

LowCVP 2016

Progress through Partnership



Andy Eastlake

Managing Director - LowCVP

LowCVP and its members

- Working to *accelerate the shift to low carbon vehicles and fuels and stimulate UK business opportunities*
- A platform for consensus building across stakeholders
- (In)forming sound policy and opinions, busting myths and scrutinising rhetoric
- Helping users and policy makers see past the headlines and get representative and robust evidence
- Building bridges across sectors to collaborate for future success
- Linking Carbon and Air Quality together
- Listening to government, industry and users!

Cars

Helping users choose the best low emission car for them

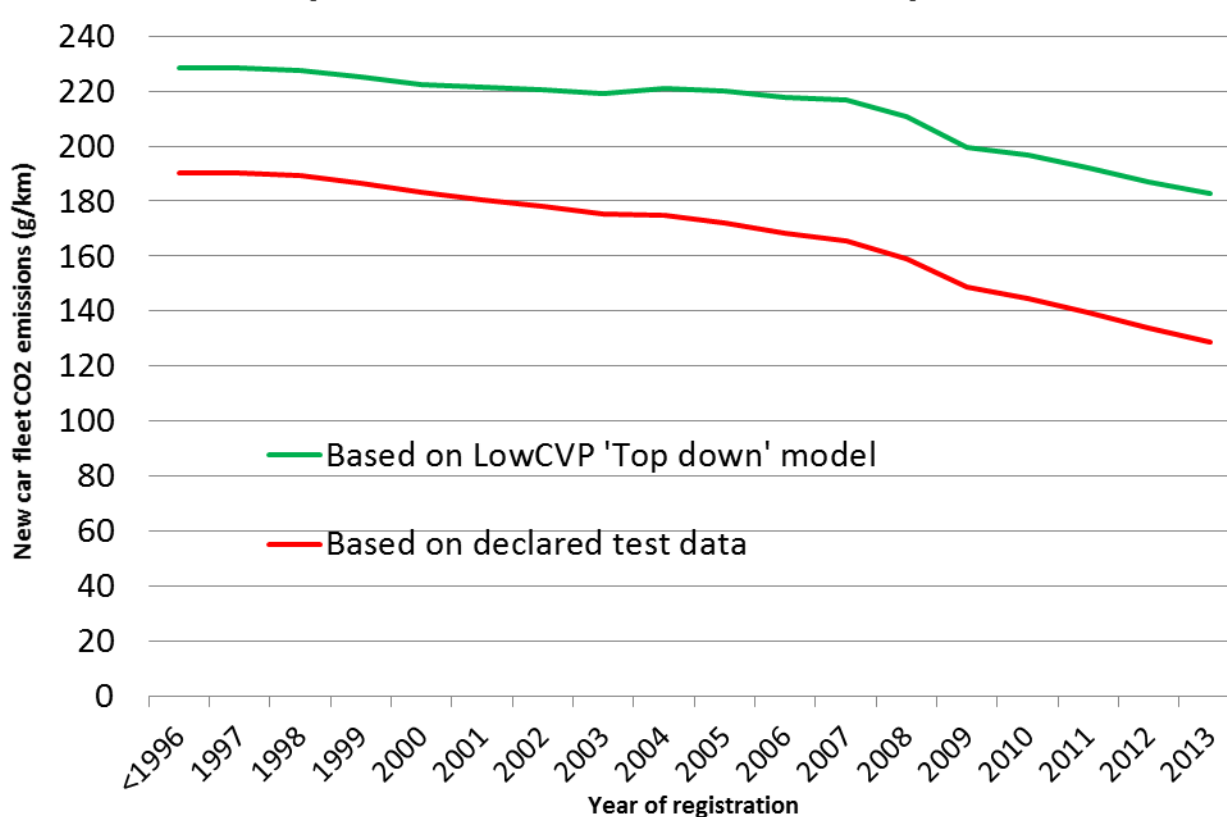
- Demystifying the changes to testing to establish the potential of the WLTP and RDE in consumer education
- Developing the next generation of consumer information
- Supporting best practice in local ULEV support policies
- Mapping future financial models for low carbon cars



Myth – “New car CO2 is not improving”

- New car CO2 is improving year on year in the real world!
- The rate of improvement has increased with legislation

UK New petrol car fleet - CO₂ data comparison



Gap to Test cycle is partly due to test but also:

