

London Councils' Transport & Environment Committee

Ultra Low Emission Vehicle (ULEV) Delivery Plan

Item
No: 20

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Summary: TfL is developing a new Ultra Low Emission Vehicle (ULEV) Delivery Plan which will be published in July 2015. The Delivery Plan has been produced in consultation with the ULEV industry and boroughs. This includes meetings with borough officers on: rapid and residential charging infrastructure issues; OLEV funding; car clubs; and a specific ULEV Delivery Plan workshop at the recent Transport Emissions Roadmap event on 20 May. Further input and suggestions are now invited from boroughs, to be emailed directly to rhonamunck@tfl.gov.uk.

The Delivery Plan sets out actions on charging infrastructure, R&D, funding, incentives and supporting policies that will be required to drive uptake of ULEVs. This will require collaboration with and support from many parties, including boroughs.

The actions in the Delivery Plan are designed to normalise ULEVs and deliver a significant increase in uptake. This will achieve air quality, CO₂ and economic benefits and demonstrate that London is leading this agenda, supporting our bid to OLEV for Go Ultra Low City Scheme funding.

Recommendations: The Committee is asked to NOTE the upcoming ULEV Delivery Plan and provide any suggestions for the document directly to rhonamunck@tfl.gov.uk

Background:

Aim of the ULEV Delivery Plan

The Mayor and Transport for London are committed to increasing the number of Ultra Low Emission Vehicles (ULEVs) in London. ULEVs have the potential to deliver significant environmental benefits for London and the UK through reduced or zero tailpipe emissions of air pollutants and CO₂.

In 2009, the Mayor published his Electric Vehicle Delivery Plan (EVDP) which set out his vision for London to become the electric vehicle capital of the world. Since 2009 the market has developed and a number of new alternative vehicle and charging technologies have emerged. This makes ULEVs an increasingly viable and affordable alternative to conventional internal combustion engine (ICE) cars and vans. However, action from a number of parties is needed to transform ULEVs from a niche market of innovators and early adopters, to an attractive option for all Londoners.

The ULEV Delivery Plan will outline a set of actions to achieve the full potential of the ULEV market in London. These actions support the implementation of ULEZ and the Transport Emission Roadmap (TERM) by tackling the practical and technological challenges that currently prevent mainstream uptake of ULEVs. The Delivery Plan focuses on the three key themes of Infrastructure; Vehicles; and Marketing, Incentives & Regulation, building on the areas of focus tackled in the 2009 EVDP.

Stakeholder engagement

The Delivery Plan will require collaboration and support from stakeholders across the public sector, the automotive and charge point industries, and car clubs. As such, the actions have been developed in consultation these stakeholders. For boroughs, this included an interactive workshop as part of the recent TERM event on 20 May, attended by air quality and transport policy officers. We have also consulted with boroughs in discussions specifically on rapid charging, the OLEV City Scheme funding bid, car clubs and residential charging. We now invite boroughs' further input into the Delivery Plan after this Committee meeting. Please email Rhona Munck (rhonamunck@tfl.gov.uk) if you have any comments or suggestions.

The key aspects into which we particularly welcome further borough input are:

- Working with boroughs and BluepointLondon to improve and expand the Source London network, including financial support to fix faulty charge points prior to contract variation agreements being signed.
- Working with boroughs to tackle the issue of residential charging provision, acknowledging that London has a high density population where many residents do not have access to private, off-street parking to charge EVs overnight.
- Deploying a rapid charge network in London to facilitate charging of high mileage, urban fleets such as taxis, private hire vehicles and other commercial fleets
- Providing guidance on charging infrastructure locations, informed by research on likely EV uptake distribution across London as well as fleet mapping and residential charging studies. This will provide a strategic overview to inform boroughs and charge network operators looking to install infrastructure, helping ensure we end up with a strategic network of infrastructure that is in the right place and of the right type.

Launch event

The ULEV Delivery Plan will be launched on 22 July at a high profile event to which senior representatives at all boroughs will be invited. Please contact Rhona Munck (rhonamunck@tfl.gov.uk) if you have not received an invitation by COP 19 June.