


National
Transport
Commission



Leading change™



Shifting gears – Modernising the way we use, manage & pay for roads

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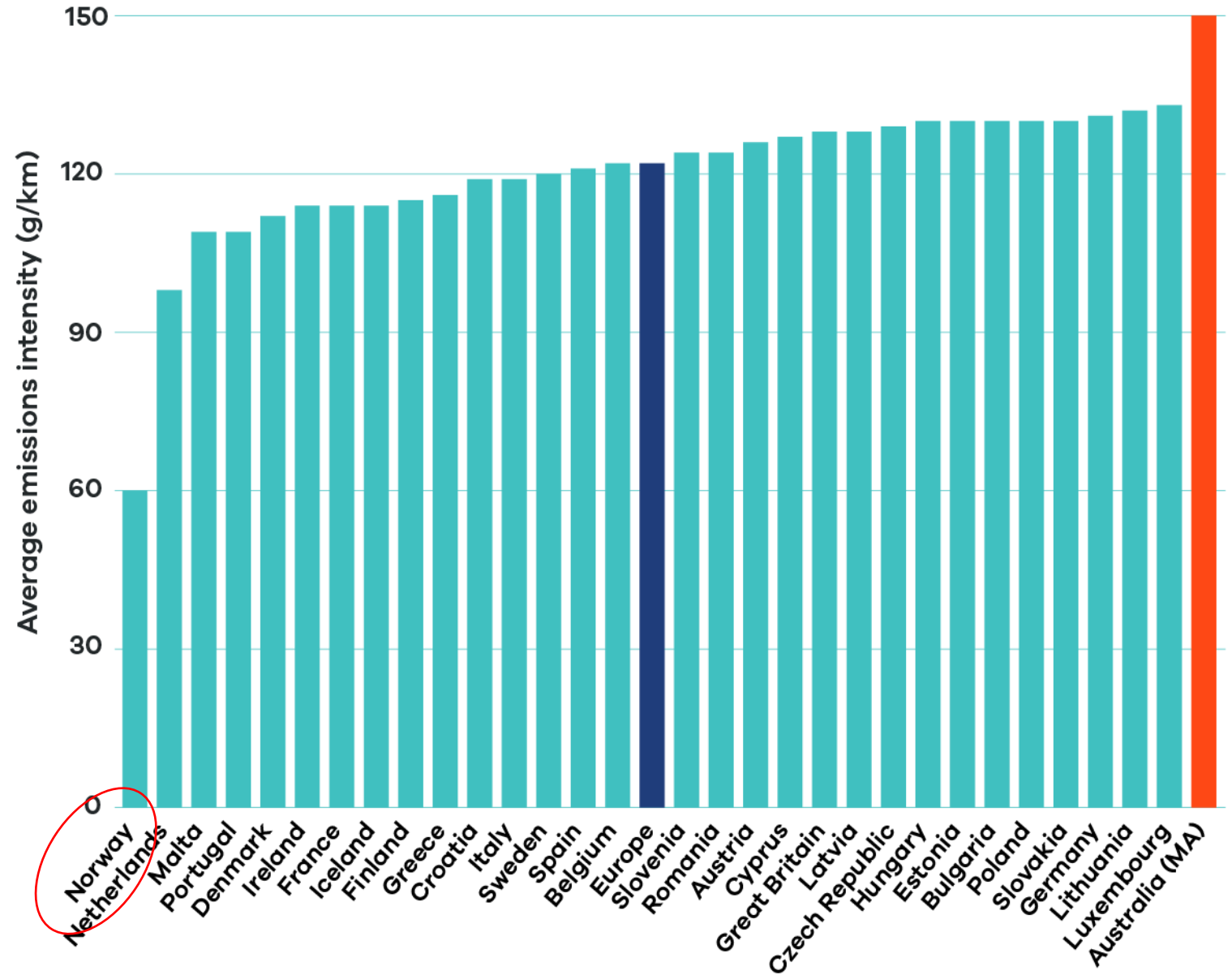
CO2 emissions intensity performance of new light vehicles sold in Australia

AUSTRALIA HAS A WAY TO GO TO CATCH NORWAY!

