

Classification: Public

Key Decision: No

Gravesham Borough Council

Report to: Climate Change Advisory Board
Date: 3rd April 2023
Reporting officer: Assistant Director (IT & Transformation)
Subject: Electric Vehicle Charging Infrastructure Update

Purpose and summary of report:

To provide the Climate Change Advisory Board with an update on the progress of the installation of Electric Vehicle (EV) chargers on council-owned land in the borough.

Recommendations:

This is an information only report.

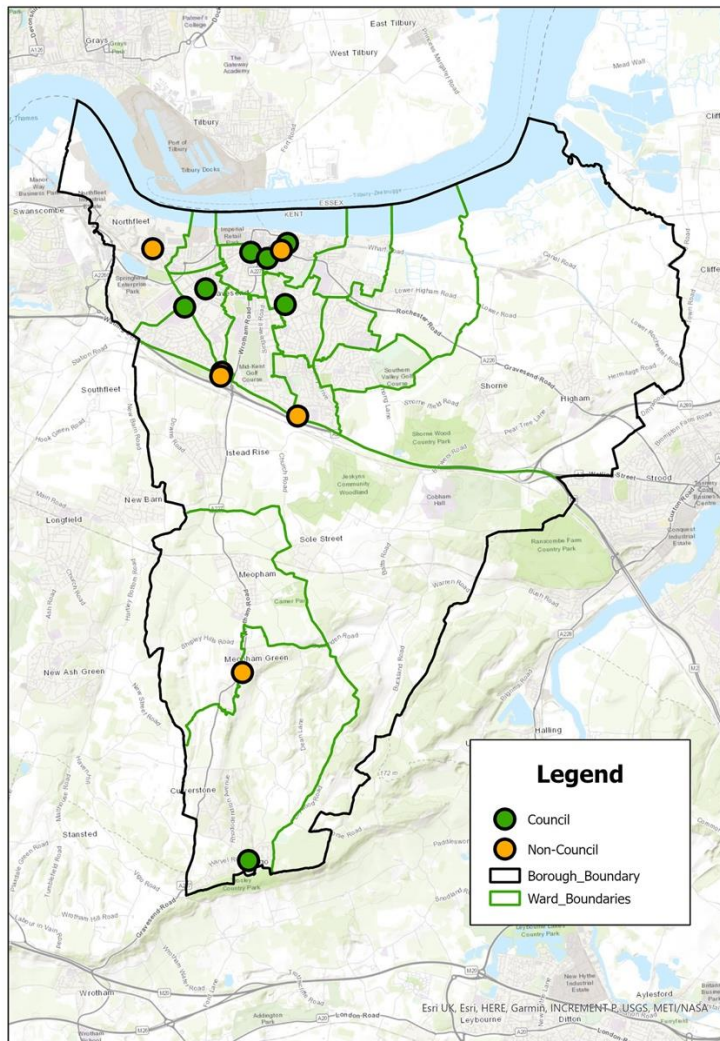
| Key Implications: | |
|------------------------------------|---|
| Item | Implications |
| Legal | N/A– this is an information only report. |
| Finance and Value for Money | N/A– this is an information only report. |
| Corporate Plan | N/A– this is an information only report. |
| Climate Change | The provision of public electric vehicle charging points assists with the adoption of electric vehicles and reduces carbon emissions in the borough, which contributes to the priority 3 actions in the councils Climate Action Plan. The use of electric vehicles also helps improve air quality in the borough. |

1. Update as at March 2023

- 1.1 Since the last Climate Change Advisory Board meeting in October 2022, a significant number of in-progress installations have been completed.
- 1.2 BP Pulse have completed the installation of a further 20x charging points in the north end of Parrock Street Car Park.
- 1.3 Connected Kerb have completed installations at Rathmore Road Car Park (4x charge points), Echo Square Car Park (2x charge points), May Avenue Car Park

gravesham(4x charge points), Cygnet Leisure Centre (4x charge points), and The Bay Car Park in Vigo (6x charge points).

- 1.4 In addition to these, the car park at The Hill in Northfleet is in the process of being installed (2x charge points).
- 1.5 Installation at Osney Way Car Park (3x charge points) will commence once a lease amendment has been agreed with the Diocese of Rochester regarding the use of the car park by Chalk Church.
- 1.6 The map below shows the location of public charge points installed in the borough, both council and non-council.



1.7 The breakdown of locations is as follows.

| Location | Charge points | Owner (Operator) |
|-----------------------------------|---------------|----------------------|
| Rathmore Road Car Park, Gravesend | 4 | GBC (Connected Kerb) |
| Echo Square Car Park, Gravesend | 2 | GBC (Connected Kerb) |
| May Avenue Car Park, Northfleet | 4 | GBC (Connected Kerb) |

| | | |
|------------------------------------|-----------|---------------------------|
| The Bay Car Park, Vigo | 6 | GBC (Connected Kerb) |
| Cygnets Leisure Centre, Northfleet | 4 | GBC (Connected Kerb) |
| Parrock Street Car Park, Gravesend | 22 | GBC (BP Pulse) |
| Milton Place Car Park | 3 | GBC (BP Pulse) |
| Subtotal – GBC owned | 45 | |
| BP Clock Tower Services, Gravesend | 3 | Non-GBC (GeniePoint) |
| Ye Olde Leather Bottle, Gravesend | 1 | Non-GBC (Other) |
| Cyclopark, Northfleet | 2 | Non-GBC (Charge your car) |
| Lidl Coldharbour, Northfleet | 3 | Non-GBC (Pod Point) |
| The George Singlewell, Gravesend | 3 | Non-GBC (BP Pulse) |
| Meopham Village Hall | 2 | Non-GBC (Connected Kerb) |
| Sub Total – Non-GBC Owned | 14 | |
| Grand Total | 59 | |

