

Electric Vehicle Plan

Environment Scrutiny Commission

27 November 2023

Background

- **Climate emergency** declared in 2019, setting an ambitious 2030 net zero target, transport accounts for 18% of emissions in the borough.
- **Council Delivery Plan** for 2022-26 includes specific commitments to develop a borough-wide EV infrastructure Strategy by 2023 and deliver 1,000 EV chargepoints by 2026.
- **Streets for People:** the borough's transport strategy which supports: cleaner air, safer and quieter streets with less traffic and fewer accidents, healthy travel options (walking, cycling, wheeling), greener and more pleasant spaces, a better place for all who live, work, study and visit the borough.

Streets for People

Streets for People Strategy:

- Walking Plan
- Cycling Plan
- EV Plan

60.3%

of people in Southwark do not own a car¹

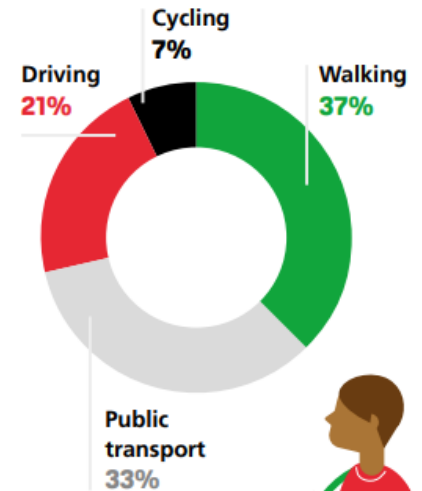
We need a **12%** year-on-year carbon reduction to become carbon neutral by 2030.

Road transport makes up **18%** of the borough's overall carbon emissions

What we will do

- 1.1** Reduce the proportion of journeys by car from 21% to 13% by 2030, to contribute to the Mayor's target of reducing overall traffic by 27% by 2030.

Southwark transport mode share



Asian and minority ethnic Londoners are more likely to walk and use public transport than white Londoners.



Key Principles

The EV Plan recognises the opportunities and challenges that EV bring, and then sets out 5 key principles:

- Mode shift: reduce car ownership and encourage greater use of sustainable and active travel
- Accessibility: must be accessible to all and not impede access or use of the footway
- Inclusion: roll-out that is inclusive to all regardless of income, ethnicity, gender and mobility
- Flexibility: supports the future flexible use of space
- Future Proofing: consider new and emerging technology as it develops

Forecasting – Vehicles

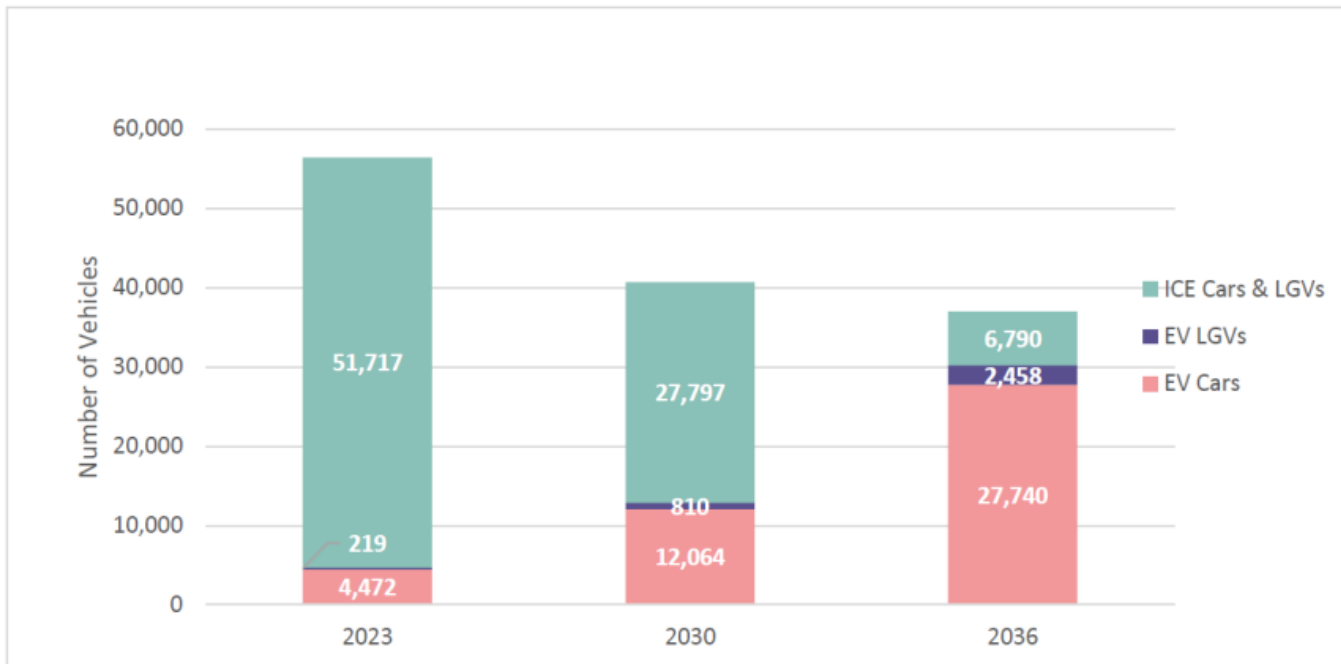


Figure 3-1: Forecast Number of Registered ICE Vehicles, EV Cars and LGVs in Southwark (CENEX, 2023)

