

Residential Chargepoints: Funding and developing schemes

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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?



Providing charging solutions for residents

Destination Charging

Rapid/Fast charging in locations you visit



Providing charging solutions for residents

Hub locations

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



Providing charging solutions for residents

On street solutions

Charging alongside residential parking areas



Challenges and Considerations

- Street furniture
- Low powered/slow solutions vs. high powered/fast solutions
- Charging tariffs
- Cross departmental working

Sustainable

Analysed

Future proof

Enforced

On Street Residential Charging Funding

- OLEV is continuing to support ORCS, with **£2.5 million of grant funding 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

Car parks are eligible, but...

- The car park must be owned by the authority and in or close to a residential area lacking off-street parking;
- The car park must be accessible 24/7
- At a minimum, local residents must be able to use the car parks for free overnight
- Each chargepoint must have a dedicated EV parking bay
- Local authorities must commit to keeping usage under review and consider restricting access to local residents for some or all of the time if residents are struggling to access them.
- There should also be a communications strategy –
 - e.g. a launch of chargepoints which targets local residents so that they are made aware of the points being available for use.

Successful applicants 2018/19



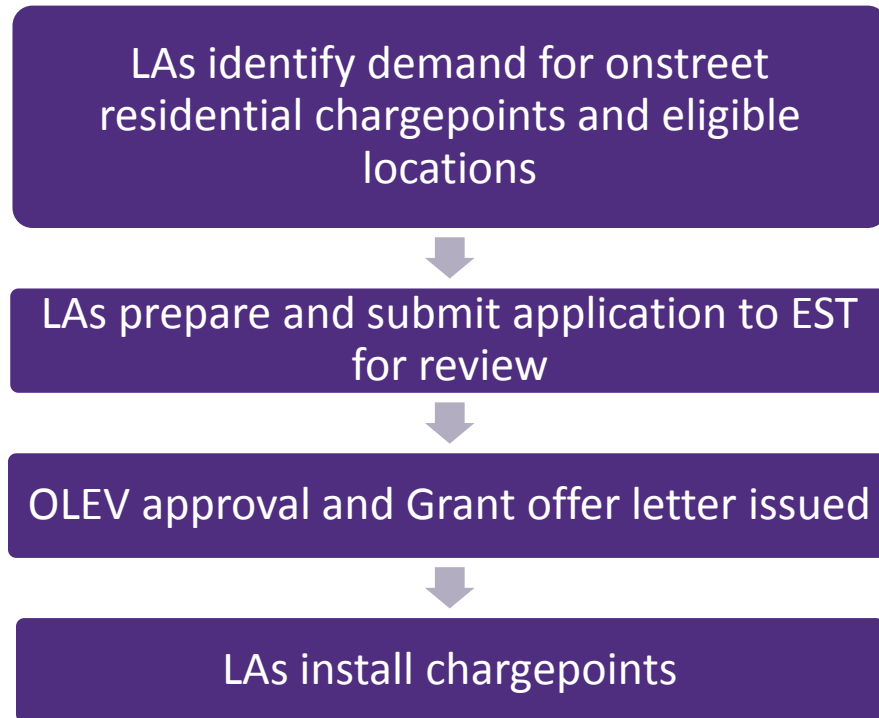
Last financial year:

£1.6 million allocated

24 successful applicants

700 chargepoints installed

Process for applying



Advice and guidance

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

West Suffolk Council

Lamppost charging solutions



Cranbrook and Sissinghurst Parish Council

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



The Local Government Support Programme

- A DfT funded programme, supported by the Joint Air Quality Unit
 - Supporting Local Government to **develop, deliver and analyse** low emission transport initiatives and strategies that improve local air quality and reduce CO2 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**
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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?