News story: Low carbon vehicles: innovations on display at LCV2017

Delegates at Cenex-LCV will get the chance to see some of the best low carbon vehicle (LCV) technologies to emerge from the last decade and learn about what's to come.

Representatives from Innovate UK will be at the event to highlight the latest innovations from the automotive sector. It is taking place on 6 and 7 September 2017 at Millbrook Proving Ground, Bedfordshire. You can find us in the Government Pavilion, Hall 3.

10 for 10

For the tenth anniversary, we will be showcasing 10 projects from the last 10 years. This includes exhibits from:

- Jaguar Land Rover
- Oxis Energy
- Nissan/Infiniti
- Ricardo
- GKN
- Dearman Engines
- Gordon Murray Design
- Ariel Motors
- Yasa Motors

You will have the chance to learn about the low carbon technologies developed by these leading manufacturers and how they are changing the automotive landscape.

Gordon Murray Design: the future of car manufacture

See our work in manufacturing and materials.

What to look out for

In addition to looking back, we'll also be sharing the results of recent projects that have the potential to revolutionise the manufacture of low carbon vehicles.

This includes:

- the unveiling of Ariel Motor's HIPERCAR project, developed with Innovate UK funding. This is an electric sports car that will have 1,180 horsepower and a top speed of 160mph. It uses four electric motors to go from 0-60 in 2.4 seconds
- the latest from AMPLiFII, a consortium headed by the University of Warwick that includes Jaguar Land Rover, JCB, HORIBA MIRA, The

University of Oxford and others. The project is developing the next generation of traction batteries for electric and hybrid vehicles. It has been funded by the Office for Low Emission Vehicles (OLEV)

Innovation funding available

You will also be able to learn about current and upcoming funding opportunities, including the Faraday Challenge. This is part of government's Industrial Strategy Challenge Fund to support the development of the next generation of batteries for electric vehicles.

Other opportunities from Innovate UK funding are with partners, Advanced Propulsion Centre (APC), Centre for Connected and Autonomous Vehicles (CCAV) and OLEV.