

NATIONAL

**future
transport**

SUMMIT

**Stakeholder Briefing
Tuesday 16 April 2024**



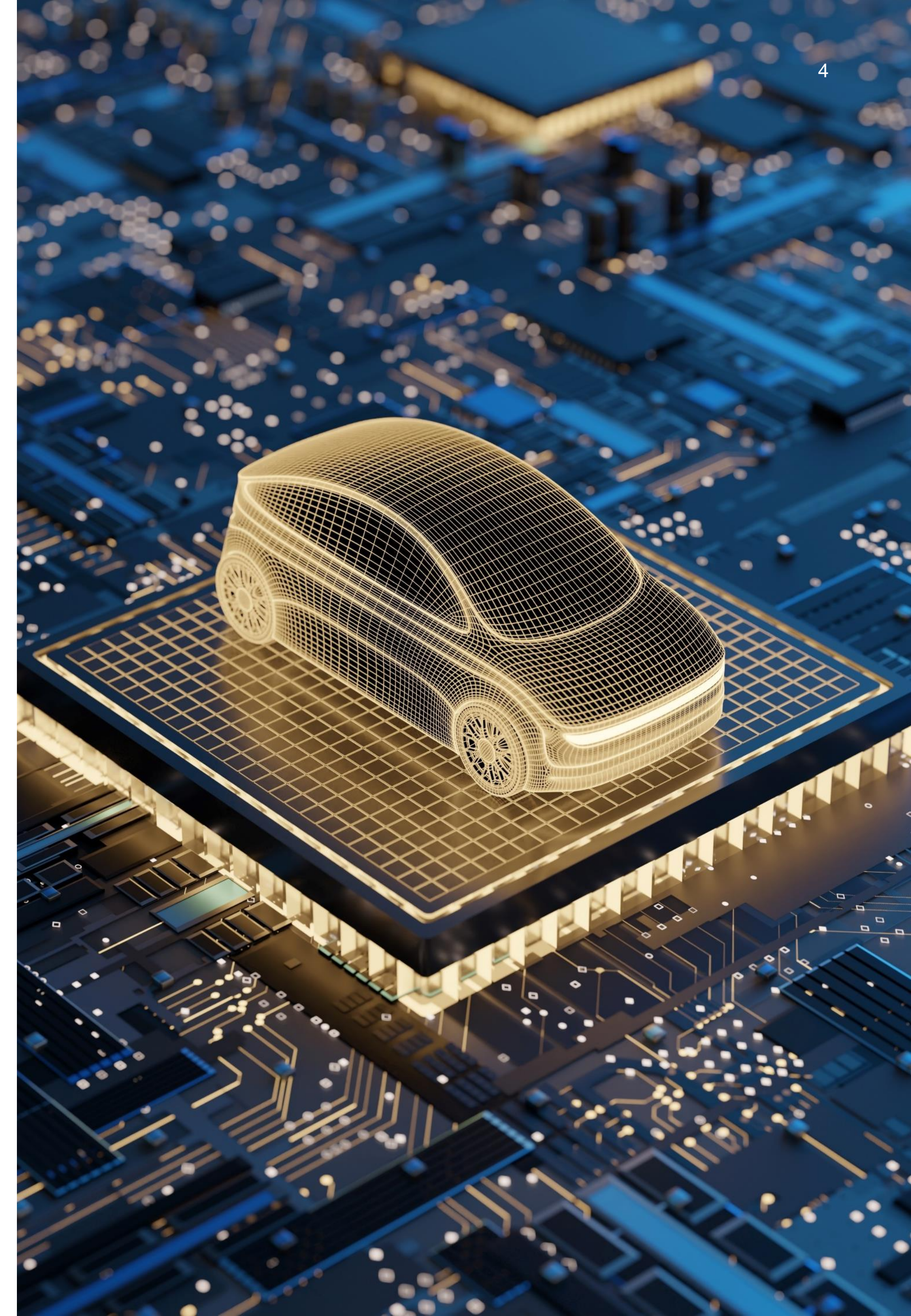
Welcome stakeholders

Airservices Australia Australian Logistics Council Australian Livestock and
Rural Transporters Association ARUP Aurecon Group Australian Automation
and Robotics Precinct Bosch City of Brisbane Cisco Eastlink
Curtin University Deloitte Egis Finity Public Transport
Victoria GHD iMove Australia Infrastructure Sustainability Council
Institute of Public Works Engineering Australasia Jacobs Keolis
Downer Local Government Association of Queensland MacroPlan
Main Roads WA National Heavy Vehicle Regulator
National Transport Commission NTRO NRMA Pitt & Sherry
Port of Brisbane Port of Melbourne Department of Transport and Main
Roads Department of Transport and Main Roads Queensland Trucking
Association Queensland University of Technology RAA South Australia RAC
WA RAC Queensland Red Fox Advisory Road Safety
Commission WA Roads Australia Council of Mayors SEQ Transport
Certification Australia TSA Management Uber SA Department of
Infrastructure and Transport Jacobs City of Joondalup
WA Department of Transport and Main Roads Sunshine Coast Council

**There is a strong case for
the deployment of
connected and automated
technologies in transport**

... and there is a strong case for the Summit

- The technology is here
- Infrastructure is being planned without it
- Transport must decarbonize
- Road safety remains an intractable problem
- The technology can drive the economy
- The public does not trust the technology



NATIONAL FUTURE TRANSPORT SUMMIT

Feedback from 2023 workshop

The Summit should also consider:

- Safety
- Sustainability
- Productivity
- 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)

