Residential Chargepoints: Funding and developing schemes

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Energy Saving Trust

Electric Vehicles and Charging Infrastructure

Providing charging solutions for residents

1/3 of UK car owners do not have off-street parking. Higher in urban areas.

How can people without off-street parking charge an EV?

Destination Charging

Fast (and occasionally rapid) charging in locations you visit

Providing charging solutions for residents

Hub locations

Rapid charging in hubs similar to filling up in a petrol station

On street solutions

Charging alongside residential parking areas

- Street furniture

- Low powered/slow solutions vs. high powered/fast solutions

- Potential for upgrades? Roll of the private sector?

- Traffic regulation orders, signage

Sustainable

Analysed

Future proof

Enforced

On-Street Residential Charging Scheme

- Additional **£2.5 million of grant funding made available** for local authorities in 2019/2020

- The funding is available to **all local authorities** looking to install electric vehicle chargepoints for residents that lack off-street parking (this must be demonstrable)

- The ORCS grant covers **75% of capital costs** related to chargepoint installation

- The maximum amount OLEV will fund is **£7,500 per chargepoint**

- Maximum guideline funding of **£100,000 per application**

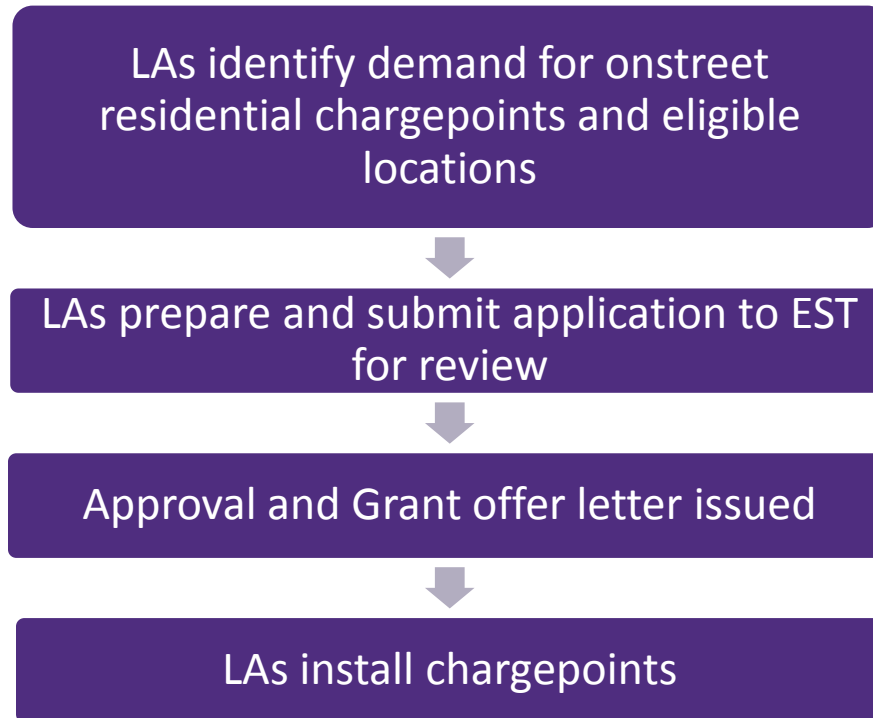- Must have support of relevant highways authority

Successful applicants 2018/19

Last financial year:

£1.6 million allocated

24 successful applicants

700 chargepoints installed

LAs identify demand for onstreet residential chargepoints and eligible locations

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LAs prepare and submit application to EST for review

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Approval and Grant offer letter issued

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LAs install chargepoints

EST will support you beyond your application and throughout the duration of your project.

We encourage local authorities to get in touch with us to receive expert advice throughout the application process.

EST can be contacted via the mailbox:
onstreetchargepoints@est.org.uk

Alternatively, authorities can refer to the OLEV Guidance and FAQs and EST's dedicated ORCS webpage

Lamppost charging solutions

Installed three double-headed fast chargers in a council owned car park.

Charging Infrastructure Investment Fund

- Announced in 2017 autumn budget - £400million public/private fund

- Fund manager announced in early 2019 – Zouk Capital

- First private funding from Abu-Dhabi based Masdar in September 2019 - £70k

- First beneficiary – Instavolt Ltd

- How does it work?

  - CIIF requires that investments are made in companies who are delivering EVCP

  - Funding provided to chargepoint providers for: chargepoints and EV hubs, software and platforms to manage their operation, battery storage solutions, delivery/reinforcement of grid connections

  - Should be focussed solely on delivering publicly accessible EVCP. However it can also fund: car club charging, fleet charging companies*, park and ride charging companies, multi-point dwelling unit companies

- A chargepoint company must be the primary bidder

The Local Government Support Programme

- Supporting Local Government to **develop, deliver and analyse** low emission transport initiatives and strategies that improve local air quality and reduce CO_2 emissions.

- Initially **targeted at the 3 waves of Authorities** on the "UK plan to tackling roadside NO2 concentrations", but is open to all Authorities.

- Individual support tailored to **own unique needs** and **situation**

- Developing a range of products to support local authorities:

    - Sustainable travel review

    - Planning policy advice

    - EV chargepoint policy advice

    - Business engagement support

The Local Government Support Programme

- Aims to **develop an individual action plan** to identify projects, programmes and comms activities

- Support the Authority to make those **projects a reality**.

Thank you

Any questions?