

**Question for written answer E-004909/2025
to the Commission**
Rule 144
Martin Günther (The Left)

Subject: Standardisation of charging plugs for electric bicycles and light means of transport

The proliferation of proprietary charging systems for electric bicycles and light means of transport (LMT) presents significant barriers to Europe's green mobility transition. Currently, hundreds of incompatible chargers are preventing the development of public charging infrastructure, increasing costs for fleet operators, creating safety risks from incompatible voltage protocols and generating unnecessary electronic waste. The lack of standardisation also undermines repairability, as users become dependent on single manufacturers for spare parts and servicing.

To date, producers of electric bicycles and LMT have failed to establish a common charging plug; therefore, a legal requirement is needed.

1. Does the Commission recognise the need for a standardised charging interface for electric bicycles and LMT?
2. Will the Commission consider introducing mandatory charging plug standardisation, for example, via the EU Ecodesign Regulation or the EU Batteries Regulation?
3. What timeline does the Commission envisage for addressing this standardisation gap?

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