

## Appendix 1: Local Authority Case Studies

### Examples of electric vehicles in the public sector

#### *Dundee City Council*

Dundee has a number of strands to its electric vehicle activity:

- EV charging infrastructure: The Council have installed 56 chargers in Dundee so far; the majority of which are publically accessible. They also have their own fleet of electric vehicles. Funding of £1.5m from Transport Scotland.
- EV charging hubs: Over 50% of homes in Dundee do not have the capability to charge electric vehicles at home. To address this the Council is investing in hubs of rapid charges near key locations in communities such as shops, cafes etc. 14 rapid and 8 fast chargers, battery storage, solar canopy and smart mobility solutions are being installed. Funding of £1.86m from the Office of Low Emission Vehicles (UK Government).
- Taxi industry: the Council has supported and encouraged the take up of EV taxis; reaching their target of 10% of city taxis fully electric by the end of 2017. Funding of £610k from the Office of Low Emission Vehicles (UK Government).
- Drive Dundee Electric campaign: This sought to increase EV uptake by raising awareness of the technology, promoting incentives and highlighting the benefits. The campaign was promoted at events and engagements with business etc. Funding of £10k from the Air Quality fund and £45k from Transport Scotland was received.
- Infrastructure: Dundee has worked collaboratively with neighbouring authorities to ensure infrastructure is seamless.
- Parking: There is free parking in Council car parks for electric vehicle owners.

#### *Cumbria County Council*

Following a review of its fleet by the Energy Saving Trust (ULEV review) Cumbria County Council has introduced 15 electric cars into its car pool/fleet as well as installing 36 charge points across the County. These will serve the Council's electric fleet vehicles and will enable the public to charge their vehicles at competitive rates. This has been funded by the Office of Low Emission Vehicles. By utilising electric fleet/pool car vehicles, the Council is seeing a price per mile reduction of up to 60%.

#### *Reading Borough Council*

Reading is converting a number of its fleet vehicles in vans to electric vehicles as part of its drive to improve air quality. Its first van was operational in August 2017 and is used by the Council's animal warden. They have also installed charge points at the Civic Offices and will be installing more in other car parks. Also, Reading Buses – the Council owned bus company – has the highest proportion of hybrid or CNG powered buses (nearly 50%) of any fleet in the country.

#### *Welsh Local Authorities*

A number of other local authorities such as Wrexham County Borough Council and Conwy County Council have invested in electric pool cars and fleet vehicles as well

as charging infrastructure in key tourism destinations. Cardiff Council are to investigate options for developing a zero carbon bus fleet that would be powered by electricity and hydrogen. They are also committed to increasing the number of charging points around the city to encourage low emission vehicle ownership. Newport City Council have added 2 electric cars to its fleet which will be used by their Private Sector Housing team and have also installed a charge point at the Civic Centre which the public will be able to use during evenings and weekends. The Council have also signed up to the UK100 pledge a network of local authorities focused on a full transition away from fossil fuels by 2050.