- 1.8 The Department for Transport (DfT) release quarterly information on the amount of EV chargers per 100,000 of the population (<https://maps.dft.gov.uk/ev-charging-map/index.html>). This is calculated using ONS population estimate data as of mid-point 2021 (which is 106,900 residents for Gravesham) and the number of useable chargers reported by Zap-Map(<https://www.zap-map.com>) as of 1st January 2023. Within this report, the number of EV chargers in Gravesham per 100,000 of the population is 23.4.
- 1.9 This was before the ConnectedKerb sites went live. Recalculating this figure based on the current installations, the number of EV chargers per 100,000 of the population in Gravesham is now 55.2.
- 1.10 This figure rises to 59.9 when taking into account the additional 5 EV chargers being installed at The Hill and Osney Way.
- 1.11 The following table shows a comparison of the DfT statistics with other councils in Kent.

| Authority | No of EV Chargers | Per 100,000 of population |
|--------------------|--------------------------|----------------------------------|
| Folkestone & Hythe | 117 | 106.3 |
| Dartford | 86 | 73.6 |
| Dover | 82 | 70.3 |

| | | |
|---------------------|---------------------|-----------------------|
| Gravesham | 59 (current figure) | 55.2 (current figure) |
| Tunbridge Wells | 49 | 42.4 |
| Maidstone | 68 | 38.5 |
| Swale | 56 | 36.8 |
| Medway | 95 | 33.9 |
| Ashford | 45 | 33.8 |
| Tonbridge & Malling | 43 | 32.5 |
| Canterbury | 49 | 31.3 |
| Sevenoaks | 33 | 27.3 |
| Thanet | 34 | 24.2 |

- 1.12 An accurate comparison of usage between different locations is not possible at the moment due to each coming online at different times. The Connected Kerb locations are also a “soft launch” given that not all signage is currently present (eg. painting of parking bay markings has been prevented by low temperatures). However, the current year's usage information (between 01/01/23 and 08/03/23) for the number of individual charging sessions at Connected Kerb sites is shown below for information purposes. Please note that data for Rathmore Road is not yet available as it has only just been installed.

| Site | No of charging sessions |
|------------------------------------|-------------------------|
| May Avenue, Northfleet | 81 |
| The Bay, Vigo | 80 |
| Echo Square, Gravesend | 69 |
| Cygnets Leisure Centre, Northfleet | 50 |

- 1.13 The council have a revenue share of 10% with Connected Kerb. The chart below shows the current years total revenue by site (between 01/01/23 and 08/03/23). It is expected that this will increase once all signage is in place and a marketing campaign carried out. Please note that data for Rathmore Road is not yet available as it has only just been installed.

| Site | Total Revenue |
|------------------------|---------------|
| May Avenue, Northfleet | £723.68 |
| Echo Square, Gravesend | £639.06 |
| The Bay, Vigo | £446.79 |

| | |
|------------------------------------|---------|
| Cygnnet Leisure Centre, Northfleet | £175.87 |
|------------------------------------|---------|

1.14 BP Pulse has not yet provided access to comparable usage statistics for their charging points. When access is granted, the monitoring of BP Pulse sites will be added to future reports.

1.15 The use of forthcoming funding under the Local Electric Vehicle Infrastructure (LEVI) scheme (date not yet released) will be considered for either the expansion of charging points at existing sites where there is demand or development at additional sites.

2. Appendices

2.1 There are no appendices.

3. Background Documents

3.1 There are no background documents.

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| Secondary Implications | |
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| Risk Assessment | N/A– this is an information only report. |
| Data Protection Impact Assessment | <i>A data protection impact assessment (DPIA) should be carried out at the start of any major project involving the use of personal data or if you are making a significant change to an existing process.</i> |
| | <p>a. Does the project/change being recommended through this paper involve the processing of personal data or special category data or criminal offence data? A definition of each type of data can be found on the Information Commissioner’s Office website via the above links. N/A</p> |
| | <p>b. If yes to question a, have you completed and attached a DPIA including Data Protection Officer advice? N/A</p> |
| | <p>c. If no to question b, please seek advice from your nominated DPIA assessor or the Information Governance Team at gdpr@medway.gov.uk. N/A</p> |
| Equality Impact Assessment | <p>a. Does the decision being made or recommended through this paper have potential to cause adverse impact or discriminate against different groups in the community? If yes, please explain answer. N/A</p> |
| | <p>b. Does the decision being made or recommended through this paper make a positive contribution to promoting equality? If yes, please explain answer. N/A</p> |
| | <i>In submitting this report, the Chief Officer doing so is confirming that they have given due regard to the equality impacts of the decision being considered, as noted in the table above</i> |
| Crime and Disorder | N/A– this is an information only report. |
| Digital and website implications | N/A– this is an information only report. |
| Safeguarding children and vulnerable adults | N/A– this is an information only report. |