

Inquiry into e-mobility safety and use in Queensland

Submission No: 1215
Submitted by: Zoomo
Publication:

Attachments:

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From: [Gema Martinez Casanova](#)
To: [State Development, Infrastructure and Works Committee](#)
Subject: Safety risks from Non-Compliant Electric Vehicles
Date: Tuesday, 4 November 2025 2:06:05 PM

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Dear Queensland Parliament,

We are writing to raise serious concerns regarding the increasing **fire and public safety risks** associated with potentially non-compliant **electric vehicles (EVs)** and, more urgently, the **unsafe storage and handling that may be occurring with lithium-ion batteries by certain businesses** operating in Brisbane.

While electric mobility is an important part of our transport future, inconsistent regulation and enforcement around **battery safety standards** — particularly among smaller importers, service providers, and rental operators — appears to be contributing to a rise in preventable fires and hazardous incidents.

Key issues that require urgent attention include:

- Companies storing significant quantities of high-capacity batteries **without clearly visible fireproofing, ventilation, or risk controls measures**;
- Potentially Unsafe charging practices, including **bulk charging of batteries in confined or flammable areas**;
- Sale and installation of batteries that **lacking documented certification or compliance with recognised safety standards** (e.g. UL, IEC, AS/NZS); and
- Use of **modified or oversized batteries** in unregulated electric vehicles that may be operated in public without appropriate oversight

These concerns are further exacerbated by the spread of **non-compliant private electric vehicles** that fall outside existing safety and transport regulations. Without proactive action, these practices could pose a serious threat not only to riders and operators, but also to nearby residents, workers, and emergency responders.

To address these risks, I respectfully urge your office and the Queensland Government to:

- Conduct inspections of businesses handling large volumes of lithium-ion batteries;
- Establish and enforce **minimum storage, charging, and certification requirements for such facilities**;

Develop clear safety guidelines in collaboration with **Queensland Fire and Emergency Services**; and

- Strengthen enforcement against the import, sale, and operation of **non-compliant electric vehicles and battery systems**

Proactive regulation and enforcement in this space will help protect Queenslanders from avoidable harm and ensure a safer path forward as electric mobility continues to expand.

Thank you for your time and attention to this matter. We would welcome the opportunity to discuss these concerns further or contribute to any future consultations on the issue.

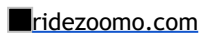
Yours sincerely,

Gema

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Gema Martínez Casanova

AU Operations Manager


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