

**Submission  
No 51**

## **INQUIRY INTO USE OF E-SCOOTERS, E-BIKES AND RELATED MOBILITY OPTIONS**

**Organisation:** Zipidi  
**Date Received:** 8 July 2024

---

**Dear Ms Faehrmann and Honourable Committee members,**

Zipidi are micromobility experts who work worldwide on the issues raised under the "Terms of Reference" for this committee. We collaborate with governments of all levels, manufacturers, standards organisations, testing laboratories, insurers, road safety specialists, and others.

We have recently made submissions to:

- the NSW Parliamentary Enquiry on Electric and Hybrid Vehicle Batteries
- NSW Fair Trading Discussion Paper on the *Regulation of e-bikes, e-scooters and other Lithium-ion battery-powered micromobility vehicles in NSW*.
- *NSW's E-Micromobility Interagency Group regarding developing an E-Micromobility Action Plan*.
- both the South Australian and Victorian Departments of Transport regarding their reviews of e-micromobility.

We recently completed projects for the City of Hobart regarding micromobility regulations, tenders for shared e-micromobility operators, and advice through the tender process.

The critical strategic e-micromobility issues are providing vehicle standards, riding rules, and safety frameworks to maximise the use of all types of e-micromobility and support better outcomes for the community, traffic, and the environment. The increase in lithium-ion fires from e-micromobility has become a worldwide issue and is a crucial safety consideration in determining vehicle standards and authenticated proof of their compliance.

We have attached:

1. Zipidi's submission to the NSW Fair Trading inquiry regarding lithium-ion battery fires in e-micromobility.
2. Zipidi's submission to South Australia's Department of Transport regarding e-micromobility regulation.
3. Zipidi Insights - Safety Technology (for e-micromobility) reviews technology and other solutions available to manage some of the critical safety issues in e-micromobility.
4. Zipidi's Ride Micromobility Playbook for Cities addresses the critical issues for any LGA to implement successful micromobility for private owners and shared micromobility. (attached to email 2 of 2 due to size)

These documents cover the issues you've raised under your terms of reference and some more areas.

Beyond these are broader transport issues that must be addressed to optimise transport outcomes for all. These include topics such as:

- Lower speed limits in shared activity areas - shops, schools, sporting and other destination points - typically now 30 kph
- Reallocation of road space to people and active mobility, enabling end-to-end connectivity in safer walking and riding infrastructure

- Better maintenance of core infrastructure - roads and pathways regarding potholes, cracks, etc.

Zipidi is a leading global consultant in this field. Zipidi has extensive networks of experts worldwide across the topics covered by the terms of reference. Many recent research reports worldwide have already addressed the issues raised.

Zipidi is happy to support and assist your NSW Parliamentary Inquiry should our knowledge and expertise be required.

Regards,

Stephen Coulter & Krystyna Weston

**Directors, Zipidi**