



ITS Improving Mobility, Safety and Livability in Smart Cities

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OUR MEMBERS

Platinum

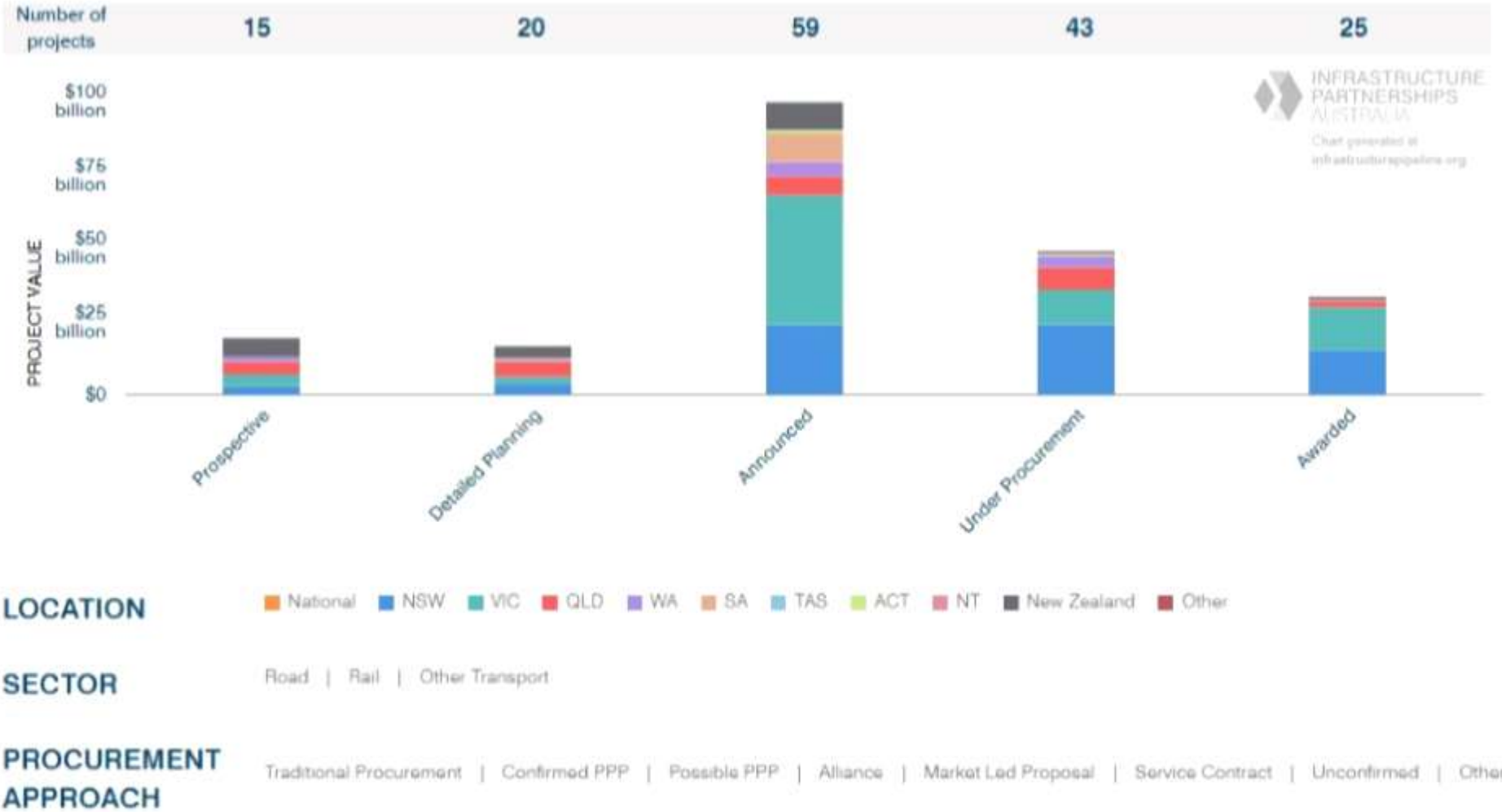


Gold



Silver





INFRASTRUCTURE PARTNERSHIPS AUSTRALIA
Chart generated at infrastructureappellix.org



NATIONAL

- 5G Innovation Initiative
- Land-Transport Action Plan (Federal Government)
- Government access to vehicle-generated data
- Regulatory & Operational Barriers to Automated Vehicles
- Review of guidelines for trials of automated vehicles (NTC)
- Transport technology research collaboration (iMOVE CRC)
- Connectivity in C-ITS research on safety and efficiency use cases (ITS Australia)
- Future of Community Transport Research (ITS Australia)

NORTHERN TERRITORY

- Trialled automated, electric bus on the Darwin Waterfront Precinct

QUEENSLAND

- CAVI - Connected & Automated Vehicle Initiative
- MaaS Road Map 2022



NEW SOUTH WALES

- CITI – Cooperative Intelligent Transport Initiative
- MaaS Innovation Initiative
- Urban and Regional On-Demand trials and deployments

VICTORIA

- Australia Integrated Multi-modal Ecosystem - AIMES
- Bosch Highly Automated Driving Vehicle
- Transurban CitiLink Automated Vehicle initiative
- HMI Technology and RACV Navya Bus Trial

WESTERN AUSTRALIA

- RAC Intellibus
- Autonomous Heavy Vehicle Platooning Trail

SOUTH AUSTRALIA

- Future Mobility Lab Fund
- Driverless shuttles and cargo pods

New research exploring the future of Local and Community Transport

- Investigated the systemic issues, opportunities and barriers for overcoming transport disadvantage
- Enhancing community transport in Australia
- Transport innovation increasing but, significant challenges remain in harnessing this to enhance transport inclusion
- Including systemic complexities and jurisdictional differences
- Opportunities to build partnerships for technology deployments advancing Community Transport



This is a complex and challenging ecosystem and technology has the potential to improve Community Transport by:

- Increasing access for clients
- Better allocation of resources by providers
- Increased client choice
- Improved customer experience
- Improved client access and choice
- Higher quality, more responsive services
- Enhanced efficiency and productivity for providers
- Improved visibility and reach of services



Connectivity in C-ITS: Investigating pathways to accelerate the uptake of road safety and efficiency technologies

- 8-month project involved a comprehensive analysis of Victorian traffic accident data from 2006-2019
- Research project showed C-ITS technologies can reduce vehicle crashes by up to 78%
- State-of-the-art traffic micro-simulation studies from within the Australian Integrated Multimodal Ecosystem (AIMES).
- In-depth analysis of safety and efficiency use cases for technology to make a real difference on Australian roads.



Optimisation of traffic signaling for a connected world

Research optimisation of operating signal systems with connected vehicles and infrastructure in the mix
opportunity to analyse and model other connected data and infrastructure to assess potential optimisation applications including efficiency and safety

Connected ITS

On-going discussions underway with project partners and key government and industry stakeholders to consider the possibility of a national approach to roll-out CAV technology to test C-ITS use cases



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Summit 2022

16–18 August 2022

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Towards safe, sustainable,
accessible transport

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