



# How technology in the bus market is creating clean and efficient mobility

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Low Carbon Vehicle Partnership



# Leading the way on future vehicles since 2002

Prime Ministers Foreword

Powering future vehicles strategy	
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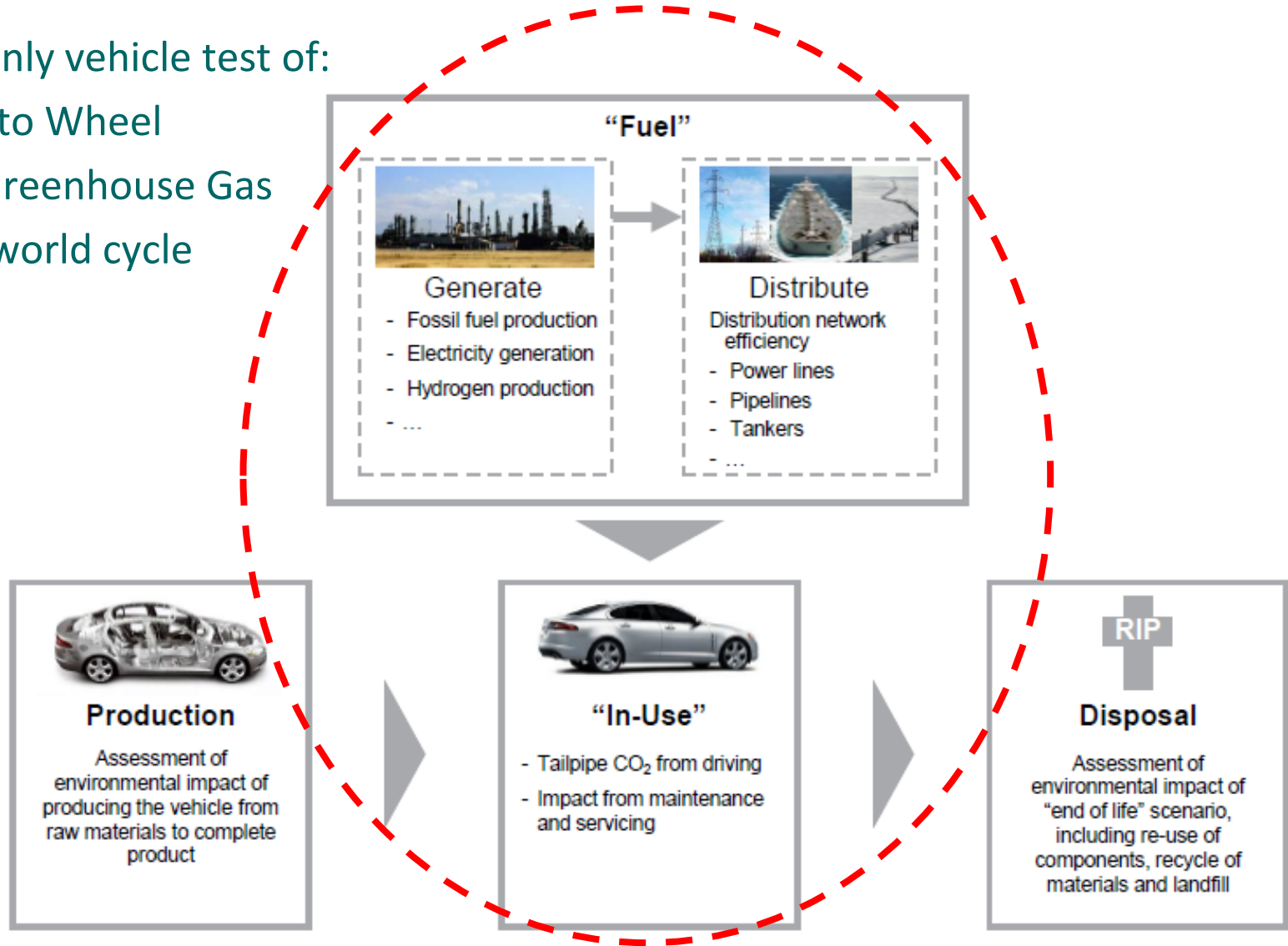
2.3.3 Alongside *Foresight Vehicle*, the Government is sponsoring the *New Vehicle Technology Fund* to support the pilot demonstration and introduction of low carbon vehicle technologies. The Fund is administered by the Energy Saving Trust as part of its *TransportAction* initiative. Projects initiated and supported by the Fund include:

- The trial deployment of three **Daimler Chrysler hydrogen fuel cell buses** in London involving Transport for London, First Group Buses and BP, programmed for 2003;
- The **Wright Electrocitiy hybrid bus** which uses a microturbine that can run on either diesel, LPG or natural gas. This low-floor bus will be trialled in a number of cities later this year and is expected to deliver a 30-50% reduction in fuel use and carbon emissions, and improvements to local air quality.

2.3.4 Other important pilot demonstration projects in the pipeline include **hybrid diesel taxis**, further **hybrid bus** designs, and **hybrid diesel vans**. These are all sectors of the of the automotive industry in which UK companies have a strong presence as well as being types of vehicles for which hybrid technology offers particularly significant low-carbon benefits potentially up to 50% reduction in fuel use and carbon emissions.

