



Office for
Zero Emission
Vehicles

Delivering Net Zero EV Infrastructure Funding Update

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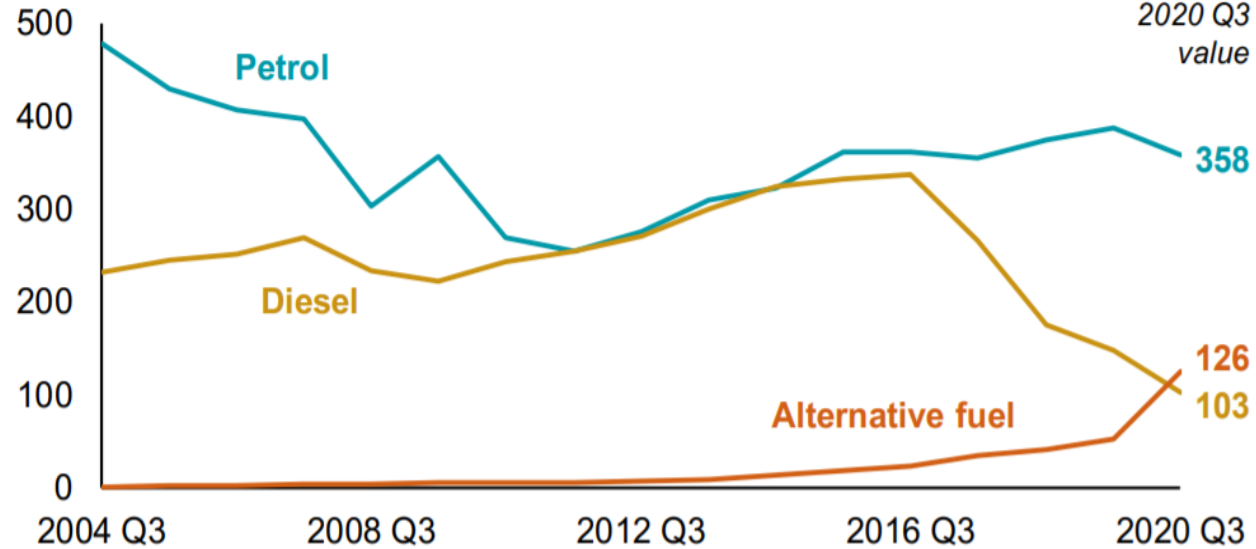


2020 – a year of challenges



2020 – a year of change

Thousands of cars registered for the first time - GB - Q3 only



New car registrations

Annual change in 2020 Q3 - GB

Diesel	Petrol	Alt. fuel
-31%	-8%	+137%

Department for Transport: Vehicle licensing statistics: 2020 Quarter 3
(July – Sept)



“We’ll invest more than £2.8bn in electric vehicles, lacing the land with charging points and creating long-lasting batteries in UK gigafactories...



...this will allow us to end the sale of new petrol and diesel cars and vans in 2030.”

Prime Minister – November 2020

2021 and beyond

Investment from the automotive sector in new plants and supply chains.

Continued reductions in battery prices.

More new models.

Massive roll out of charging infrastructure

Increased ease of use.



OZEV's £1.3bn Infrastructure Offer

- £950m for **future proofing grid capacity along motorways and key A roads** to prepare for 100% uptake of zero emission cars and vans ahead of need.
- £275 million for charge point installation at **homes, workplaces and on-street locations**
- £90 million to fund **local EV charging infrastructure** to support the roll out of larger on-street charging schemes and rapid hubs in England



Project Rapid

- £950m for **future proofing grid capacity along motorways and key A roads** to enable infrastructure required for 100% uptake of zero emission cars and vans ahead of need.
- Current estimates suggest that **14,000-16,000 chargers** will be needed by 2050.
- Working alongside external consultants to design delivery body for **Rapid Charging Fund to address market failures**
- Working on achieving published target of **six rapid charge points (150kW+) at every motorway service area by 2023**



Electric Vehicle Homecharge Scheme (EVHS)



- Provides up to £350 when installing an EV chargepoint in a property with **off-street parking**
- So far over 140,000 installations funded. £50m budget secured for EVHS and WCS next FY.
- EVHS to be expanded to provide **more help to people in rental and leasehold accommodation**
- Expanded scheme is expected to go live in the autumn. Current support for owner-occupied housing will end 31/3/22.

Workplace Charging Scheme (WCS)

- Supports businesses provide chargepoints for staff and fleet use, with grants of up to £350 per socket and a maximum of 40 sockets
- Since 2016, more than 13,000 sockets funded across 4,000 businesses
- WCS to be expanded to permit small accommodation businesses (e.g. B&B's) and charities to install chargepoints for visitors/guests
- More help coming for SME's to provide chargepoints for staff & fleets

On-Street Residential Chargepoint Scheme (ORCS)



- Our offer to local authorities: provides 75% of the capital costs of installing public charging infrastructure for their **residents without private parking**
- Chargepoints installed on-street and in residential car parks are eligible
- More than **105 local authorities** supported so far to deliver **140+ projects**



On-Street Residential Chargepoint Scheme (ORCS)



- In a letter to local authority CEOs, the Transport Secretary confirmed a **£20m budget for 2021-22**
- Officials continue to review scheme policy to address challenges where the market is unlikely to provide on its own
- OZEV will continue to work with Energy Saving Trust to encourage uptake and offer application support to authorities
- LA chargepoint infrastructure guide, produced in collaboration with the IET, due for publication in November

Local Infrastructure Fund

- We've secured a **multi-year settlement of £90m** to support rapid charging hubs and larger on-street chargepoint schemes.
- We are recruiting a team to design and deliver the fund.
- We want to focus on addressing areas of market failure and to leverage additional private sector investment.



How can you help?

- How could we improve our schemes?
- How can we make the new £90m scheme most effective?



Thank you

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