

## National Future Transport Summit

### Submission – City of Joondalup

- Contact: Jason Laverdure
- Phone number: +61 449 966 690
- Position Title: Economic Development Officer
- Company name: City of Joondalup
- Email: [jason.laverdure@joondalup.wa.gov.au](mailto:jason.laverdure@joondalup.wa.gov.au)

**Which theme areas are you most interested in? (select all that apply):** Safety, Social Legitimacy

**How would you describe the sector your submission represents? (eg: rail, aviation, community, research):** This submission reflects a local government perspective taking into consideration local communities and transport users, who will be directly impacted by the transition to connected and automated transport

**How would you describe the geographic reach of your organisation? (eg local, state, regional, national, international):** As a local government grounded in strong local knowledge, the City also maintains robust relationships with local, state, federal, international government and industry partners.

**Do you agree with the challenges described?:** The City of Joondalup recognises that all challenges identified in the discussion paper are important. However, as an LGA we believe safety and social legitimacy are primary drivers, as without proof of improved safety, it is unlikely to be a high level of community acceptance and will not achieve the desired outcome including productivity and change in infrastructure required. We believe local government can have the greatest impact and play a more active role, especially in gaining public acceptance to support the adoption of connected and automated transport.

As local governments manage approximately 80% of the nation's roads, we welcome evidence-based, smarter, and safer transport solutions that can demonstrate clear road safety benefits and mitigate the risk of severe and fatal injuries. The City believes that to encourage public acceptance, prioritising accessibility and inclusive community engagement, safety trials, and transparent communication on the economic impact to the community, can help build trust and showcase the value of emerging technologies

**What challenges are missing?** A key challenge is the lack of evidence of potential benefits to the community. Without dedicated testing hubs and educational campaigns, it is difficult to evaluate the real-world impact of emerging technologies and build public trust. Establishing local testing sites and tailored outreach initiatives would ensure effective and responsible implementation, however projects like testing hubs can span over 10 years from build to operation with substantial investment required.

A national regulatory framework must reflect regional diversity and include local government input, supported by collaboration with transport and engineering bodies. Additionally, investment in cybersecurity training for local transport teams and upgrades to digital infrastructure, especially in poorly connected areas, will ensure readiness and resilience across all communities.

**What are your solutions for addressing the challenges?** The City of Joondalup has begun facilitating discussions to have a Smart Mobility Living Lab in Joondalup for transparent trials to support the safe and effective integration of connected and automated transport technologies. This will leverage on research from the Joondalup Learning Precinct ecosystem which includes research in AI, Data Science, Robotics and Cyber Security and whilst also leveraging an MoU with the Australian Automation Robotics Precinct to utilise their test bed facilities.

The City of Joondalup has also taken steps to familiarise key stakeholders to the issues of Road Safety. This is achieved through a series of transformative talks in collaboration with the National Transport Research Organisation (NTRO), discussing how improvement in technology and innovation can help save more lives and contribute to the strategy of reducing severe and fatal injuries by 50% in 2030 and achieving the National Road Safety Strategy vision zero target by 2050.

By empowering local governments through funding, training, and regulatory inclusion, this will accelerate community adoption of a connected and automated transport framework, foster innovation, and may help demonstrate long-term economic benefits to the local community.

**How would you prioritise the proposed solutions?**

Priority 1: Legislative Alignment

Establishing a coordinated and legislatively supported framework is the foundation for any meaningful progress. Alignment with both Federal and State Government legislation and collaborations with local government is essential to ensure compliance, secure necessary approvals, and integrate with broader policy objectives. Without this legal groundwork, implementation risks being ineffective or unsustainable.

Priority 2: Community Engagement and Social Legitimacy

Gaining social legitimacy through proactive community engagement is critical. This begins with transparent communication and collaborative efforts to work with the public, even if consensus is not immediate. Through education outreach, training and data from concepts like the SMLL project, the community can move from awareness to understanding and eventually support. Building trust across diverse groups requires sustained effort and genuine dialogue.

Priority Action 3: Embedding Testing and Trials

To support both legislative development and community acceptance, testing and trials must be integrated into the policy process. Trials provide real-world data that inform smarter, more adaptive legislation, while also helping communities understand and trust new initiatives. Demonstrating tangible outcomes through trials reduces uncertainty and fosters broader support.