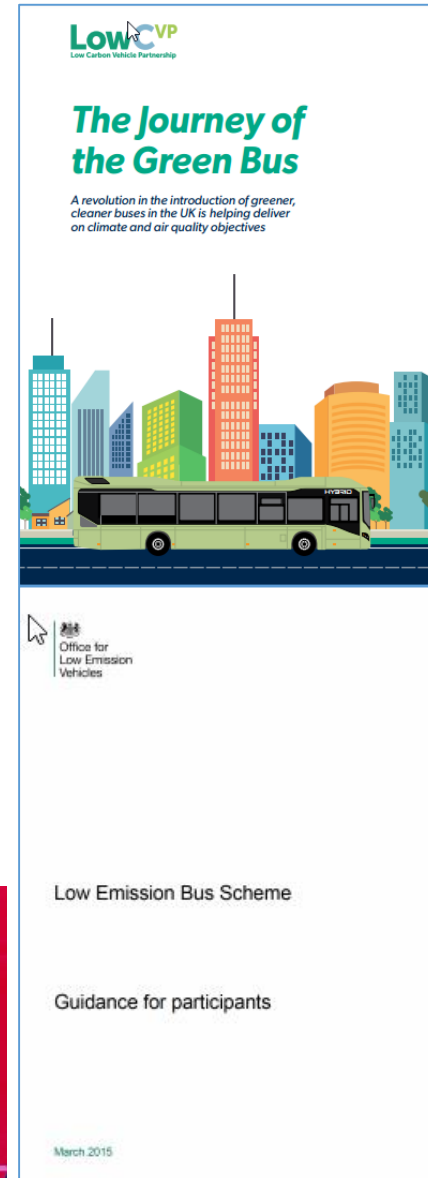
- Driver
- Load
- Road conditions
- Maintenance
- Weather
- Etc etc

- Further analysis needed
- But new test very welcome

Buses

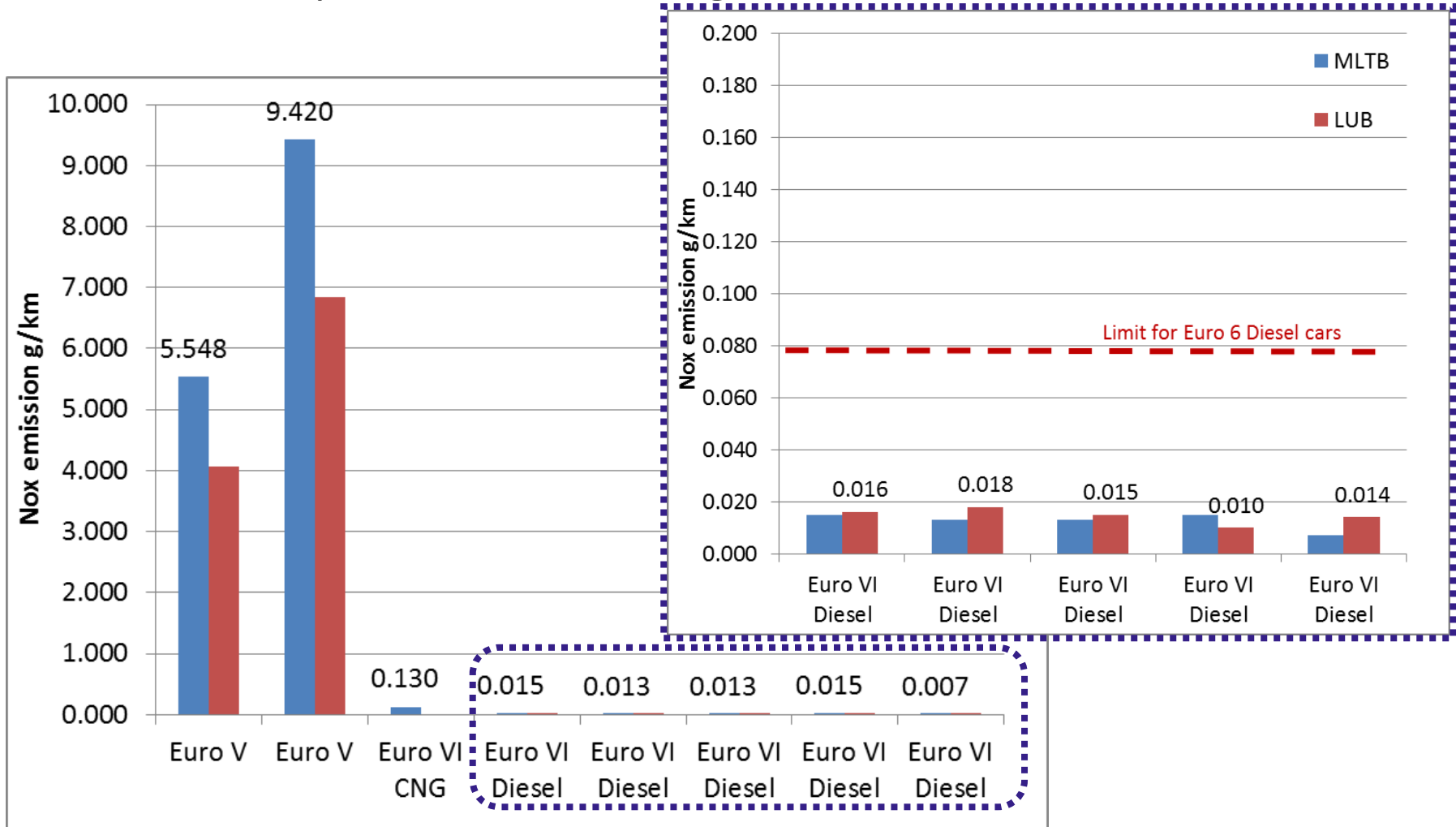
Transforming the market for low emission Buses

