

# The Bus of the Future

#### UK Bus Summit 2016 – 11 February 2016

**QEII Conference Centre** 



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**Managing Director** 

# ...is here now

### Where were we in 1996?





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LowCVP

Low Carbon Vehicle Partnership

#### Emissions test in 'real world'



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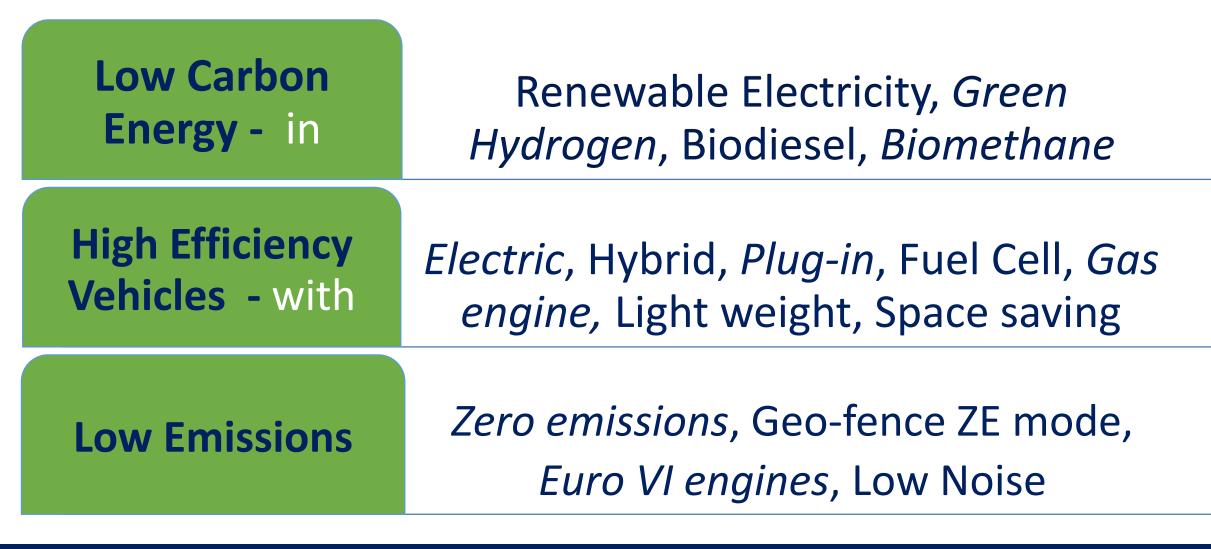
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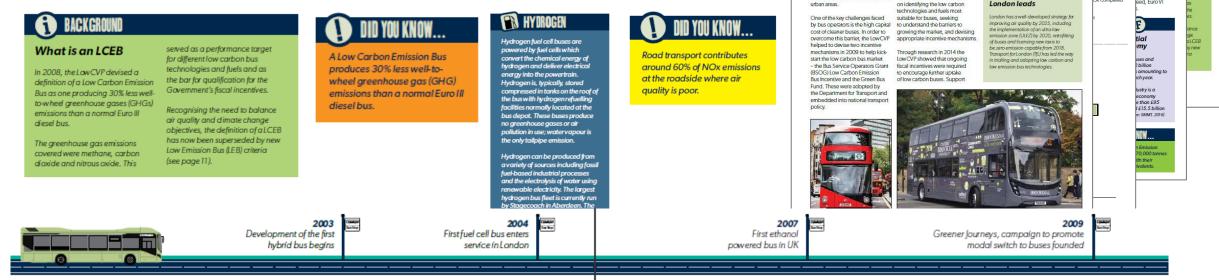




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## "The Journey of the Green Bus"

- LowCVP in partnership with Greener Journeys published at UK Bus Summit 2016 today.
- High-level overview of the key challenges and innovative low carbon and low emission solutions of the last 20 years.
- Growth/change in UK bus market since 1996.
- 1<sup>st</sup> Phase of 3 studies of the UK bus market.