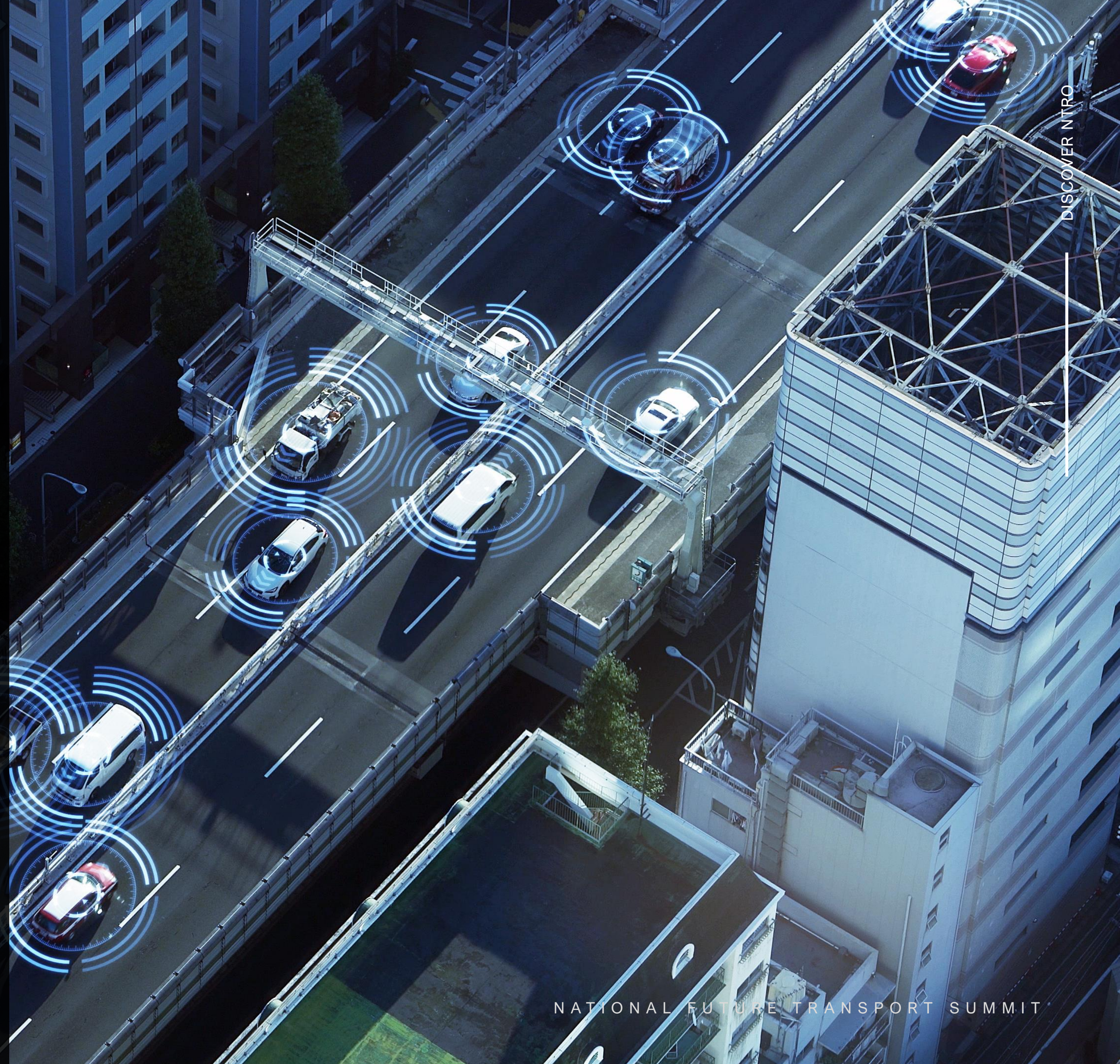


Vision

The Summit will be a catalyst for Australia to maximise safety, sustainability and productivity outcomes in future transport, especially through connectivity and automation.

Mission

Government and industry will create a shared blueprint for connected and automated transport that ensures Australia has the right infrastructure, the means for sustainable deployment, the ability to harness productivity and safety opportunities and the requisite community acceptance.



DISCOVER NTRO

Maximising the potential of connected and automated transport

Objectives

1

Bring government and industry leaders together to agree recommendations on planning for connected and automated transport, delivering an enduring point of reference that informs government and industry decisions moving forward (key outcome of the Summit).

2

Bring government and industry leaders together to agree on sector-specific considerations and recommendations relevant to connected and automated transport.

3

Break down broader sector silos by bringing transport sectors together and including related sectors such as energy and industry.

4

Foster a national stakeholder community made up of leaders and individuals with an interest in connected and automated technologies from across transport modes and related sectors.





Where

Melbourne, Victoria



When

September 2025



Who

Government and
industry leaders from
across the transport
system

Summit themes



Infrastructure planning

National rollout of infrastructure to support connected and automated transport technologies and enhance safe and productive movement



Sustainable deployment

Sustainable deployment of connected and automated technologies



Productivity opportunities

Harnessing broader productivity opportunities of connected and automated technologies



Safety Opportunities

We need to better understand and communicate the link between connected and automated technologies and improved transport safety outcomes



Community acceptance