# The most comprehensive assessment in the world

The only vehicle test of:  
Well-to Wheel  
Full Greenhouse Gas  
Real world cycle





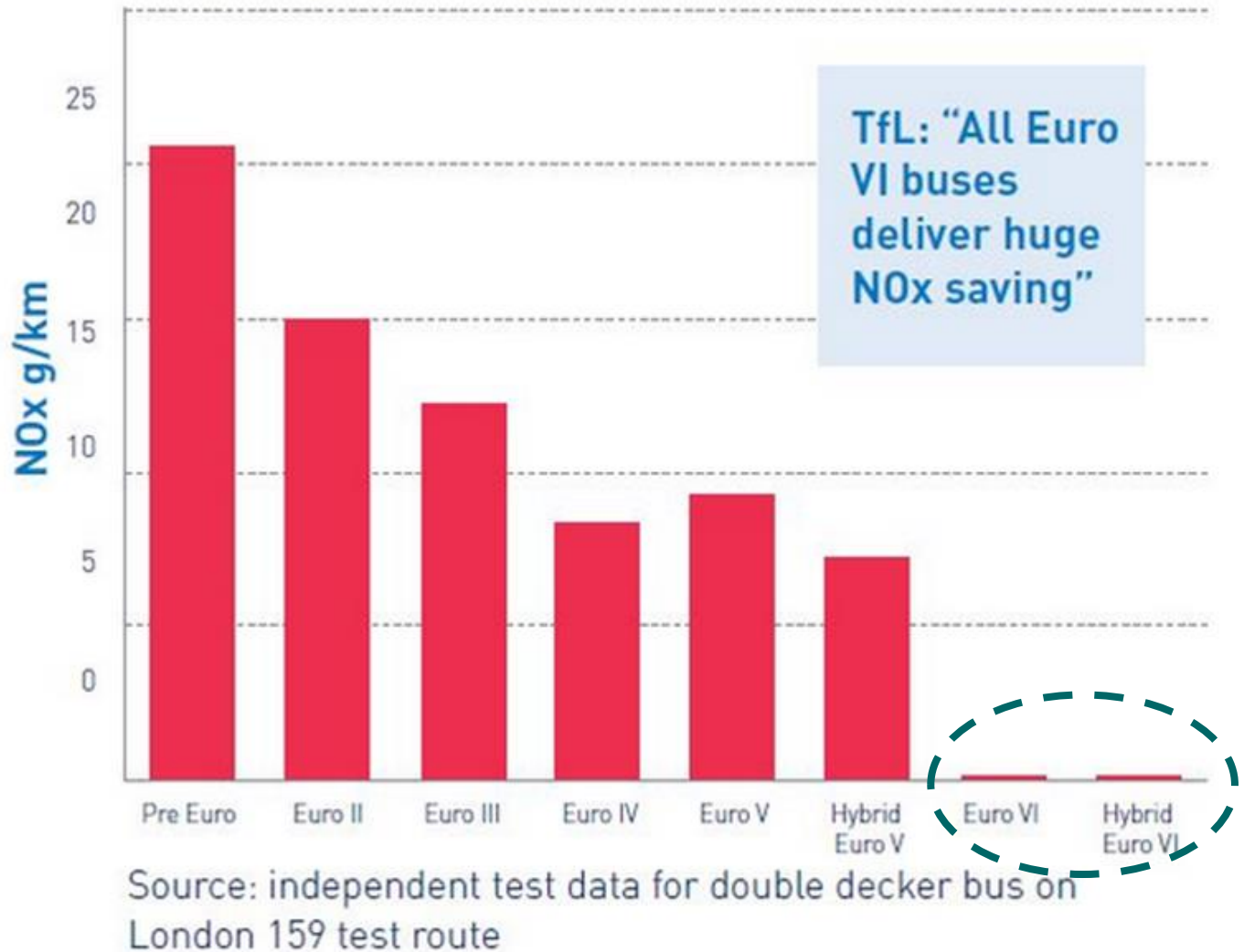
# The widest range of technology in commercial service

Gas, Electric, Hybrid, Hydrogen  
Flywheel, Biomethane,  
Biodiesel, MicroHybrid



# Tested as the cleanest diesel vehicles on the road

*Real-world test cycles show:  
NOx emissions can be lower than the current car limits and below the levels required for vans even in 2018/9*



# A UK success story

LowCVP supporting an industry working together which results in:

- Leading the low carbon automotive industrial renaissance
- Worlds most comprehensive assessment
- Widest range of technology and fuels in service (neutral approach)
- Cleanest and most efficient vehicles on the road

Low Carbon Emission Buses are around 30% of the new bus market

UK Manufacturers supply almost 60% of UK Bus and Coach sales

**The platform for continued innovation and success in  
low carbon vehicles and fuels**

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Connect  
Collaborate  
Influence

# The Low Carbon Vehicle Partnership

## Connect | Collaborate | Influence

- ❑ **Connect:** With privileged access to information, you'll gain insight into low carbon vehicle policy development and into the policy process.
- ❑ **Collaborate:** You'll benefit from many opportunities to work – and network - with key UK and EU government, industry, NGO and other stakeholders
- ❑ **Influence:** You'll be able to initiate proposals and help to shape future low carbon vehicle policy, programmes and regulations



LowCVP is a partnership organisation with over 190 members with a stake in the low carbon road transport agenda.