

BWG-P-10-22

Monitoring LCEB role out

Update

BWG

9th November 2010

Jonathan Murray, Deputy Director

Low Carbon Vehicle Partnership



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Welcome

The Low Carbon Vehicle Partnership is an action and advisory group, established in 2003 to take a lead in accelerating the shift to low carbon vehicles and fuels in the UK and to help ensure that UK business can benefit from that shift.

The LowCVP is a partnership of around 170 organisations from the automotive and fuel industries, the environmental sector, government, academia, road user groups and other organisations with a stake in the low carbon vehicles and fuels agenda.



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Keep up to date with the latest news by signing up to the LowCVP's monthly e-Newsletter.



HGV Technology Challenge



Low Carbon Emission Buses



Find out more >

The Fuel Economy Label Explained



www.lowcvp.org.uk/lceb/

Latest news

more news

Report shows car makers on target to achieve 2015 CO2 targets early

4 November 2010

The European car industry reduced sales-weighted new car average emissions of CO2/km by a record 5.1% in 2009. All 14 major manufacturers cut their average new car emissions with rates between 2 and 10% according to the fifth annual report which has been released today by Brussels-based group Transport & Environment.

[view more](#)

Spending Review provides ongoing support for the Low Carbon Vehicle Partnership and other low carbon road transport initiatives

22 October 2010

The Department for Transport (DfT) has announced that it will continue to support the Low Carbon Vehicle Partnership and other low carbon vehicles and fuels initiatives following the Coalition Government's Comprehensive Spending Review which was delivered by the Chancellor this week. [view more](#)



Future events

- > Eco2 Transport Show - London 16-18 November
Date: 16/11/2010
- > RAC Foundation Conference - The Road Ahead: Governing and Paying for England's Roads in the Age of Austerity
Date: 22/11/2010

[More events]

Join the LowCVP
[Find out more >](#)

LowCVP e-Newsletter

Name:

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Search our new member directory



Only four LCEBs listed on website to date

ADL



Alexander Dennis Enviro 400 H. Double deck 10.8m bus. Maximum passenger capacity 88.

- **Model:** Enviro 400 H
- **Manufacturer:** Alexander Dennis

Volvo



Volvo. Double deck 10.4m bus. Maximum passenger capacity 87.

- **Model:** B5L - Hybrid
- **Manufacturer:** Volvo

Wright



WrightBus Electrocitiy 2 HEV. Single deck 10.3m bus. Maximum passenger capacity 57.

- **Model:** Electrocitiy 2 HEV
- **Manufacturer:** WrightBus

Wright



WrightBus Gemini 2 HEV. Double deck 10.4m bus. Maximum passenger capacity 87.

- **Model:** Gemini 2 HEV
- **Manufacturer:** WrightBus

- No data on the ADL 200H – has it been certified as LCEB?
- Wright RTV Street car – has it been certified as a LCEB?
- No data on Optare buses



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Market Monitoring

This section provides the latest market news for low carbon buses in the United Kingdom, the number of vehicles in circulation and where they are in service. You can search for specific items of news by typing in a keyword.



14 October 2010
Stagecoach to invest 9m in new greener hybrid electric buses

Stagecoach confirmed today (14 October 2010) that it is to invest around 9 million in a fleet of 47 state-of-the-art hybrid electric buses for Newcastle and Sheffield....



15 July 2010
ADL forges ahead with hybrid strategy as 26 Enviro400H go into service in Oxford

As a fleet of electric-hybrid buses took to the streets of historic Oxford, as part of the UK's biggest single investment in green bus technology, the man behind their creation forecast that Britain.....

05 July 2010
Government announces further 15m funding for green buses

The Government has announced that over 150 new low carbon buses will join fleets throughout England as a result of an additional 15m funding, announced by Transport Minister Norman Baker....



30 June 2010
Greener, cleaner buses just the ticket for Scotland

Scottish First Minister Alex Salmond got a glimpse of the future when he boarded a revolutionary Scottish-built bus that promises greener, cleaner transport for operators and passengers

across.....