National EV Insight & Strategy (NEVIS) Insights Toolkit

Forecasting – EV Chargepoints

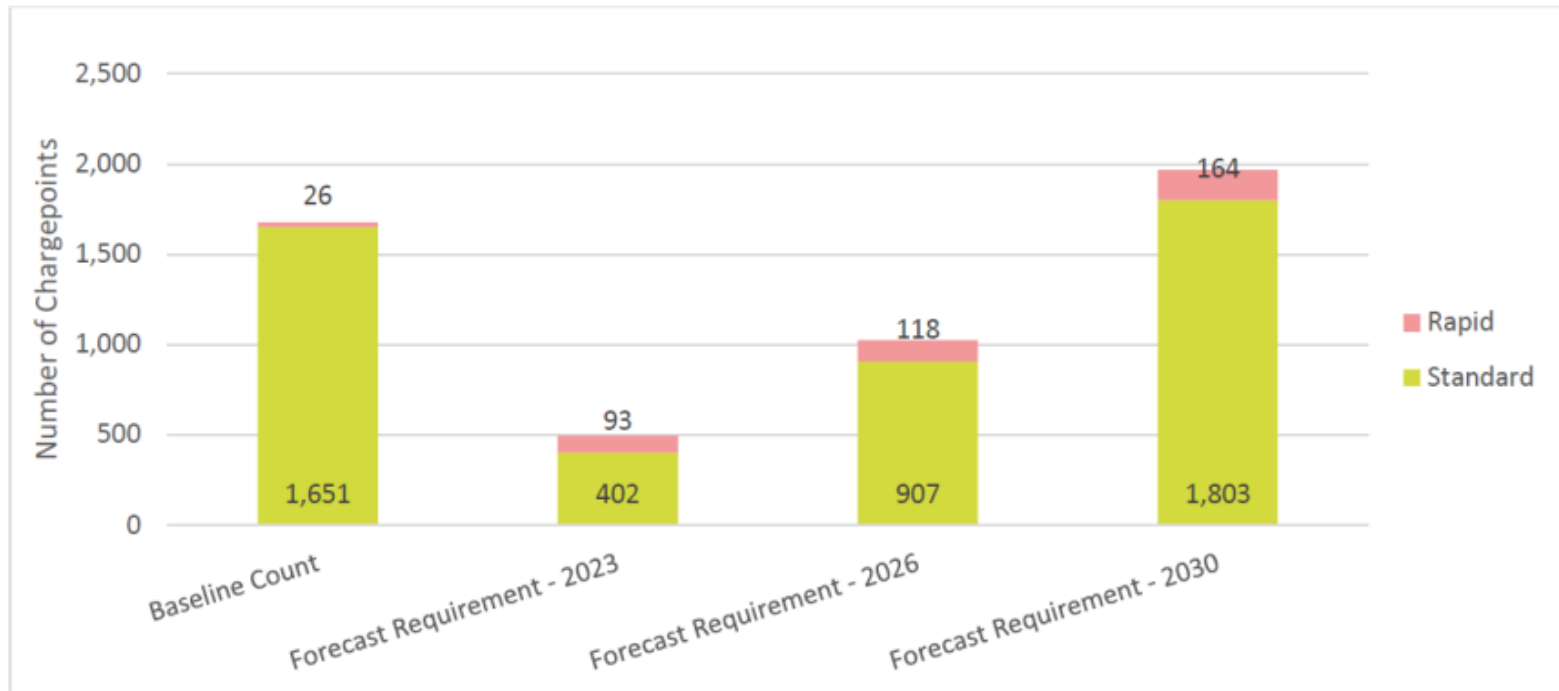
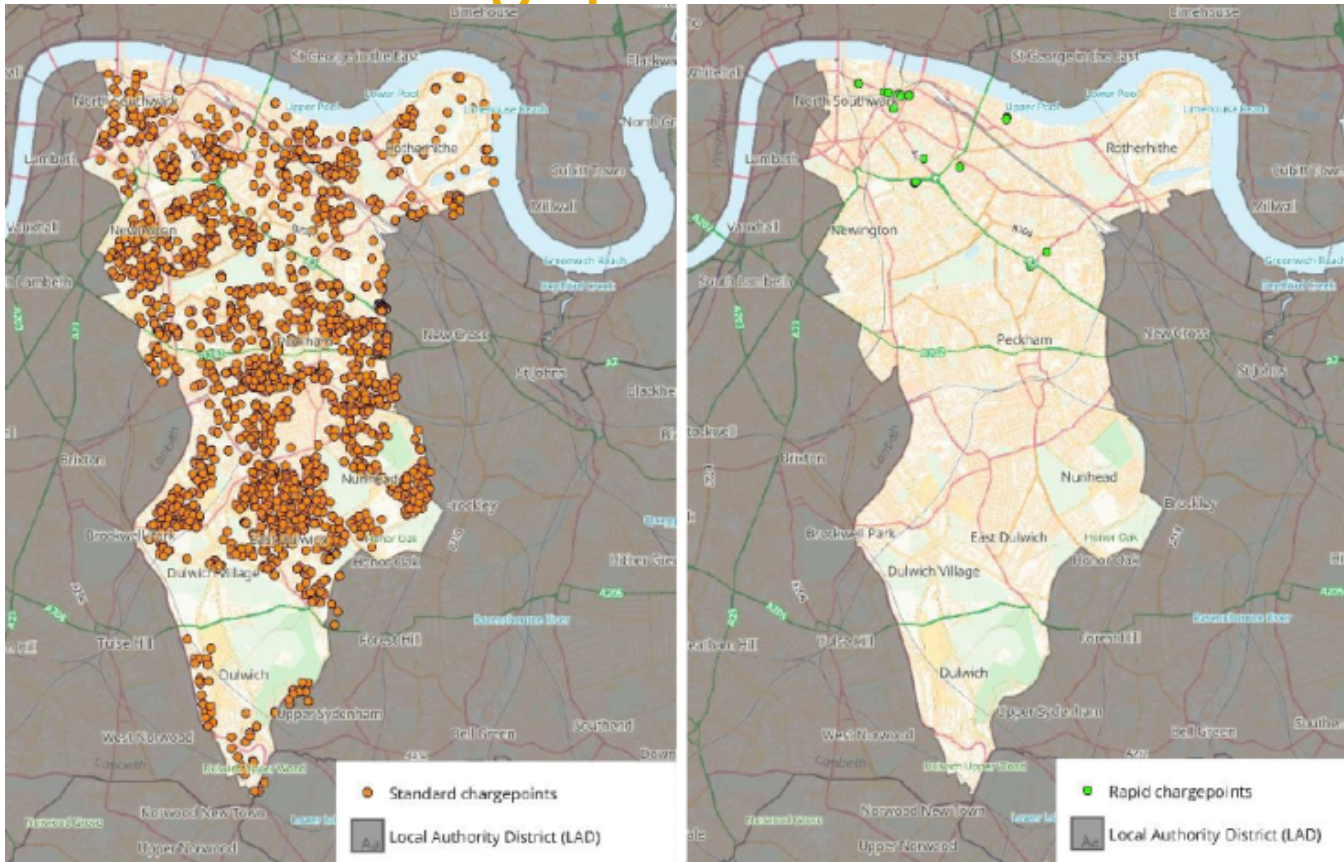