- Refreshing the test standard and cycles for more representative operation
- Linking air quality and green house gas from well to wheel
- Supporting OLEV and DfT in low emission bus funding scheme
- Showcasing the benefits of “Green Buses” in use and for users
- Monitoring and disseminating the performance



Myth – “All diesels are dirty”

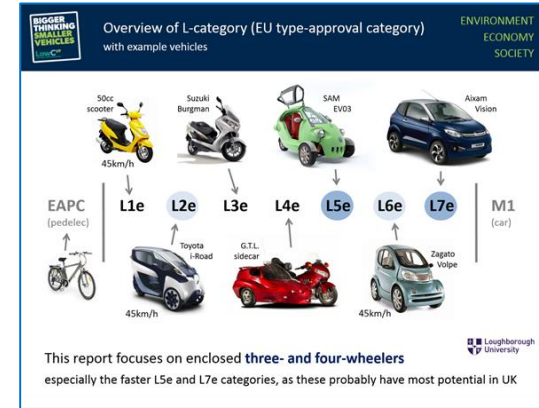
- Clean diesel is complex but Euro VI HDV engines (in buses and trucks) deliver NOx levels in representative testing far below those required for the next generation of cars



SMEs and Innovation

Creating opportunities for SMEs and innovators in low carbon technology

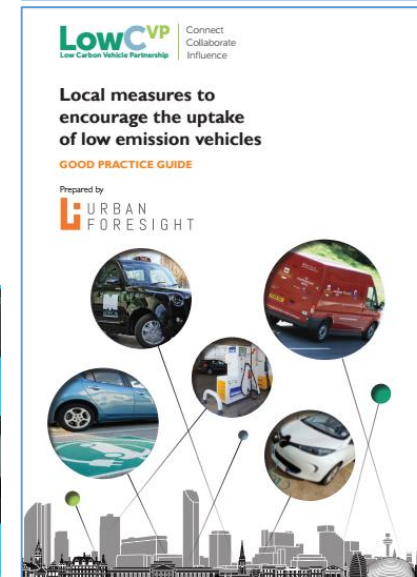
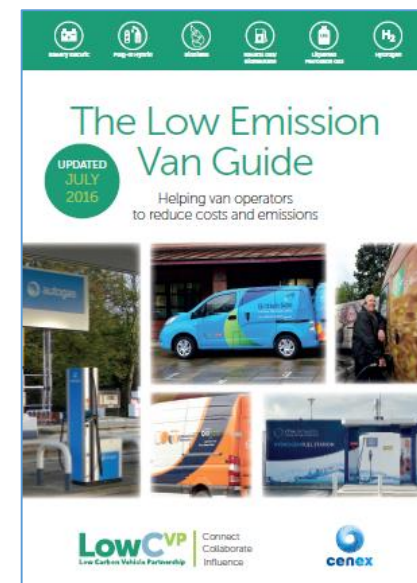
- Researching the micro (L category) ULEV market opportunities
- Innovation workshops and the funding spectrum
- Technology pitching and consortium building
- Creating and supporting the 'collaboration community'