28 May 2010
Volvo to commence serial production of hybrid buses

Volvo Buses will now commence serial production of its hybrid bus Volvo 7700 Hybrid and the double-decker Volvo B5L Hybrid. The hybrid bus will reduce fuel consumption by up to 35% and carbon.....



01 April 2010
ADL forges ahead with large scale hybrid production

Alexander Dennis Limited (ADL) is forging ahead with production of the first large-scale orders for hybrid buses in the UK....

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Low Carbon Emission Buses
Currently On The Road

Market Monitoring



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Areas of Operation

This map shows the locations of currently active Low Carbon Emission Buses. Please select a marker to view further information or to visit the manufacturer's website.



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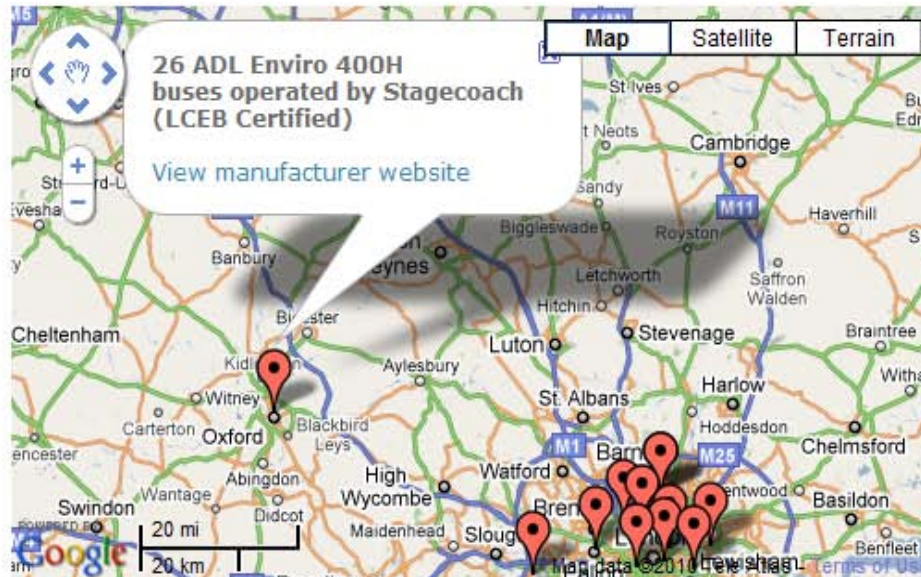
Accredited LCEBs

