## Electric vehicles london



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We need to clean up London's air and rid the capital of the most polluting vehicles. The Mayor has an ambition for London to be a zero-carbon city by 2030 and to improve air quality as part of the Mayor's Transport Strategy.

To achieve this, we're supporting and accelerating the shift to zero emission technologies such as electric cars, led by an Electric vehicle (EV) infrastructure strategy.

Public charge points are available if you cannot charge your vehicle at home or at your workplace. The number of public charge points in London continues to increase.

Slow and fast public charge points are available on residential streets and at key destinations, including public car parks. The charging time will depend on the power level of the charge point and the capacity of your vehicle's battery.

Rapid and ultra-rapid charge points allow faster charging of your electric vehicle, taking as little as 20 minutes to get an 80% charge, depending on your vehicle"s battery capacity. The cost per kilowatt hour (kWh) is higher with a faster charging speed.

Zapmap also provide real time information showing charge point availability, price per kWh and route planning information as well as allowing drivers to filter for public charge points by power, connector types, networks and payment options.

London's electric vehicle infrastructure strategy looks ahead to 2030, taking into account recent and expected future developments in the industry. It updates our understanding of typical user requirements as the transition to EVs accelerates beyond early adopters.

The strategy - published in December 2021along with an executive summary - sets out what is needed to ensure enough EV infrastructure is in London by 2030, and proposes how we will work with the wider public sector and private sector to achieve this.

We have created an electric vehicle infrastructure support pack for borough officers to assist them with electric vehicle infrastructure strategy development and delivery of charge points.

We are working to support fleet and logistics operators on their way to meeting net zero carbon. We have created a commercial vehicle dashboard to show where there is a higher need for public charging points for vans in London. This dashboard includes a heatmap showing which areas will need more rapid, opportunity charging, as well as overnight, slow-to-fast charging for light commercial vehicles.

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There are different resources aimed at supporting fleets in the electric transition. LoCITY is an industry-led programme to help the freight and fleet sector lead the way in improving air quality and reducing carbon emissions. The Freight Portal provides resources on HGV fleet decarbonisation and wider fleet support schemes.

The London electric vehicle infrastructure delivery plan published in 2019 shows fleets, businesses and London's residents that there is a clear way forward towards the right type and amount of charging infrastructure to serve London's needs. Its forecasts have since been updated in our new EV infrastructure strategy.

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