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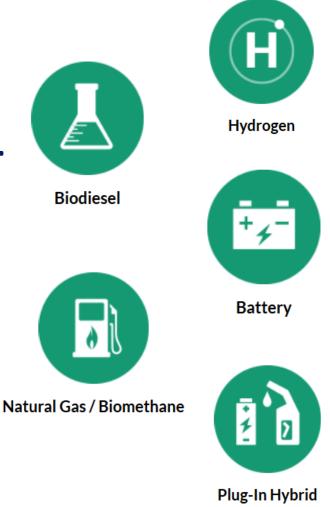


### **Green Bus Technologies in service**

- LowCVP developed Low Carbon Emission Bus (LCEB) certification in 2009.
- New Low Emission Bus (LEB) defined by LowCVP.
  - Tests, Carbon, GHG, Emissions, Range, Energy
- Wide variety of technologies and solutions for operators and local authorities.
- Mix of options for local authorities and bus operators to provide low cost mobility while reducing greenhouse gas emissions.





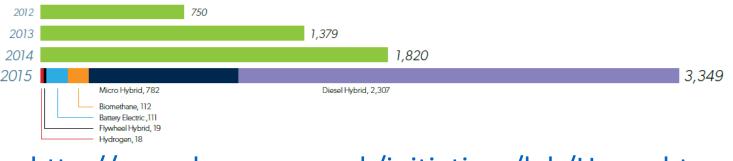




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### **Green Buses across the country**

- Low Carbon Emission Buses are not just prototype/pilot demonstrations, they are proven and perform financially as well!
- Proof of this with over 3,000 Low Carbon Emission Buses (LCEBs) in operation today.
- <u>25% of new bus registrations</u> in 2015 in the UK were Low Carbon Emission Buses.

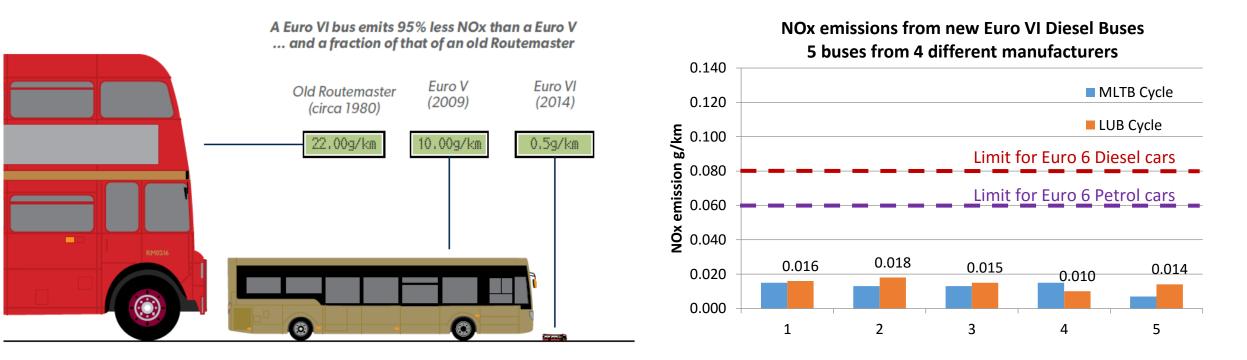


#### http://www.lowcvp.org.uk/initiatives/leb/Home.htm for more information.



### **Green Buses are Clean Buses**

- The future is now today's generation of Euro VI standard buses are key to tackling air quality issues in towns and cities.
- LowCVP UK Bus Test Cycle shows all Euro VI technologies showing very low NOx performance in the real world.



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### **Green Buses are Efficient**



More Fuel Efficient Lowering Costs for Operators and reducing GHG emissions.

#### **Decrease Congestion**

Better use of road space





#### <u>Greater Mobility</u> Low cost solution for increasing access to transport

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### The Bus of the Future – is today's Low Emission Bus

- The UK is now a **world leader** in providing low carbon and low emission bus solutions.
- A wide variety of proven technologies and fuel solutions are operating and on the market today.
- The LowCVP continues to help accelerate shift to the low carbon transport; developing policy, supporting collaboration and facilitating connection between industry and government.

Low Carbon Vehicle Partnership

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