**Upload Document:** [COJ CCAT-Discussion-Paper-Submission-NFT Summit 2025-Final.pdf](#)

**I acknowledge that this submission will be published online:** Yes

## City of Joondalup

# Submission to the National Future of Transport Summit 2025

### 1. Introduction

As a local government authority, the City of Joondalup is committed to supporting safe, inclusive, and future-ready transport systems. This submission reflects a local government perspective taking into consideration local communities and transport users, who will be directly impacted by the transition to connected and automated transport.

The submission supports evidence-based change through real-world testing, trials, and showcases, as outlined in the Joondalup Integrated Transport Plan. Community education, such as road safety campaigns for connected and automated transport, is key to building trust and demonstrating public benefits.

The City welcomes the opportunity to contribute to transport policies that can create a cultural shift towards shared responsibility and reduced tolerance for road trauma aligning with the Driving Change Road Safety Strategy for Western Australia 2020–2030.

### 2. Question 1 - Do you agree with the challenges described and how these might affect you or your industry?

The City of Joondalup recognises that all challenges identified in the discussion paper are important. However, as an LGA we believe safety and social legitimacy are primary drivers, as without proof of improved safety, it is unlikely to be a high level of community acceptance and will not achieve the desired outcome including productivity and change in infrastructure required. We believe local government can have the greatest impact and play a more active role, especially in gaining public acceptance to support the adoption of connected and automated transport.

As local governments manage approximately 80% of the nation's roads, we welcome evidence-based, smarter, and safer transport solutions that can demonstrate clear road safety benefits and mitigate the risk of severe and fatal injuries. The City believes that to encourage public acceptance, prioritising accessibility and inclusive community engagement, safety trials, and transparent communication on the economic impact to the community, can help build trust and showcase the value of emerging technologies.

### 3. Question 2 - What challenges are missing and how would they address the vision?

A key challenge is the lack of evidence of potential benefits to the community. Without dedicated testing hubs and educational campaigns, it is difficult to evaluate the real-world impact of emerging technologies and build public trust. Establishing local testing sites and tailored outreach initiatives would ensure effective and responsible implementation, however projects like testing hubs can span over 10 years from build to operation with substantial investment required.

A national regulatory framework must reflect regional diversity and include local government input, supported by collaboration with transport and engineering bodies. Additionally, investment in cybersecurity training for local transport teams and upgrades to digital

infrastructure, especially in poorly connected areas, will ensure readiness and resilience across all communities.

#### **4. Question 3 - What are your solutions or recommendations for addressing the challenges?**

The City of Joondalup has begun facilitating discussions to have a Smart Mobility Living Lab in Joondalup for transparent trials to support the safe and effective integration of connected and automated transport technologies. This will leverage on research from the Joondalup Learning Precinct ecosystem which includes research in AI, Data Science, Robotics and Cyber Security and whilst also leveraging an MoU with the Australian Automation Robotics Precinct to utilise their test bed facilities.

The City of Joondalup has also taken steps to familiarise key stakeholders to the issues of Road Safety. This is achieved through a series of transformative talks in collaboration with the National Transport Research Organisation (NTRO), discussing how improvement in technology and innovation can help save more lives and contribute to the strategy of reducing severe and fatal injuries by 50% in 2030 and achieving the National Road Safety Strategy vision zero target by 2050.

By empowering local governments through funding, training, and regulatory inclusion, this will accelerate community adoption of a connected and automated transport framework, foster innovation, and may help demonstrate long-term economic benefits to the local community.

#### **5. Question 4 - How would you prioritise the proposed solutions, and what would be the first steps?**

##### **Priority 1: Legislative Alignment**

Establishing a coordinated and legislatively supported framework is the foundation for any meaningful progress. Alignment with both Federal and State Government legislation and collaborations with local government is essential to ensure compliance, secure necessary approvals, and integrate with broader policy objectives. Without this legal groundwork, implementation risks being ineffective or unsustainable.

##### **Priority 2: Community Engagement and Social Legitimacy**

Gaining social legitimacy through proactive community engagement is critical. This begins with transparent communication and collaborative efforts to work with the public, even if consensus is not immediate. Through education outreach, training and data from concepts like the SMLL project, the community can move from awareness to understanding and eventually support. Building trust across diverse groups requires sustained effort and genuine dialogue.

##### **Priority Action: Embedding Testing and Trials**

To support both legislative development and community acceptance, testing and trials must be integrated into the policy process. Trials provide real-world data that inform smarter, more adaptive legislation, while also helping communities understand and trust new initiatives. Demonstrating tangible outcomes through trials reduces uncertainty and fosters broader support.