

OFF STREET CAR PARKS ELECTRIC VEHICLE CHARGING POINTS UPDATE

Cleaner & Greener Advisory Committee - 28 June 2022

Report of: Deputy Chief Executive & Chief Officer - Finance & Trading

Status: For Information

Key Decision: No

Executive Summary: This report updates the Cleaner & Greener Advisory Committee about progress on the work plan update for Electric Vehicle Charging Points (EVCP) in our off-street car parks.

This report supports the Key Aim of - Making Sevenoaks District a place where people can enjoy clean and high quality urban and rural environments.

Portfolio Holder: Cllr. Cllr. Margot McArthur

Contact Officer: Trevor Kennett, Ext. 7407

Adrian Rowbotham, Ext. 7153

Recommendation to Cleaner & Greener Advisory Committee:

To note the updated report.

Introduction

1. The Council's Low emission and electric vehicle Strategy details that Sevenoaks District currently has the highest level of electric vehicle ownership in Kent.
2. Sevenoaks District Council (SDC) have committed to becoming Net Zero by 2030, for the council and its assets, whilst also taking a lead in helping residents, businesses and visitors in the District to reduce their own carbon emissions. As part of this Sevenoaks District Council has committed to support electric and low emission vehicles and promote the necessary infrastructure.
3. Car parks provide convenient and suitable locations for destination and top-up charging and will be prioritised as good locations to support EV demand, as these are locations where vehicles are already left for some time. Medium and large car parks are easier for installing ECVPs as there is less conflict in regard to loss of parking spaces from other road users and the presence of EVCPs raises awareness of the facilities for future EV adopters.

4. The Council have committed to installing electric vehicle charging points in Sevenoaks District Council owned car parks. This is included as an action for the Net Zero 2030 work. Currently the Council has installed 10 charging points within Sevenoaks District Council owned car parks. This is detailed in the following table.

Car Park	Location	Capacity	Disabled dual use bays	Single use disabled bays	Other bays	EVCPs
Sevenoaks Town Car Park	Sevenoaks	449	19	4	0	8
Bradbourne Car Park	Sevenoaks	420 + 20 Premium	8	2	0	2

5. The current supplier of these 10 Electric Vehicle Charging Points (EVCPs) is BP Pulse.
6. We will continue to install accessible charging points across other car parks under Sevenoaks District Council control and at the Council depot and offices. Our off-street charging network will be varied and include different types of charging infrastructure, operating at different speeds (residential 3kW, trip-destination 7-22kW, and rapid charging 50kW), to provide for a range of needs.
7. We are at a relatively early stage in the adoption of electric vehicles and it is particularly important that a network of public chargers in off-street car parks is introduced to help drive uptake.
8. We have also taken into account the following:
- 8.1. Identification of suitable off-street car park locations for the installation of EVCPs
 - 8.2. Minimising the impact on existing parking pressures in the immediate area
 - 8.3. Generate a sufficient level of usage demand to ensure the EVCP will become self-financing, i.e. economically viable
 - 8.4. Are logistically practical for installation, in terms of space, positioning and accessing electricity supply.
- 9. Work Plan Update**
10. In November 2021, The Council became a partner for the Kent & Medway 600 a multi-council (including KCC, Sevenoaks, Medway, Tonbridge and Malling,

Tunbridge Wells, Dartford, Swale, Maidstone and Thanet) tendering exercise for an EV supplies framework. The project provided detailed costings for an Electrical Vehicle Charging Points and associated services on the Kent and Medway District EV Charger Network. Connected Curb were appointed as the successful EV Network supplier.

11. Working in partnership with Connected Curb and our current EVCP suppliers BP Pulse we have been completed detailed site survey works to the following off-street car parks:

Location	No. of EVCPs planned
Buckhurst car park, Buckhurst Avenue, Sevenoaks	4
Bligh's, Sevenoaks	6
South Park, Sevenoaks	6
St James & St Johns, Sevenoaks	2
Suffolk Way, Sevenoaks	6
Station Road, Swanley	2
Park Road, Swanley	2
Darent, Breasted Road (A25), Westerham	4
Vicarage Hill, Westerham	1
Quebec Avenue, Westerham	1
Total (Phase 1)	34

12. The detailed survey works helped inform the Council review of all property assets to ensure that the long-term commitments needed for the EVCP infrastructure is in place. This important work has meant a slight delay in the starting of the EVCP project, which will now commence with our approved suppliers around July 2022.
13. In addition to this project at the Council offices in Argyle Road, Sevenoaks we will shortly be installing an additional 12 EVCPs, 4 x 7kW for internal use only in the underground car park and 8 X 22Kw that can be used by the public in our staff car park at weekends and evenings and our front public car park 24/7.

14. This will increase our EVCP network increase from 10 to 46. In the next phase (2) it is anticipated that a further 24 will be added to the above locations. This will be achieved by placing additional ducting works at some of the above locations for future expansion, when the phase 1 works are completed.

15. In March 2022 within our Dunbrik depot, we have installed 4 x 7kw ECVPs for overnight charging of our new electric enforcement vehicles.

Key Implications

Financial

There are minimal service delivery project financial implications for the projects detailed within this report.

Legal Implications and Risk Assessment Statement.

No legal implications. Sevenoaks District Council is the land owner with a statutory duty for the upkeep of infrastructure in off-street car parks.

Equality Assessment

No decisions are being made within this report, so there is low relevance to the substance of the Equality Act. There is no perceived impact on end users.

Net Zero Implications

Members are reminded of the Council's stated ambition to be Net Zero with regards to carbon emissions by 2030. The impact of this update report has been reviewed and there would be a slight decrease on carbon emissions produced in the district because of these detailed projects.

Conclusions

The above EVCP project in 2022, working with our approved EV suppliers will see a significant rise in public assessable charging points in our off-street car parks from 10 to 46 with further in-built capacity to rise again to a network of around 70.

Appendices None

Background Papers None

Adrian Rowbotham
Deputy Chief Executive and Chief Officer - Finance & Trading