

LOW CARBON TECHNOLOGY INNOVATORS HEAD TO JAPAN TO SHOWCASE THE BEST OF BRITISH

- 20 companies will be heading to JSAE 2016 Automotive Show as part of a UK Pavilion
- UK Pavilion will showcase a diverse range of low carbon technology developers along with their products and will also feature academic experts
- The Pavilion will feature 2 of the UK's Automotive technology funding agencies – Advanced Propulsion Centre and Innovate UK
- 9 of the UK companies will be sharing their innovations at a UK technical congress

13 May 2016: A total of 20 British companies will be attending the Japanese Society of Automotive Engineers 2016 Annual Congress in Pacifico, Yokohama. The UK companies will showcase the best of British on the UK Pavilion, with the aim to attract inward investment into the UK, trade with Japanese OEMs and form collaborative partnerships with Japanese R&D organisations.

The UK Pavilion will also include some of the UK's key support organisations such as The Advanced Propulsion Centre, Innovate UK, Niche Vehicle Network, North East Automotive Alliance, and MAKE it Sunderland. A range of exciting UK companies will also form the UK Pavilion, these are as follows:

McLaren Applied Technologies

A high performance electronics, components and software specialist, which continue to set new standards across the Automotive & Motorsport industries.

Intelligent Energy

A power technology company working in the consumer electronics, distributed power & generation and motive markets

Sevcon

A world-leading electrical engineering company that manufactures controls for electric vehicles.

Johnson Matthey Battery Systems

Designs and manufactures advanced lithium-ion battery systems for electric vehicles, processing over 70 million cells per year.

Continental Engineering Services

An independent provider of comprehensive engineering services, enabling mass production technology to become a reality from small series and niche applications at low cost.

Romax

The world's leading provider of engineering and technology solutions for gearbox and drivetrain design, simulation, testing and monitoring

HORIBA-MIRA

Independent engineering and testing of automotive, intelligent mobility and low carbon vehicles at MIRA Technology Park, UK.

Cosworth

Uses motorsport-inspired engineering and manufacturing capabilities to improve vehicle and driver performance.

Magnomatics

A high technology engineering company that is developing and manufacturing products for many global industries based on its proprietary ground breaking magnetic gear technology

Configit

Uses patented technology Virtual Tabulation to redefine what is possible with configuration in terms of complexity and speed.

Newcastle University

Academic experts in the Automotive Sector, focusing on key technologies such as electric motors and power electronics.

SR Technology Innovations

Expert engineers in electronics and control solutions, including electro-mechanical systems, communications and vehicle technologies.

Hyperdrive Innovation

Designs and builds lithium-ion battery systems for automotive, off highway, industrial, marine and standby power applications.

AVID Technology Group

Designs, and manufactures technology to improve the efficiency, reliability and safety of heavy duty vehicles and machinery.

Caldan Conveyor

Experienced in designing, manufacturing and installing overhead and floor conveyors systems.

Saietta

Leader in the design, manufacture, integration and B2B commercialization of vehicle electric drivetrains

The UK has a half day seminar within the JSAE Technical Congress entitled “Innovation in the UK.” This will give the chance for 9 of the UK companies attending JSAE to explain their technologies and why the UK is a thriving place to develop low carbon technology. The Advanced Propulsion Centre, Innovate UK, Magnomatics, Hyperdrive, Johnson Matthey Battery Systems, McLaren Applied Technologies, Avid Technology Ltd, Niche Vehicle Network and Saietta will all present at the Forum.

Ian Constance, CEO of the Advanced Propulsion Centre said:

“The UK offers an exciting integrated approach to supporting automotive Research and Development and building the supply chain from academic research through to vehicle production.”

“Attendance at JSAE provides a platform to show what makes Britain Great. UK companies have a unique opportunity to form collaborative partnerships in a region well known for advanced technology development.”

Simon Edmonds, Manufacturing and Materials Director at Innovate UK, said:

“The UK is leading the way in low carbon technology innovation and these 20 companies are testament to this success and the excellent R&D support available in the UK from Innovate UK, the APC and others.”

“We look forward to highlighting these strengths in Japan, and also our ground-breaking work on connected and autonomous vehicle technologies.”

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The Advanced Propulsion Centre – www.apcuk.co.uk

The Advanced Propulsion Centre was formed in 2013 from a commitment between the government and automotive industry through the Automotive Council to position the UK as a global centre of excellence for low carbon powertrain development and production. It is a central pillar of the Industrial Strategy created by the Automotive Council.

The Advanced Propulsion Centre UK Limited (APC) is a private limited company, an industry wide collaboration of innovators and producers of low carbon propulsion systems. It facilitates partnerships between those who have good ideas and those who can bring them to market. The services provided by the APC enable projects which provide profitable growth and sustainable opportunities for the partners involved. Each programme enhances the UK's position as a Propulsion Nation and contributes to the country's economic prosperity.

The government and industry have each committed to provide £500 million to the APC during its 10 year programme. The activity in this £1 billion project will be delivered through a small team working across the UK from a central Hub located at the University of Warwick and regional Spoke locations.

Innovate UK

Innovate UK is the UK's innovation agency. We are business focused and drive disruptive innovation right across the UK economy, funding and connecting pioneering businesses so they can create the products, processes and industries of the future. It is our mission to boost productivity, increase exports and help the UK economy grow head and shoulders above other nations. For further information and to stay updated on our latest news visit www.gov.uk/innovateuk, follow us on [Twitter](https://twitter.com/innovateuk) at @innovateuk or subscribe to our YouTube channel at www.youtube.com/InnovateUK.