



Australian Government

Department of Infrastructure,  
Transport, Regional Development,  
Communications and the Arts

# The National Heavy Vehicle Charging Pilot

An update on the on- road trials

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[www.infrastructure.gov.au/nationalpilot](http://www.infrastructure.gov.au/nationalpilot)

# The National Pilot – An opportunity for industry to provide input & shape policy



A voluntary trial with Australian heavy vehicle operators

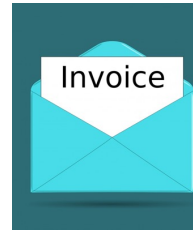


- Trialing alternative charges compared to the current PAYGO system
- Modelling alternative mass distance charging for common types of Australian heavy vehicles
- Testing feasibility of technology in generating model charge rates and mock invoices

# Timeframe for the National Pilot

## Phase 1(Complete)

Nov 2020 to April 2021



A 3 month trial that tested the industry co-designed 'mock' invoice for clarity and function.

## Phase 2(Commenced)

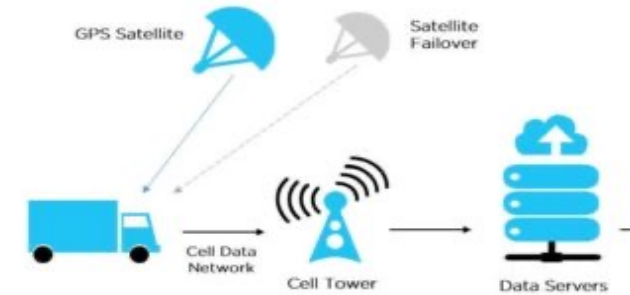
June 2022 to June 2023



A 12 month trial testing a potential alternative Road User Charge based on distance. The trial will use hubodometers installed on each vehicle component to record distance travelled and prepaid re-chargeable 'mock' permits.

## Phase 3 (sign up and preparation)

October 2022 to Nov 2023

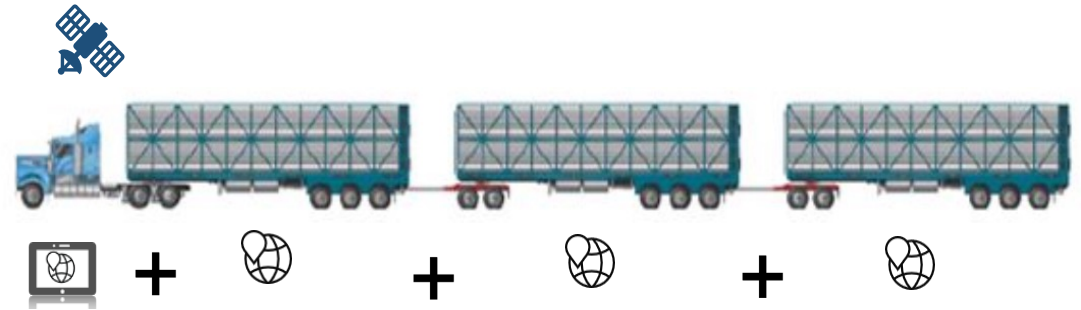


A 12 month trial testing a potential alternative Road User Charge based on mass, distance and location using Telematics. Participants will be issued with a comparative 'mock' invoice each month during the trial.

# Technologies to test example – Configuration and mass

## Detecting configuration

- How do we detect vehicles changing trailers?



## Detecting mass

- Can we detect volume/weight when a vehicle is moving?
- Can this be incorporated into an alternative mass distance charge?



# Thank you for your time today

Questions?

To get involved in either Phase 2 or Phase 3 of the on-road trials please email

[National.Pilot@infrastructure.gov.au](mailto:National.Pilot@infrastructure.gov.au)

or, fill in the contact form on our web page [www.infrastructure.gov.au/nationalpilot](http://www.infrastructure.gov.au/nationalpilot)



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# National Pilot



**Help** shape the future of heavy vehicle charging

[www.infrastructure.gov.au/nationalpilot](http://www.infrastructure.gov.au/nationalpilot)

