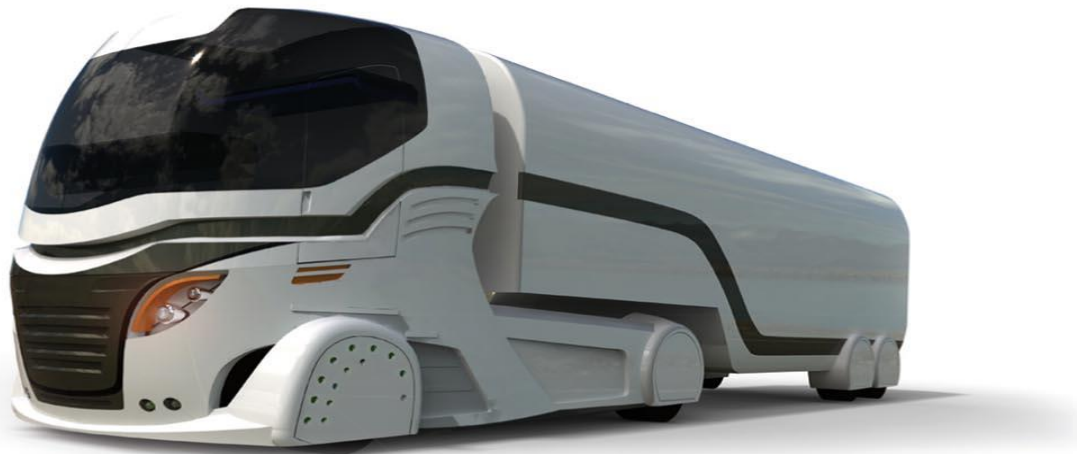


# Low carbon technologies for HGVs



## Building the market Saving carbon and saving fuel

### Announcing the LowCVP Certification Scheme for Aftermarket Technologies:

#### Evidence

- Operators get reliable, trustworthy and relevant information on likely effectiveness for their duty cycles
- Suppliers can demonstrate realistic savings, independently evaluated

#### Recognition

- Suppliers gain marketing opportunities, able to distinguish themselves from the snake oil salesmen
- Innovative and genuinely effective products encouraged
- Certificate issued for products that meet the mark

#### Incentives

- Win-win for suppliers and operators via increased sales and fuel savings
- Government can properly target support mechanisms towards genuinely effective products



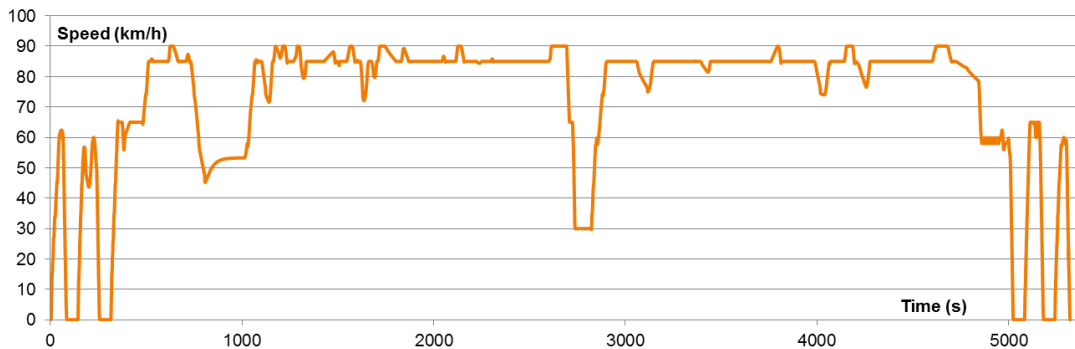
Office for Low  
Emission Vehicles

**LowCVP**  
Low Carbon Vehicle Partnership

Connect  
Collaborate  
Influence

## What are the objectives?

- The Scheme will be designed, managed and run for the benefit of UK operators – collaboration and co-operation with them are key guiding principles. Credibility is paramount.
- The Scheme will support UK Government policy and the achievement of CO<sub>2</sub>, air quality and energy security targets
- The Scheme will add value to the development of a market for low carbon HGVs by addressing one of the key existing market failures – operators don't have a 'go-to' source of reliable information about technologies that might be useful to them and are reluctant to believe everything a supplier tells them



## How will it work?

- Technologies will be tested on real trucks under controlled, repeatable, test-track conditions
- Vehicles will be instrumented with state-of-the-art GPS speed and elevation loggers, fuel flow meters and a Portable Emissions Measurement System (PEMS)
- Technologies will be assessed over up to four distinct duty cycles, designed to be representative of typical UK operations; long haul, regional delivery, urban delivery and city-centre delivery
- Results will also be usable to correlate with other cycles, including future EU type approval (simulated) cycles
- The Scheme will be able to assess a wide range of different technology options, e.g. low rolling resistance tyres, aerodynamic aids, alternative fuels and powertrains
- The Scheme will focus on fuel and CO<sub>2</sub> but will also consider other factors, including air quality emissions and the practicalities of fitting the devices and operating vehicles with them fitted
- Operators will be able to see what fuel and carbon savings were achieved for each duty cycle tested, and able to use those results to predict the savings likely for their specific operations
- The Scheme will be overseen by a panel of experts from key stakeholder groups, including operators
- The Scheme has the backing of the Department for Transport and the Office for Low Emission Vehicles and will enable government policy and support mechanisms to be targeted where they are most needed

## Want to know more?

- Do you have a fuel-saving or other low carbon technology for heavy goods vehicles, and want to register your interest in participating in the Scheme and obtaining a Certificate?
- Are you an operator interested in a particular technology or perhaps wanting to be part of the Scheme's development?
- Or do you just want to know more and to register your interest?

Then please contact **Andy Eastlake**, LowCVP Managing Director:

[andy.eastlake@lowcvp.org.uk](mailto:andy.eastlake@lowcvp.org.uk), or +44 (0)20 7304 6851



**LowCVP**  
Low Carbon Vehicle Partnership

Connect  
Collaborate  
Influence