Building public acceptance of connected and automated technologies



Infrastructure planning

National rollout and maintenance of infrastructure to support connected and automated transport technologies and enhance safe and productive movement

Australia needs a long-term plan for the national rollout and maintenance of physical and digital infrastructure for connected and automated transport.

This theme includes consideration of:

- Understanding the pipeline of connected and automated technologies across sectors
- National C-ITS deployment in line with Commonwealth C-ITS Principles.
- Physical infrastructure to optimise the benefits of the technology in the medium-long term.
- National priorities and long-term planning.





Sustainable deployment

Sustainable deployment of connected and automated technologies

Australia must ensure that connected and automated technologies are deployed in a way that contributes to broader sustainability outcomes. This includes ensuring relevant sectors are joined up.

This theme includes consideration of:

- Strategies for deployment which contributes to rather than detracts from decarbonisation outcomes.
- Workforce transitions.
- Cross-sectoral coordination (i.e. transport, technology, industry and energy).



Productivity opportunities

Harnessing broader productivity opportunities of connected and automated technologies

Australia has an opportunity to harness broader productivity outcomes from connected and automated technologies than just those expected from operation of the technology in designated modes.

This theme includes consideration of:

- More efficient interfaces between transport modes and sites (e.g. port to rail).
- Problems to solve and opportunities to harness (e.g. driver shortages).
- New industry opportunities (e.g. component and bus manufacturing).



Safety opportunities

Understanding the safety opportunity of connected and automated transport technologies

We need to better understand and communicate the link between connected and automated technologies and improved transport safety outcomes.

