

Future of truck technology: emerging technologies and regulatory responses

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20 April 2018

The global and Australian context

- Global trends
- Transport trends
- Challenges for governments

What does the future hold for freight and logistics?

Increased levels of automation

Digital marketplaces for freight

Block chain

Last mile delivery options
(aerial drones and
3D mobility corridors)



Potential benefits of tech/data led change

- Better safety outcomes
- Improved access and mobility options
- Reduced congestion in our major cities
- Improved efficiency/productivity along key supply chains
- Better planning and decision making for industry and government



Future heavy vehicle technology



**SAFER, LARGER, BETTER
HEAVY VEHICLES ALLOWED**

Likely changes:

- increased levels of automation and connectivity
- increased access to data and near real time analytics related to vehicle and driver performance
- enhancements to stability control, braking systems, collision avoidance systems
- cleaner and more efficient propulsion systems
- better performing PBS vehicles

Regulation in an era of rapid change

- Responsive and flexible
- Performance-based
- Less prescription



Thank you

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