



National Pilot Foundation Projects

Strategic Advice

A consultant with experience in the design and implementation of similar trials internationally provided strategic advice for heavy vehicle on-road trials in Australia. Key components of this work were developed in partnership with the heavy vehicle industry.

Outcomes:

- Provide advice and plan for the implementation of the Small Scale and Large Scale On-Road Trials.
- Guidance on approaches to key issues for industry (e.g. technology considerations).
- Advice on an evaluation approach.

Alternative heavy vehicle charges and their distributional impacts

This project looked at modelling and analysing the impacts of alternative charging approaches for heavy vehicles, including a mass-distance charge (applied nationally), a mass-distance-location charge (variable by state), and mass-distance-location charges (variable by road type and based on marginal cost, as well as variable by road type and based on service level).

Outcomes:

- Improved understanding of the impact of alternative charging approaches and different geographic areas of Australia (as compared to charges paid under the current system).
- Evaluation of which of the charging structures modelled should be carried forward for testing in the small scale and larger scale on-road trials.
- Identification of the limitations of current data sources and areas for further research.

Heavy vehicle charging market research

Focus groups and surveys were undertaken to identify views and attitudes towards heavy vehicle user charging from stakeholders including heavy vehicle operators, supply chain businesses, road managers and the wider community.

Outcomes:

- Baseline information on the views and attitudes of stakeholder groups towards heavy vehicle user charging, to support evaluation of future stages.
- Recommendations for tracking changes over time, and areas for further research.
- Advice on targeting engagement and communications activities to different stakeholders based on their understanding, views, and interests.