

National Heavy Vehicle Regulator

The Innovation of Regulation

World LPG Association
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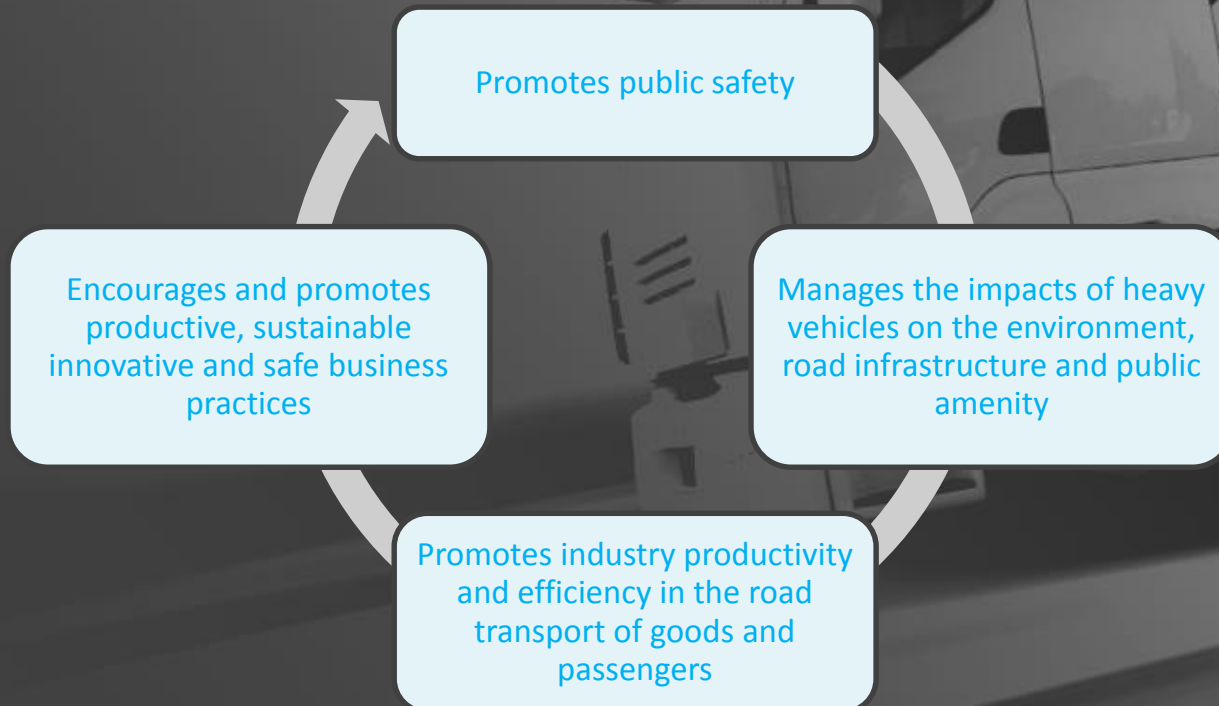
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Who is the NHVR?

The NHVR regulates all vehicles over 4.5 tonnes gross vehicle mass in a way that:



Our responsibilities...



Heavy vehicle undertake 33% of the freight task

Road freight of over 200 billion tonne-kilometres per annum

The safe and efficient movement of over 500,000 heavy vehicles

Liaise with over 400 road managers, utility providers and rail authorities for heavy vehicle access

Heavy vehicles operate on Australia's 870,000 kms of roads

The dilemma



What is innovation? Encouraging advancements in technology or services by investing in research and development activities.

- How can the NHVR promote innovation and assure itself industry is compliant?
- Regulatory compliance/ burden can be a barrier to innovation
- Compliance costs money



NHVR and innovation

Four areas that the NHVR can deliver on innovation:

- Technology
- Policy/ Processes
- Regulatory Capability
- Information

Focusing on these areas provides an opportunity for industry to innovate with less constraints.

We are investing in a research and development unit that will drive the development and adoption of innovative systems, processes, services and technologies.

Technology

There are a vast amount of safety technologies available on the market. Some will require regulation others should be voluntarily adopted by industry:

- Electronic work diaries
- Vehicle trials – Couplings / ELGAS Fuel Mix
- Autonomous vehicles

Other technologies are to be utilised to monitor industry to assist in determining assurance to the HVNL:

- NCIS
- Vehicle monitoring
- On-board Mass Management
- C-ITS / ITS



Policy/ Processes

The NHVR can develop better methods to delivery its regulatory responsibilities:

- Risked-based decision-making
- Improve decision-making processes to achieve better delivery times
- Enhance Notices and Permits that are performance based not prescriptive
- Performance Standards



Regulatory capability

- Red tape reduction
 - Heavy vehicle lifecycle
- Performance standards not prescriptive standards
- Smarter legislation – one size does not fit all



Information

- Information can be a powerful tool to assist understand and predict trends, risks and issues
- NHVR will publish information it collects - trials, research and statistics
- Industry can repurpose to facilitate innovation



Facilitate industry innovation

Industry innovation can be stimulated by:

- Designing and implementing projects and programs that allow industry to develop innovative solutions to the transport task
- Ensure legislation is capable of easy adaptation to the changing environment
- Look to other solutions outside regulation:
 - Voluntary adoption
 - Codes of practice
 - Australian Standards

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