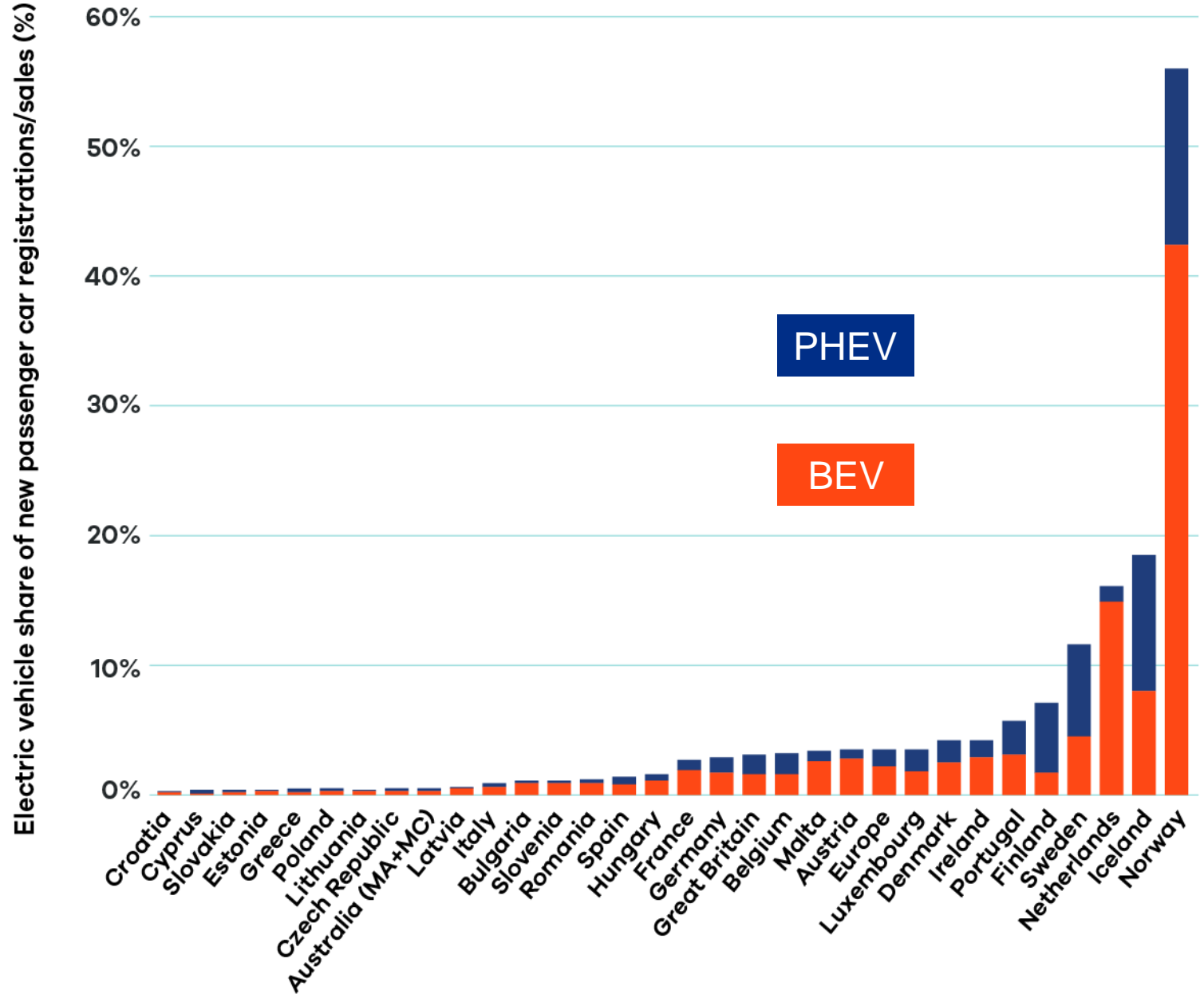
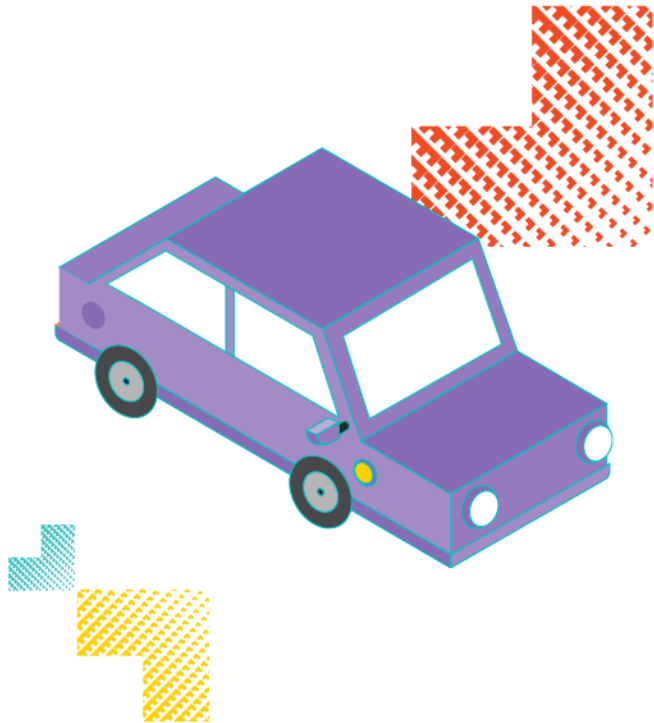
- Popularity of electric and hybrid vehicles continue to grow
- Average carbon dioxide emission intensity is reducing – slowly
- Monitor the big brands – across all vehicle types
- Buyer types leading carbon emission intensity reduction:
 - Government fleets in passenger vehicles
 - Private buyers in light commercial vehicles
- Jurisdictions are introducing climate change policies, zero net carbon emissions and renewable energy targets

Average emissions intensity of passenger vehicles, 2020 (Australia) and 2019 (Europe)

Note: The data in this graph for Australia is sourced from the FCAI's voluntary emissions standard (FCAI, 2021b), and therefore includes the impacts of air-conditioning credits and off-cycle credits.



Electric vehicle share of new passenger car registrations/sales (%), 2020 (Australia) and 2019 (Europe)



AUSTRALIA TO BE AV READY BY 2026

- End-to-end regulatory system to assure safe operation of commercially available automated vehicles in development
- Safety assurance framework at first supply is complete
- National regulatory approach to regulate in-service safety of automated vehicles – ministerial consideration in November
- AV readiness review
- On-road enforcement guidance

**End-to-end
regulatory framework
to support safe
deployment of
automated vehicles**

Heavy vehicle charges determination 2021

REVIEWING HOW HEAVY VEHICLE CHARGES ARE SET

- Determines heavy vehicle charges proportionate to road use: (annual registration charge and road use charge on diesel fuel)
- State and Territory Governments use this money to recover what they spend to maintain and improve roads for heavy vehicles
- PAYGO charging framework hasn't been reviewed in 7 years
- Challenge is to recommend an efficient and equitable set of charges to recover cost of road maintenance and construction for heavy vehicles over time, considering the impact on industry
- The NTC is currently preparing advice for ministers for their consideration to determine charges from 2022-2023 onwards

Thank you