Light Goods Vehicles (Vans)

Stimulating the market for low and ULEV vans

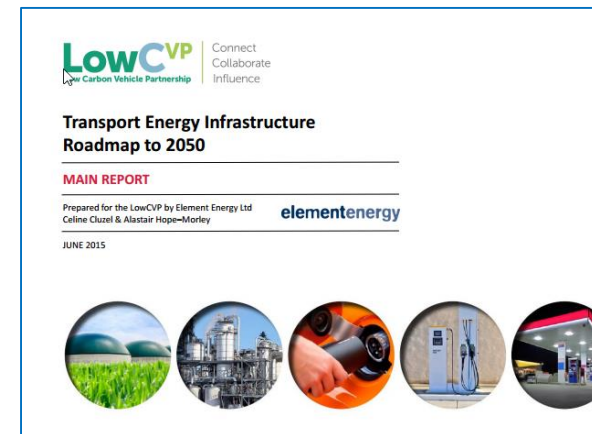
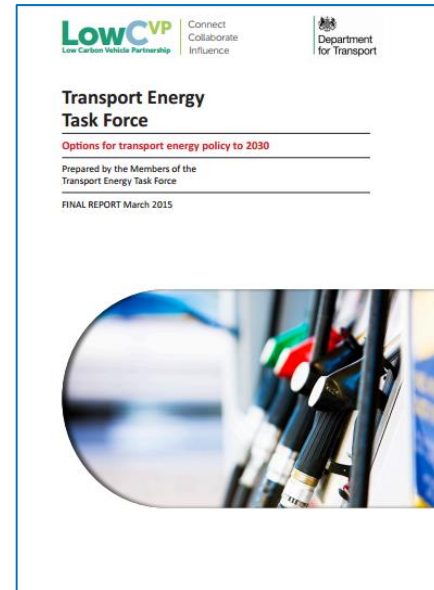
- Developing the test standards with LoCITY for representative van operation
- Creation of 'Low Emission Van Guide' with CENEX (updated version published tomorrow)
- Creating local policy guide for enhancing the user incentives and complementing the OLEV PiVG
- Disseminating the guides and providing an information resource to support the market



Low carbon fuels

Maximising the GHG savings through using the encouraging lowest carbon fuel options

- Building on the Transport Energy Task Force
- Developing the evidence for E10 introduction
- Sustainable biodiesel policy support
- Mapping the infrastructure for low carbon fuels
- Creating a EV network group (with EA technology) to break down barriers for EV uptake and energy supply



Heavy Goods Vehicles

Kick-starting the market for ‘Green Trucks’ through providing the evidence and information help operators choose more efficient trucks and lower carbon fuels and defining a “Low Emission Truck”

- Independent accreditation of low carbon and low emission technology – **launching today**
- Developing the evidence base for gas powered HGVs – publishing summer
- Supporting the development of Low emission truck trials and “Green Truck 2”



Low carbon technologies for HGVs

Building the market
Saving carbon and saving fuel

Announcing the LowCVP Certification Scheme for Aftermarket Technologies:

Evidence	<ul style="list-style-type: none">• Operators get reliable, trustworthy and relevant information on likely effectiveness for their duty cycles• Suppliers can demonstrate realistic savings, independently evaluated
Recognition	<ul style="list-style-type: none">• Suppliers gain marketing opportunities, able to distinguish themselves from the noise of salesmen• Innovative and genuinely effective products encouraged• Certificate issued for products that meet the mark
Incentives	<ul style="list-style-type: none">• Win-win for suppliers and operators via increased sales and fuel savings• Government can properly target support mechanisms towards genuinely effective products

Office for Low Emission Vehicles | **LowCVP** | Connect - Collaborate - Influence



2016/17 and beyond

- LowCVP aims to help build the platform in each market segment with robust assessment and information
- 2020 – 2030 needs to be the “decade of change”
 - Mainstreaming electrification
 - Defining sustainability
 - Revolutionising mobility purchase
 - Capitalising on renewable energy opportunities
 - Embracing autonomy
 - Creating “User 2.0” (the new mobility consumer)
- Where low carbon overtakes conventional

Success through partnership

- LowCVP team – facilitating and mobilising the change

