



**PRESS RELEASE - 14 July 2010**

## **LowCVP HGV Technology Challenge: New drive to find low carbon trucking technologies**

Spin-out companies and start-ups are being offered the chance to showcase their innovative low carbon vehicle solutions to the freight sector.

Today, the Low Carbon Vehicle Partnership (LowCVP) launches its search to find new low carbon technologies for heavy goods vehicles (HGVs). In the UK, almost three-quarters of all goods are moved by road, creating 5% of the UK's greenhouse gas emissions.

The LowCVP initiative follows its original Technology Challenge which was designed to promote innovation in cars and facilitate supply chain engagement.

Greg Archer, LowCVP Managing Director, said: "Efficient road freight distribution is a foundation of successful economies. There is a range of emerging technologies which achieve this, benefiting both the economy and the environment.

"Our Challenge is designed to accelerate the development and integration of technologies for lower carbon trucks by uniquely connecting the most promising UK technology companies with leading vehicle manufacturers and operators."

The LowCVP Technology Challenge is open to products or systems that improve fuel efficiency, reduce losses, or reduce energy consumption – which all ultimately result in lower CO2 emissions from HGVs.

Winners will be selected by a panel of expert assessors, reviewing the solution's technical merit, commercial viability, environmental benefits and potential for commercialisation within three years.

Winning organisations will have the invaluable opportunity to directly engage with senior executives of vehicle manufacturers, component suppliers and major fleet operators. They will also present their technology at a dedicated event later this year.

Last year's Technology Challenge winners met senior executives from Nissan, Jaguar Land Rover, Ford, Tata Motors, General Motors, McLaren Automotive, Modec, Alexander Dennis, SMTC UK, Denso, GKN, Kautex-Unipart, Shell International and TRW. Several of the winners have established new business relationships as a result.

This year's HGV Technology Challenge is jointly sponsored by CENEX, the UK's first Centre for Excellence for Low Carbon and Fuel Cell Technologies; and the Freight Transport Association (FTA), whose members operate around half of the UK's trucks.

**For further information and details of how to enter the Challenge visit:**

<http://www.lowcvp.org.uk/technologychallenge>

## **Notes to Editors**

Quotes from the 2009 Technology Challenge winners:

### **Controlled Power Technologies (CPT), Laindon, Essex**

Guy Morris, Engineering Director & CTO, said: "As a winner of the Challenge, the opportunity to present to a room packed with potential customers was pretty unique and gave a real boost to awareness of CPT's stop-start, engine-boosting and power regeneration technology; normally it would take months of effort to meet this number of decision makers."

[www.cpowert.com](http://www.cpowert.com)

### **Oxy-Gen Combustion, Dundee**

David Tonery, Managing Director, said: "Winning the LowCVP Technology Challenge raised awareness of our HCCI control technology not just at a national level but internationally, with interest being received from prospective customers and co-developers around the world."

[www.oxy-gencombustion.com](http://www.oxy-gencombustion.com)

### **EVO-Electric, Woking, Surrey**

James Rosson, Commercial Manager, said: "Winning the 2009 Low CVP Technology Challenge has provided a huge boost in industry awareness of our leading edge axial flux technology and provided a valuable platform to build customer engagements".

[www.evo-electric.com](http://www.evo-electric.com)

### **Libralato, Manchester**

Dan Aris, Managing Director, said: "As a direct result of the Challenge, we have been able to engage OEMs, interested in our ultra light, ultra efficient, low cost, low emission, revolutionary rotary engine; which is ideally suited for the 'electromobility' paradigm shift to hybrid and plug in hybrid electric vehicles."

[www.libralato.co.uk](http://www.libralato.co.uk)

### **Centre for Advanced Powertrain and Fuels, Brunel University**

**Hua Zhao, Director**, "Winning the Technology Challenge provided market credibility for the simple, air-hybrid retrofit concept developed by Brunel."

[www.brunel.ac.uk/about/acad/sed/sedres/ee/cerg](http://www.brunel.ac.uk/about/acad/sed/sedres/ee/cerg)

**Axon Automotive, Wollaston, Wellingborough**

Steve Cousins, Managing Director, said: "The CO2 reduction potential of Axon's light weight structural components in carbon-fibre has been given industry-wide recognition as a result of winning the Technology Challenge."

[www.axonautomotive.com](http://www.axonautomotive.com)

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**The Low Carbon Vehicle Partnership** was established in 2003 with funding from the DfT and the DTI (now BERR) and a mandate to accelerate the shift to low carbon vehicles and fuels and create opportunities for UK business. ([www.lowcvp.org.uk](http://www.lowcvp.org.uk))

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