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Areas of Operation

Areas of Operation

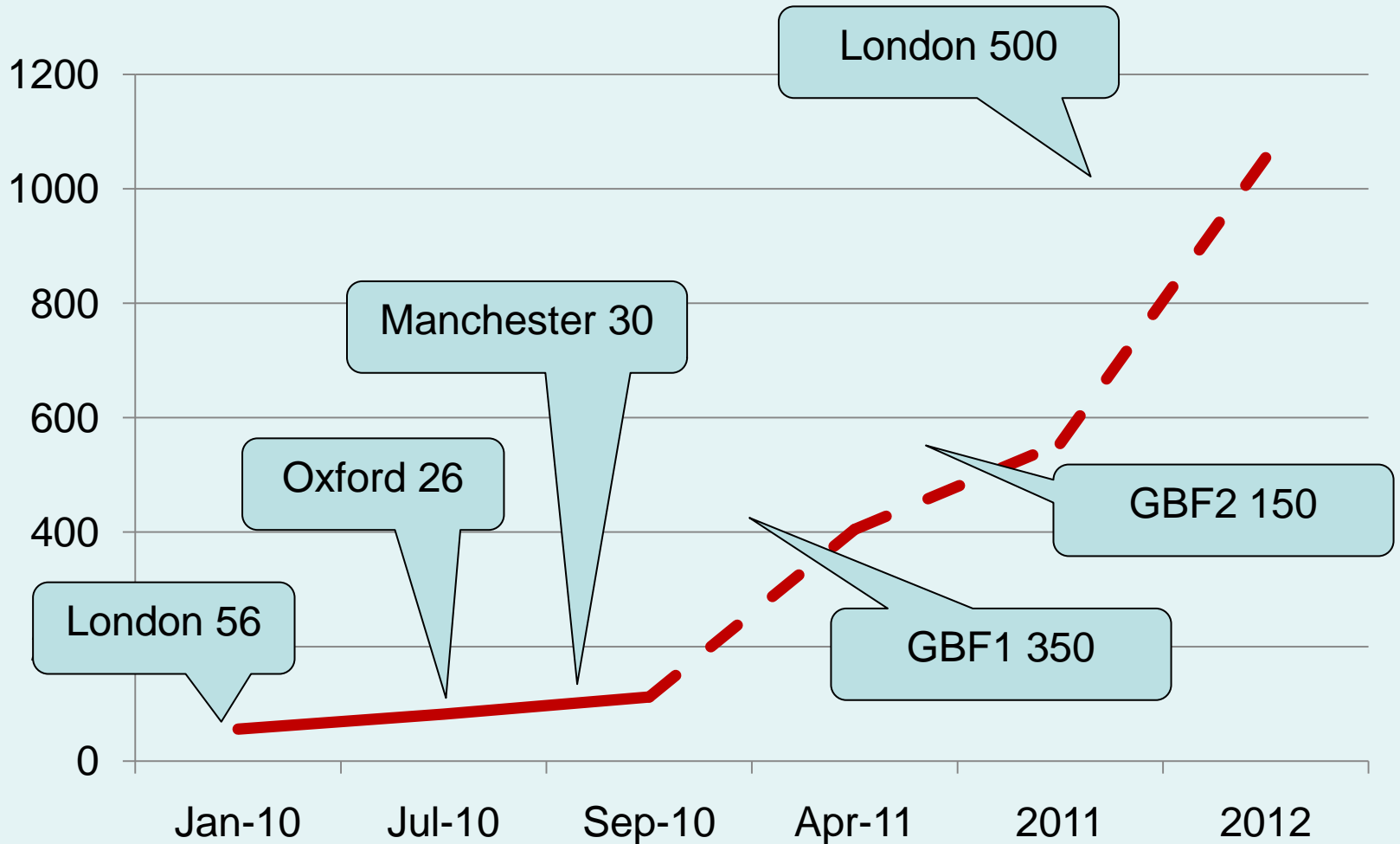
This map shows the locations of currently active Low Carbon Emission Buses. Please select a marker to view further information or to visit the manufacturer's website.



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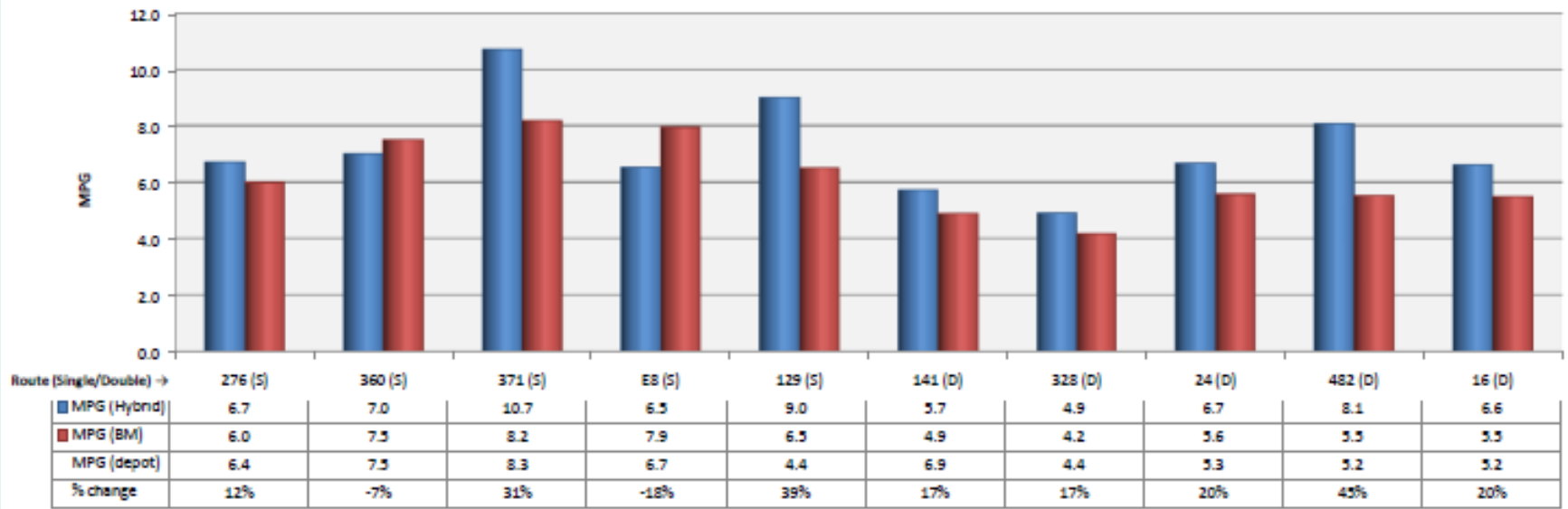
Low Carbon Emission Buses
Currently On The Road

