



CONSULTATION DRAFT

Electric Vehicle Strategy

2019-2030

Summary





Our vision

When residents of West Sussex travel by car and small van they choose electric, and travel in a carbon neutral way.

Why EV is important to us

We want to support electric vehicle take up in the County to reduce carbon emissions; improve air quality and generate revenue without risk.

Aims

To achieve this vision we have three highly ambitious aims:

- 70% of all new cars in the county to be electric by 2030, but as a minimum we want to see at least 50% electric.
- There is sufficient charging infrastructure in place to support the vehicles we predict will be reliant on public infrastructure to charge.
- Ensure a renewable energy source for all charging points we enable.

Our solution

Our solution is aimed at both encouraging a quick switch to Electric Vehicles (EV), and addressing the barriers that are preventing the switch. Our solution has two strands:

1. Encouraging

- **Communication and engagement**

Ensure residents understand the options for and benefits of EV ownership, are aware of available grants, and where they can find charging points.

- **Incentives**

Offer incentives to encourage a switch to electric vehicles as soon as possible.

2. Enabling

- **New development**

Ensure the future long-term sustainability of EV charging by integrating infrastructure into new development

- **Provide a comprehensive and cohesive public charging solution on public land.**

We want to see three main types of charging infrastructure:

a) Residential charging – serving local residents primarily for overnight charging both in local off street hubs and on street. This will include guidance to enable residents to run cables in cable protectors across footways

b) Rapid hub charging - serving all EV users on street or in off street hubs

c) Destination (top Up) charging - serving all EV users, on street or in off street hubs

Delivery

Our preferred option for delivery and ongoing management, operation and maintenance is the use of a third party supplier.