



Office for Low Emission
Vehicles

REA Interoperability Seminar

Wednesday, February 19, 20



Vision for the consumer charging experience



The Road to Zero

Next steps towards cleaner road
transport and delivering our
Industrial Strategy



Summer 2018

- Our vision is to have one of the best electric vehicle infrastructure networks in the world.
- A better consumer experience of using public chargepoints is crucial if we are to meet our 2035 ambition and as we move from the early to mass market for electric vehicles.
- Recharging an EV should be as straightforward as refuelling a conventional vehicle today.

The charging experience – ease of payment



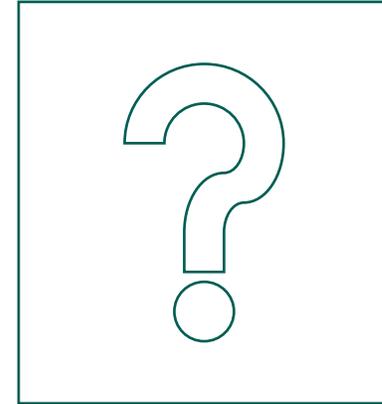
Summer 2019

“The government has today (15 July 2019) set out that it wants to see all newly installed rapid and higher powered chargepoints provide debit or credit card payment by spring 2020.”

“...the government has signalled it expects industry to develop a roaming solution across the charging network, allowing electric vehicle drivers to use any public chargepoint through a single payment method without needing multiple smartphone apps or membership cards.”



The charging experience – Information



January 2020

“The government is also looking at how to make information about all public chargepoints including locations and power ratings openly available in a standard format for the first time.”



January 2020

“Roaming should allow drivers to access any public chargepoint without signing up to multiple apps and memberships through a single identification or payment method or through the use of an existing subscription.”

“...public chargepoint operators, owners and market actors must make data..... consistent and openly available for EV drivers by 2021.”

June 2019

“Government and Ofgem should direct the sector to adopt the principle that Energy System Data should be Presumed Open....”



EU Alternative Fuels Infrastructure Directive

transposed into UK law

Automated and Electric Vehicles Act

- Access & Connection
- Information
- Reliability
- Fuel retailers/MSAs
- Smart capability

Changing the regulatory framework





Thank you

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