Outcomes from CCAT planning workshop on a proposed National Summit on Connected and Automated Transport

Proposed summit focus areas

Workshop participants were presented with five proposed themes for a national summit on connected and automated transport:

1. Future transport system outcomes and priorities, and linkages to connected and automated transport use cases
2. Roadmap for physical infrastructure to support connected and automated vehicles on public roads, rail, ports, mines, airports, defence and agriculture sectors, and sector interface issues
3. Roadmap for digital infrastructure to support connected and automated vehicles on public roads, rail, ports, mines, airports, defence and agriculture sectors, and linkages to non-transport sectors
4. Testing ecosystem to support deployment
5. People - capabilities to support connected and automated transport and public acceptance

Workshop questions

Workshop participants were asked to discuss the following questions in groups and report back.

1. What themes should a national summit on connected and automated transport infrastructure address?
2. What outcomes do you want from a national summit on connected and automated transport infrastructure? E.g.:
   - Infrastructure plan
   - Infrastructure priorities
   - Principles for infrastructure development
   - Something else?
3. What are the gaps in your sector's preparations for connected and automated transport?

Report back from participants

Workshop participants focused on themes and issues they would like the summit to address. These were:

- Safety
- Sustainability
- Productivity

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Brisbane, 24 August 2023

- Public acceptance
- Funding
- Cybersecurity
- Practical trials
- Interface between transport modes
- Urban vs regional technologies
- Supply chain resilience and productivity
- Maintenance of the physical network
- 20-year vision for digital
- Increased capacity of the network
- Standard setting and harmonisation (including harmonisation across technology and industries)
- What are the problems we are trying to solve and what are the use cases that solve them? (e.g. public transport, freight, long-haul vehicles)
- What countries Australia should follow
- Leveraging lessons learned

Stakeholders also noted:

- We need to be clear about what connected and automated transport is
- We need to be clear about what we want from government at the summit
- We need to be clear about the roles of government and industry in the summit
- Alignment is needed between governments
- We should distinguish between community and sector needs
- Long-term planning is challenging when related to fast-changing technology
- The imperative for the summit is data