Low Carbon Emission Buses on the road in UK



In service monitoring of LCEBs

Miles Per Gallon (MPG) year to date

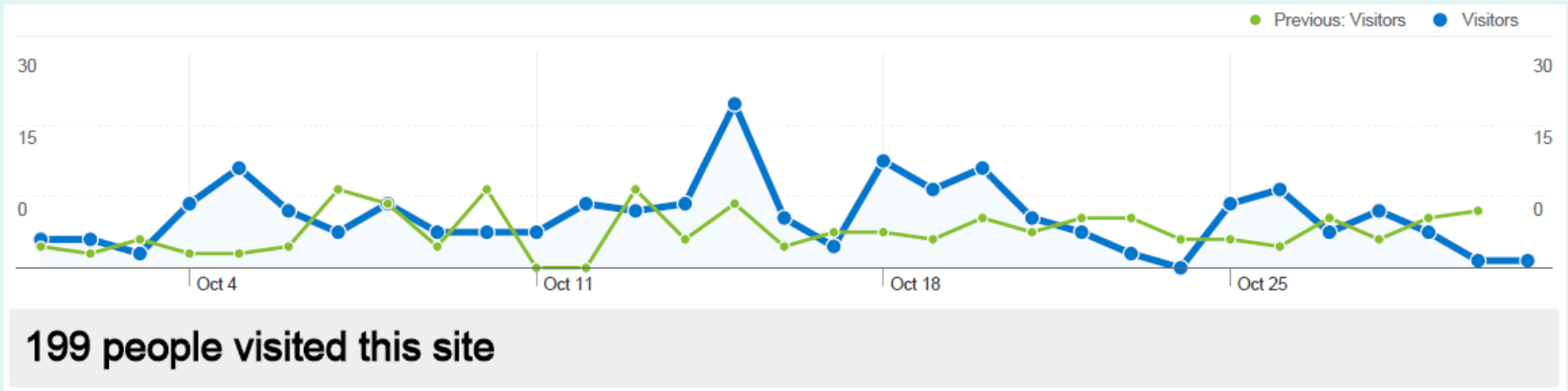


Commentary

Route 482 reports the largest improvement above the diesel benchmarks (BM) of 45%. Route E8 reports the worst performance against the diesel benchmark of -18%. The same type of hybrid bus on route 276 however reports a 12% improvement. The problems for these two types of buses have differed over the past 13 periods. With the hybrid buses on route E8 the problems are mostly body and structural problems while the hybrid buses on route 276 tend to experience overheating issues.

- ❑ TfL providing monthly reports
- ❑ DfT providing information as it becomes available

Traffic on LCEB microsite in October 2010



- ❑ 199 unique people visited LCEB microsite
 - 235 visitors from 38 countries, 65% from UK
- ❑ Traffic came from;
 - search engines 54%, direct 25%, referred 21%
- ❑ Pages viewed
 - Accreditation 12.4%, home page 10.1%, monitoring 8.8% (up 266% on month)

What can be done to improve the flow of information?

- Low carbon emission buses being certified?
- News stories for the market monitoring service?
- When and where LCEBs are entering into service?
- Monitoring of LCEBs in service?