

An overview of policies and examples of taxi and private hire fleets becoming cleaner and greener

Insight from the Low Carbon Vehicle Partnership low-emission taxi workshop

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Low Carbon Vehicle Partnership



- [Low emission taxi guide](#) with the Energy Saving Trust
- “Helping Local Authorities implement low emission taxi and private hire vehicle schemes”
- Project brief. CAZ pressure
- Air pollution
- Licensing
- Range of fuel and technology options
- Local authority workshop
- National policy perspective
- Local authority case studies



National Policy Perspective



The Road to Zero Strategy

“This is a strategy for the whole UK and all the measures outlined (except where indicated) are available across the UK. We will continue to collaborate closely with the devolved administrations in Scotland, Wales and Northern Ireland, and partners in local government”

“The devolved administrations and local authorities have a crucial role to play during the transition to zero emission vehicles and addressing local air quality issues. Many local authorities are already taking action to accelerate the transition to zero emission road transport, including the eight Go Ultra Low cities”

The Scottish government has said it will phase out the need for petrol and diesel vehicles by 2032, earlier than UK 2040 target

Scotland has announced that it will accelerate the procurement of ultra low emission vehicles in the public and private sector car and van fleets by the mid-2020s and into the commercial bus fleet by the early 2030s

Local Authority Case Studies



Birmingham City Council

- NOx reduction Champions project
- 2014 - £500,000 from the Department of Transport to convert c.80 taxis to LPG
- LPG free entry to CAZ & meet Euro 6
- LPG conversion, final cost £7,700 per vehicle. VAT only cost to drivers
- NOx emissions testing results
- Early and continued engagement
- Found that drivers like the technology but not willing to pay

Nottingham City Council

- Aging fleet. 411 Diesel Hackney Cabs, average age 14yrs / Euro 3
- Policy changes
- ULEV support package. 3 main areas
- Evidence/ Suitability. Cenex assessment. Data loggers
- Electric taxi trial. 3 council owned taxis. 12 day loan £50. 7 supported so far
- Financial support (coming 2019). Home charger grants. Licencing cash back scheme
- Infrastructure, taxi charge point network

Brighton & Hove Council

- Air quality
- 2005 parking permits 50% discount for low emission vehicles
- 2009 first public EV fast charging points
- Recent OLEV bid for 200 on-street lamppost chargers
- By 2024 Ultra low emission zone for Euro 6 busses only
- Survey & analysis. Only 1/3 taxi drivers have a driveway. Range anxiety
- Engagement, personal health benefits

Common Themes

Engagement is Key!

- Need to have engaged champions
- Surveys. Barriers to EVs
- Forums
- Broaden knowledge. Taxi driver knowledge is key
- Air quality awareness

Local Authority Collaboration

- Ideas sharing and events
- Joint bids
- Go Ultra Low Cities group, OLEV funded
- Dundee 100 electric taxis

Infrastructure

- Knowledge
- Funding
- Pilot schemes
- On-street charging options
- Aesthetics. Accessibility
- EV only parking bays. Enforcement?



APSE Energy Publication

Go Ultra Low Oxford

This document explains the steps Oxford have taken so far, some of the problems they have come across and solutions they have identified, how they have engaged with private and public sector partners and what they plan to do next.

It will help other local authorities when they are considering their own approaches to this issue over the coming years and highlight the progress that can be made.

Series of Oxford publications, tracking progress

APSE Energy members free electronic and hard copy

Go Ultra Low Oxford

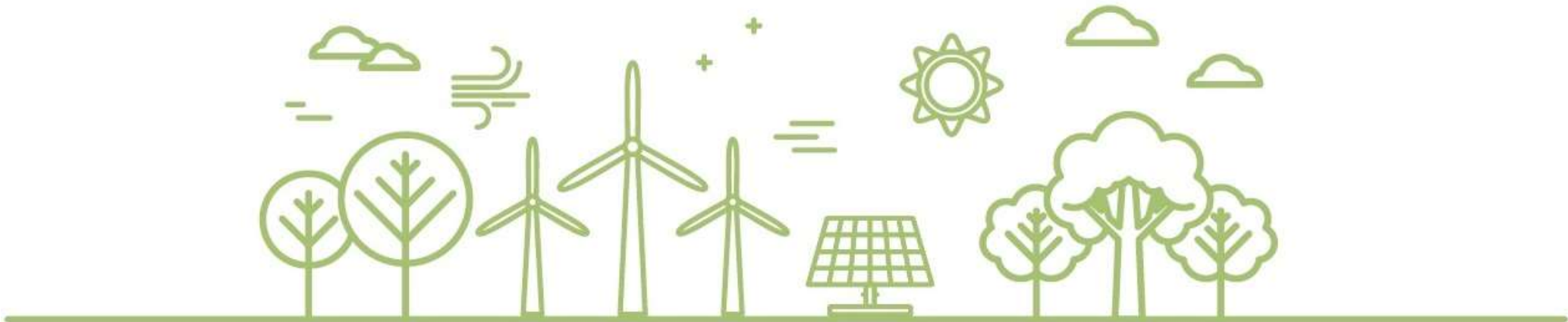
On-street residential charging for electric vehicles

A report on the design, procurement and installation of Oxford's flagship electric vehicle charging projects



Discussion

1. Have you progressed any EV taxi projects? What barriers to EV taxis do you experience in your area?
2. Rapidly developing area. News of Uber in London last week. What would help you to keep up to date?
3. Would you consider introducing an electric taxi trial in your council?





THANK YOU

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