

Cross Pavement Charging

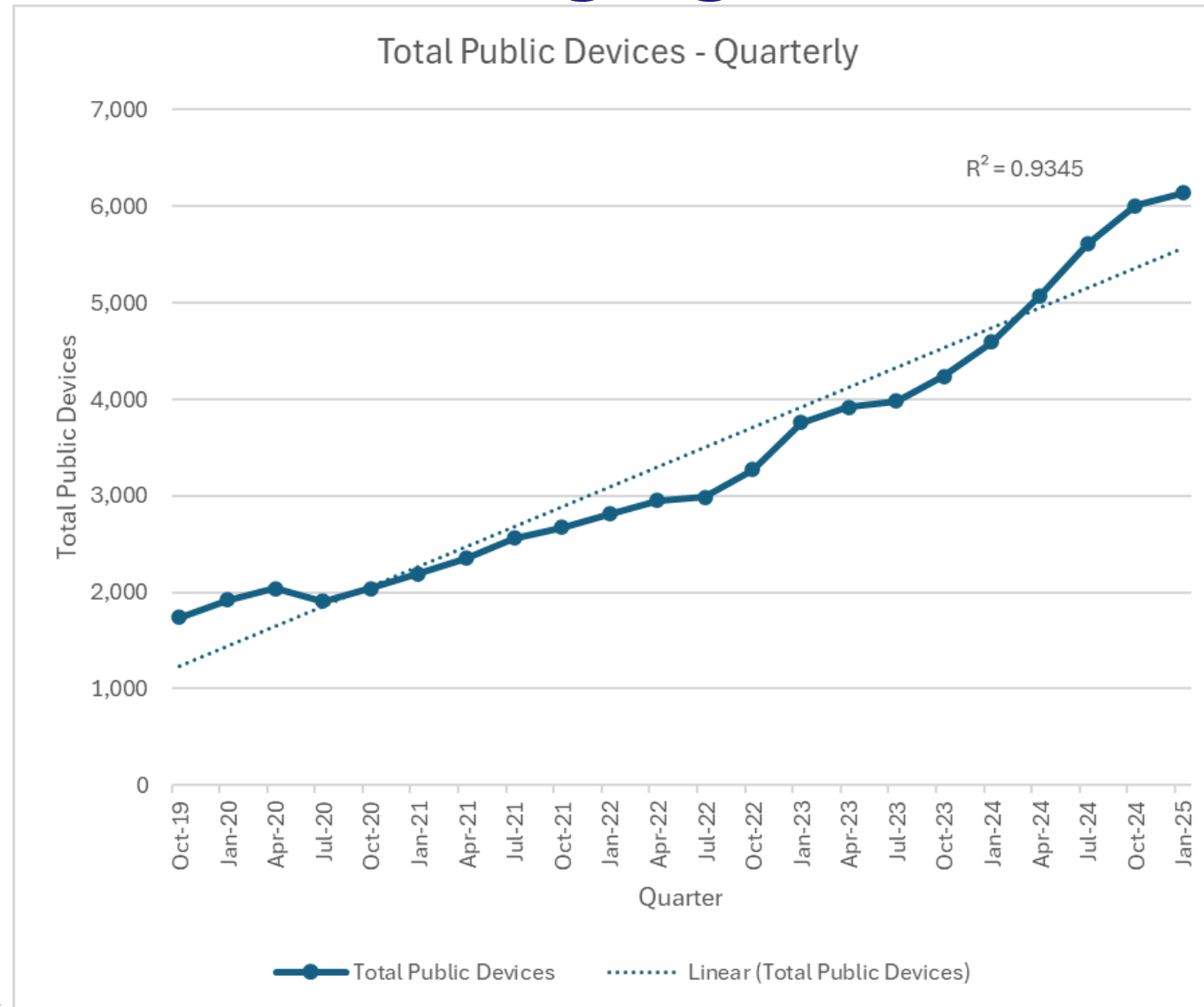
Transport Scotland



Growth in Public EV Charging

33.7% Growth rate in 2024

**6,704 at the end of March
2025**



Why does public EV cost more?

- Higher energy costs
- Higher rate of VAT
- Supply upgrades, network connection costs and standing charges
- Cost of purchase or leasing land
- Equipment costs
- Commercial borrowing costs
- Operated on a commercial basis



Cost comparison

- Extreme example:
 - An 87kWh EV could be fully charged for as little as £6.09 using on off-peak tariff of 7p/kWh.
 - To charge the same vehicle at a rapid charging hub would cost £73.95 at a tariff of 85p/kWh.
- Lack of access to off street parking increases cost of EV ownership and can be a significant barrier to EV ownership.



What is Cross-Pavement Charging?

Gully Solutions



Pop-Up Solutions



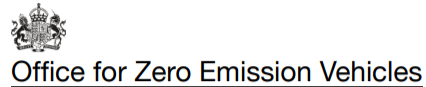
Pavement Installation



Overhead Solution – Not legal in UK



DfT Guidance and Funding



Guidance

Cross-pavement solutions for charging electric vehicles

Published 24 December 2024

Electric Vehicle Chargepoint Grant for Households with On-Street Parking

The grant provides electric vehicle (EV) drivers with support towards the costs of the purchase and installation of EV chargepoints at residential properties when also installing a cross-pavement charging solution.

Opening date: 18 March 2024, 12:01am (Midnight)

Closing date: 3 April 2026, 11:00pm

[Start new application](#)



Where does SCOTS Come in?



SCOTS

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Overall

The Scottish Collaboration of Transportation Specialists (SCOTS) is a strategic collaborative body representing Scotland's 32 local authorities and seven regional transport partnerships. Playing a pivotal role in the design, delivery and maintenance of the nations transport systems, SCOTS contributes to innovation and performance improvement across the network.

Roads Sub Group

The SCOTS Roads Group's purpose is to engage with industry and academia and share good practice across roads authorities in Scotland. We will provide a consistent, knowledgeable and professional voice across all aspects of road maintenance and management. Representation on the UK Roads Board will enable Scotland to contribute to national guidance and consultations.





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Why?

- Transport Scotland, Councils, and SCOTS are receiving a large number of enquiries in relation to cross pavement charging solutions for private dwellings.
- DFT Grants were published on 24th December 2024 for this purpose
- No commonality or recognised framework for how this would be delivered at a local level.
- Avoid the ‘Wild West’ scenario of different processes across the country.





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What?

- SCOTS Roads Group Set up a Short Life Working Group
- Produce a guidance document outlining a framework of how this can be implemented in Scotland.





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What this document is and what it isnt?

- Create the conditions to enable LAs to take Cross Pavement charging forward.
- A document outlining how to regulate the process **NOT THE PRODUCT per se**
- To allow RAs to develop their own Policies based on their individual contexts
- It is not for TS or SCOTS to be arbiter of individual circumstances





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When?

- Document is at its final draft stage
- Consultation on the content will be undertaken in the next 2 months (end of June)
- Roll out thereafter



SG Funding

- £30 Million EV Infrastructure Fund
- New £5 Million Rural and Island Charge Point Fund
- **New grant scheme to help pilot cross-pavement EV charging solutions for domestic properties without off-street parking.**

