries without mandatory greenhouse gas emissions standards
- Highest petrol sulfur content in OECD

Transport emissions



Source: Australian Government 2019 Australia's emissions projections

Australia risks being left behind

- United Kingdom, Europe, New Zealand investing in sustainable transport as part of COVID recovery
- More than 80% of global car market covered by mandatory greenhouse gas emissions standards
- Electric vehicles make up 0.6% of new car sales
 - 3.8% in Europe, 2.3% in New Zealand, 75% in Norway
- Sixteen countries phasing out fossil fuels
- More than 30 global cities to only buy electric or zero emissions buses from 2025

Sustainable transport solutions

- Targets and strategies to address emissions – infrastructure, land use planning, transport, climate
- Shifting network to more efficient transport options – public and active transport, electrified rail freight
- Improving vehicles – renewable powered electric vehicles, renewable fuels, mandatory emissions standards, electric vehicle targets
- Guidelines for new technologies

Benefits

- Cost
- Economic stimulus
- Job creation and access
- Healthier, quieter cities
- Congestion
- Local manufacturing

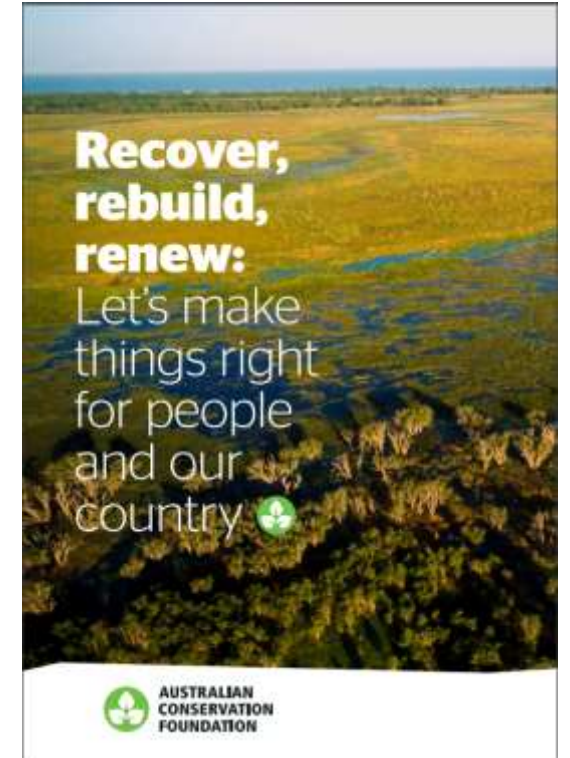
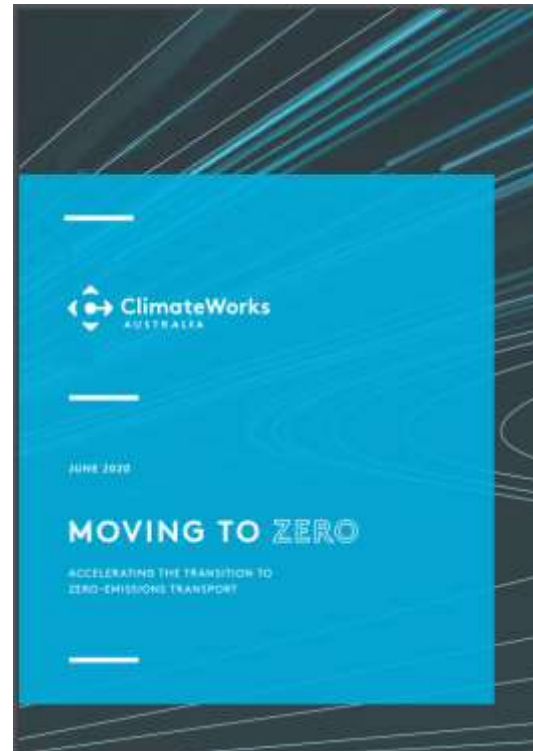
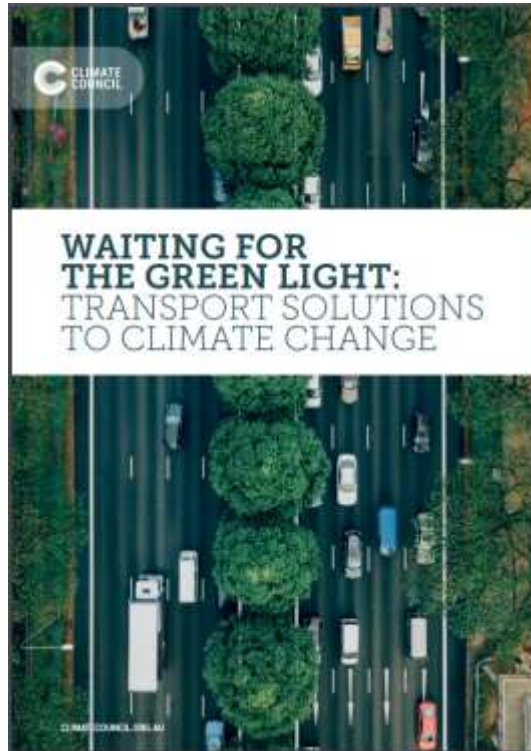


"rmit" by Flickr user Jung Moon licensed under CC BY-NC 2.0



Parliament of Australia: Electric bus manufacturing at Precision Buses, SA

Further reading





**AUSTRALIAN
CONSERVATION
FOUNDATION**