This theme includes consideration of:

- Bringing together research and trial learnings on the safety impacts of connected and automated technologies.
- Shared learnings about the safety impacts of connected and automated technologies across transport modes.



Community acceptance

Building community acceptance of connected and automated technologies

Australia must bring the public along on this journey. If the public do not accept the technology, society will not be able to see its expected benefits as soon as the technology is available.

This theme includes consideration of:

- Tools for understanding community attitudes to connected and automated transport.
- Privacy.
- Government and industry strategies for building community acceptance.

Interdependencies

- Infrastructure and Transport Ministers' Meeting
- National Road Transport Technology Strategy and CAV Action Plan
- Commonwealth C-ITS principles
- NTC-led automated vehicle reforms
- NTC-led National Vehicle-Generated Data Working Group
- Austroads' Future Vehicle and Technology Program
- National Freight and Supply Chain Review
- National Electric Vehicle Strategy
- Commonwealth Cyber Security Principles
- ITS Australia Summit, ITS Asia-Pacific Summit, ITS World Congress
- ALC Supply Chain Summit



Summit format

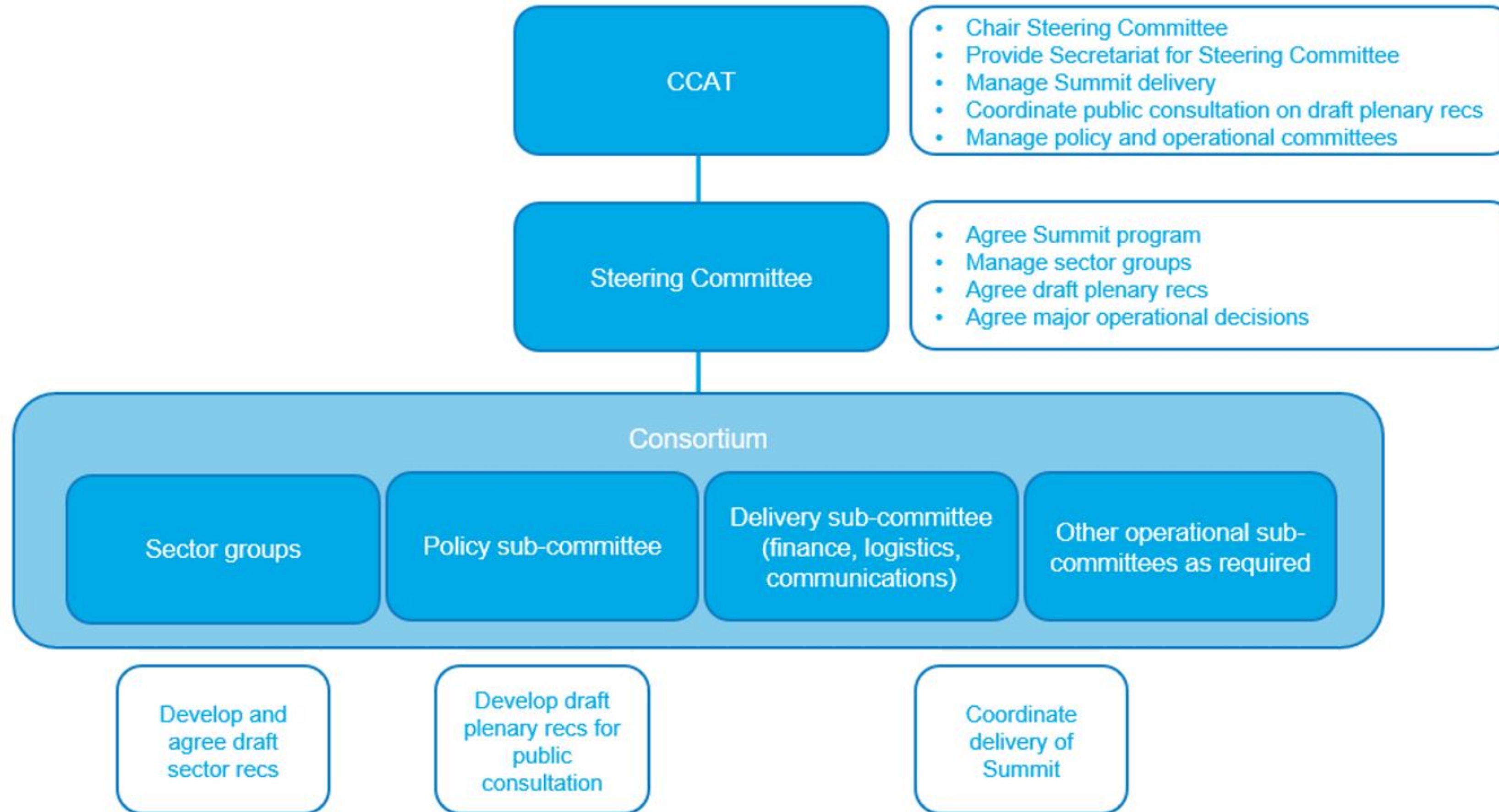
TWO DAYS

Ministers and industry Chief Executives will discuss and agree plenary recommendations based on the five themes.

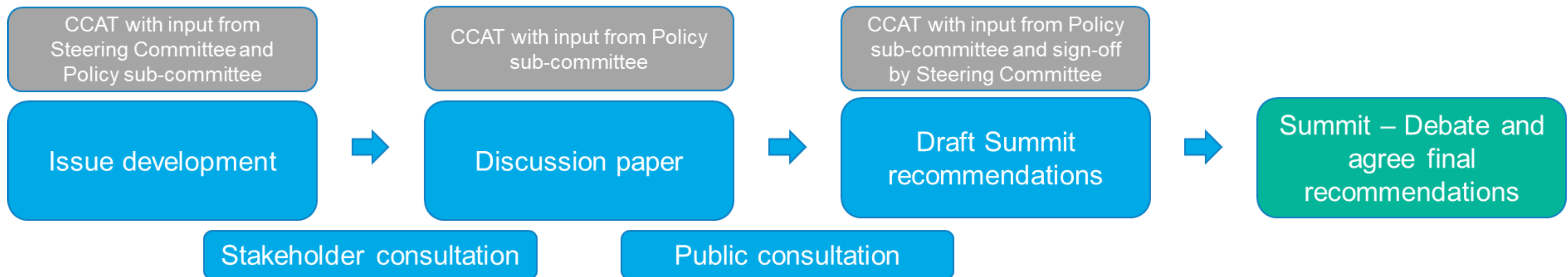
Sector groups will discuss and agree supplementary recommendations relevant to their sectors.



Governance



Lead up to the Summit: Development of plenary recommendations

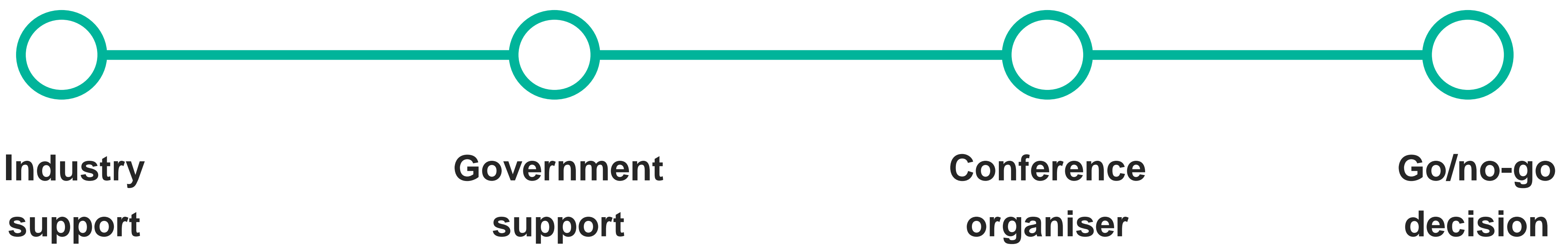


Development of sector recommendations

The Summit will also provide for sector groups to agree secondary recommendations, which do not affect the plenary recommendations. The way these recommendations are developed will be at the discretion of each sector group and their Sector Leads over the months leading up to the Summit. Each set of draft sector recommendations will be discussed by each sector group at the Summit and agreed.



Milestones




Join us



Thank you

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