



Advanced vehicle technologies and innovation

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Innovation and new technology

- Innovation and developments in technology normally always outpace regulation
 - Move to more performance-based requirements would make regulation more accommodating to change
 - Working with industry to identify and remove barriers
- Both have potential to deliver productivity and safety improvements



Removing barriers

- Amendments to ADR43 to extend width concession for:
 - in-direct vision devices
 - blind spot detection systems
- Liaising with vehicle OEMs to identify future technologies, barriers, develop work program to address

Managing innovation and emerging technology

Underlying principle: Is the original intent still met?

- Experimental and prototype exemption powers
- PBS Scheme
- Combining different regulatory powers



Managing innovation and emerging technology

Example: Semitrailer with two axle groups

- 30% productivity increase
- Combination of PBS exemption powers and VS exemption powers



Advanced vehicle technologies in-service

Advanced vehicle technologies pose a number of challenges for in-service regulators:

- Inspection (on-road and facility)
- Modifications
- Set up and adjustment
- Reliance on technology

Questions or further information

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