Figure 4-1: Current & Forecast Chargepoint Requirements (City Science, 2023)

Current EV Chargepoints



Also considered utilisation, time/day plugging in rates for standard and rapid

The EV Plan

The EV Plan sets the vision, reviews policy, sets out the key opportunities and constraints, what has been delivered to date and where we go next.

Three key areas containing a number of objectives:

EV Charging at home.....

Objective 1: Making on-street charging accessible

Objective 2: Extend Provision to Housing Estates

Objective 3: Support EV chargepoints on private land

EV Charging at your destination

Objective 4: Extend rapid chargepoint provision across the borough.....

Objective 5: Explore EV chargepoints on council land

A growing EV Network

Objective 6: Secure funding for the future.....

Objective 7: Explore sustainable funding models

The EV Plan

Headline Commitments include:

- Ensure all residents are within a 5-minute walking distance from a public charge point by 2026.
- Introduce and enforce EV bays in Controlled Parking Zones adjacent to EV chargepoints.
- Trial EV infrastructure at 20 housing estates across the borough by 2026.
- Deliver 40 rapid chargepoints by 2026, aim to deliver a further 60 by 2030.
- Support delivery of a robust EV charging infrastructure for our commercial fleet, as part of the council's Fleet Management Strategy.
- Utilise funding to address gaps in the standard chargepoint network.
- Work with a diverse range of Charge Point Operators to support choice and reduce cost to users.


Next Steps

The EV Plan is now published on the council's website:

<https://consultations.southwark.gov.uk/streetsforpeople/>

Closing date 31 Jan 2024

Comments and feedback welcome!



Streets for People - Electric Vehicle Plan

Take a look at Southwark's draft Electric Vehicle (EV) Plan, part of a set of Streets for People plans, and tell us what you think about our proposals to make Southwark a...