

Electric Vehicle Infrastructure Review: 12 Month Update

Committee name	Property, Highways & Transport Select Committee
Officer reporting	Poonam Pathak, Place Directorate
Papers with report	Draft Electric Vehicle Strategy
Ward	All

HEADLINES

12-month update on the Public Safety & Transport Select Committee's major review into Electric Vehicle (EV) Infrastructure. This report will act as the first annual report into the condition of the Borough's EV infrastructure.

RECOMMENDATIONS

That the Property, Highways & Transport Select Committee:

- 1. Note the contents of the report and provide any comments to officers as appropriate on the EV Infrastructure proposal.**

SUPPORTING INFORMATION

Background

In 2021 the UK Government have announced that the sale of cars wholly powered by petrol and diesel will be banned by 2030. In response to the UK governments statement in 2021 TfL updated the 'Mayors Transport Strategy 2018' revised its commitment by supporting a net-zero carbon target for London by 2030, the introduction of EV being a core part of the strategy.

The Councils 'Strategic Climate Change Action Declaration and Plan (released July 2021)' and 'Local Implementation Plan (LIP) 2019 - 2041 (LIP)' established a core aim to deliver and improve the electric vehicle (EV) charging infrastructure across the borough for both current and future EV users.

In support of these plans the Council has developed a draft strategy for EVCPs (Appendix 1 - London Borough of Hillingdon EV Strategy), the strategy outlines the Councils proposed approach to:

EVCP types - The selection of suitable EVCP types based on local user needs.
Setting targets - Targets for the introduction of EVCPs across the network.
Route to market - Establishing a route to market aligned with the Councils needs and aspirations.

Delivery model - A model for EVCPs from installation, operation maintenance and life expiry.
Delivery plan - The short-, medium- and long-term EVCP delivery plan.

In summary, the Councils strategy proposal is for the introduction of 300 no. \leq 43kW AC/ 50kW DC EVCPs on off-highway Council owned property located at various locations across the borough (including maintenance compounds and depots) by 2026 which would be across Council and Private land. The intention is to consider adopting this strategy in the June cabinet, along with the new EV partner, so that the delivery plan can be implemented by the new supplier.

Delivery Model

The preferred Council route to market is an EV charging infrastructure that is partially funded / shared by the Council. This option will allow the Council to engage and work with suppliers to develop an EV charging infrastructure that best serves the Councils vision and values, especially that focused on residents and stakeholders.

The Council has a short, medium and long term delivery plan for the introduction of EVCP charging infrastructure on adopted Highway or other Council owned property, each stage of the delivery plan is –

- Short Term (2023) = remove / upgrade / remove legacy assets based on independent assessment of each site.
- Medium Term (2026) = introduce 125 public destination EVCPs on off-street Council property.
- Long Term (2030) = introduce 300 public destination EVCPs on off-street Council property.

The installation of 'public' on-street EVCPs with a rating of up to 7kW AC (slow chargers) on the adopted Highway is not currently a priority; however, the Council will continue to monitor the situation in relation to requests from local residents and, if the demand is determined, will implement an on-street investment strategy.

The procurement partner will develop the on- and off-street forward programme with the Council and secure the funding sources available for the implementation of all infrastructures.

Procurement

Tenders have been publicised for the selection of a competitive bidder to assist the council in the implementation of short, medium, and long term plans. Following the evaluation process, this will be presented to the June cabinet for approval. The procurement timeline is as below.

Item	Tasks	Start	End
1	Procurement Strategy and Tender Suite Preparation	01-Jan-23	20-Mar-23
2	Tender Process	21-Mar-23	19-Apr-23

3	Evaluation of Tender Submissions/ Clarification and internal governance process	19-Apr-23	21-Jun-23
4	Cabinet Approval	22-Jun-23	22-Jun-23
5	Standstill periods/ Confirmation of selected Tenderer/ Issue Contract Award Notice & Contracts Finder Award Notice / Contract circulation and signing / Contract implementation	23-Jun-23	31-Jul-23
6	Term Service Delivery	01-Aug-23	

RESIDENT BENEFIT

The proposed EV strategy and delivery plan will assist the council meet its commitment to carbon reduction and cleaner air by increasing the use of electric vehicles charging infrastructure in the borough. As more electric vehicles are purchased, the demand for EV charging infrastructure will rise. Improved EV charging facilities will benefit residents by providing easy access to charge their vehicles.

FINANCIAL IMPLICATIONS

The preferred Council route to market is an EV charging infrastructure that is partially funded / shared by the Council. This option will allow the Council to engage and work with suppliers to develop an EV charging infrastructure that best serves the Councils vision and values, especially that focused on residents and stakeholders.

Capital Investment, - The initial capital investment required to establish a shared EVCP infrastructure ownership model for the Council is estimated as being a maximum of £3.3m over the next 3 years (2023 to 2026). The officers will explore various government funding opportunities with our chosen partner to support our infrastructure.

Ongoing Revenue Costs, - Shared ownership will allow the Council to take a share of any income generated by EV charging with any funds generated used to offset the cost of ongoing maintenance and operation for the EVCP, it is expected that the revenue costs will be net-zero.

LEGAL IMPLICATIONS

None.

BACKGROUND PAPERS

[Report from the Public Safety & Transport Select Committee: Electric Vehicles, Infrastructure and Future Policy Development for the Borough \(2022\)](#)

APPENDICES

Draft EV strategy