



Racing to a Clean-Tech Future 5th European Cleaner Racing Conference at Autosport International

Concourse Suites 1 and 2 – opposite Hall 8
NEC, Birmingham
Wednesday 12 January 2011

Showcase Displays

	<p>ABSL Power Solutions www.abslpower.com</p> <p>ABSL Power Solutions and AGM Batteries are a UK manufacturer. We are a world leader in the research, design, development and delivery of Li-Ion cells, batteries, chargers, BMS & power solutions.</p> <p>We are exhibiting a selection of our products including our new range of laminate pouch cells suitable for the use in Electric Vehicles with capacities of up to 100Ah.</p>
	<p>Claytex www.claytex.com</p> <p>Claytex is the exclusive distributor of Dymola multi-domain modelling and simulation software in the UK, Belgium, Luxembourg, The Netherlands, Ireland and South Africa. Claytex have been working with Dymola and Modelica since 1999 on a wide range of projects for some of the world's most respected Automotive, Motorsport/F1, Energy and Aerospace organisations.</p>



Crompton Technology Group (CTG)

www.ctgtd.co.uk

CTG - A Goodrich Company innovates in advanced composite product design and manufacture. Cutting edge design and development capabilities, proven manufacturing techniques and fastidious quality management mean we deliver high performance products for critical applications.

We are specialists in the filament winding process for manufacture of bespoke and standard products featuring advanced composite materials. Our products are developed specifically for aerospace, medical imaging, motorsport, performance automotive, other high performance industries worldwide, meeting ISO/TS16949:2002 standards and exceeding the standard set by our ISO9001:2000, ISO 14001 and AS9100 Revision-B accreditation.



Coventry University

www.coventry.ac.uk

Education, engineering courses, Formula Student, motorsport courses recently introduced. Students in placement with top motorsport companies. Graduates in place in a number of motorsports companies and automotive industry.



EEMS Accelerate

www.eemsaccelerate.co.uk

EEMS Accelerate – tomorrow's vehicles today
The EEMS Accelerate project brings together a consortium of specialist UK organisations to develop and demonstrate high specification electric ultra-low-carbon sports cars. It provides an opportunity for the partners to engage in extended real world testing of their vehicles in a way usually restricted to larger manufacturers. It also provides a platform to showcase the true potential of electric vehicles of the future to the general public.

The consortium is led by climate change consultants AEA, and also includes: Delta Motorsport, Ecotricity, Green Motion, Lightning Car Company and Westfield Sportscars.

Media Partners:





enviroSportscar

www.envirosportscar.com

enviroSportscar is the planned motorsport series for concept or limited production sportscars that feature emerging energy efficient drive-train technology as well as style and high performance. This racing series is about real cars of the future demonstrating their technology in front of large number of spectators and international TV audiences. It is intended the series will support the FIA GT1 World Championship and the FIA European Drag Racing championship with three rounds at each, and will also feature three city based economy events in European capitals including Monaco. Like the FIA GT championships it is proposed all cars will be performance balanced to provide for close, exciting racing.



Evo Electric

www.evo-electric.com

EVO Electric develops and manufactures advanced electric machines, hybrid drive trains and generator sets for a wide range of transportation and mobile power applications. Our core competence is the design and integration of high torque electric motors and generators based on axial flux technology, enabled by innovations in materials, design and manufacturing. EVO's proprietary axial flux technology provides significant benefits in torque and power density, efficiency and cost compared to conventional radial flux machines.



FARO UK

www.faro.com

FARO develops portable devices for 3D measurement, inspection, imaging and surveying. Our focus is on simplifying our customers' work with tools and empowering them to dramatically reduce on-site measuring time and eliminate costly errors.

As the pioneer in portable measurement, we have reinvented measuring: instead of carrying your parts to the measuring machine our systems can be deployed just where they are needed.

Media Partners:





flybridsystems

Flybrid Systems

www.flybridsystems.com

Flybrid Systems LLP is the developer an entirely mechanical high-speed flywheel based Kinetic Energy Recovery System (KERS) that is powerful, small and light. The device has a long life with no performance degradation and has considerably lower running costs than electrical KERS making it suitable for all forms of motorsport.



Greenpower

www.greenpower.co.uk

The Greenpower Education Trust is a charity that promotes engineering as a rewarding career to anyone aged 9-25, while also focusing on sustainable engineering, teamwork and the community. The annual Corporate Challenge provides an opportunity for companies to get involved and compete against school teams.



Ricardo

www.ricardo.com

Ricardo is a leading global multi-industry engineering provider of technology, product innovation and strategic consulting. "Winning through technology" has always been central to Ricardo, with key roles played in supporting leading motorsports teams, successful land speed record challenges, and the creation of premium performance vehicles. We provide the latest technology solutions that will form the basis of tomorrow's low carbon product innovations enabling our customers to be successful on the track and road.

**OXFORD
BROOKES
UNIVERSITY**

**Sustainable Vehicle Engineering Centre
Oxford Brookes University**

tech.brookes.ac.uk

The Sustainable Vehicle Engineering Centre (SVEC) is a unique platform for the whole of the automotive sector. SVEC will provide:

- market driven reports
- consultancy
- industry-led research
- testing
- knowledge transfer
- education

The centre will deal with current and future challenge facing the whole life of the vehicle.

Current issues concern the disassembly, disposal and the recycling and reuse of materials in the current global vehicle parc.

Technology Strategy Board
Driving Innovation

Technology Strategy Board

www.innovateuk.org

As the Technology Strategy Board we want to make the UK a global leader in innovation. To do so we need ensure the UK is a place where:

- business is successfully competing at the forefront of technology and innovation developments globally;
- Government provides a supportive and coherent environment which allows innovation to thrive;
- society understands, embraces, values and is excited by innovation and technology.

Our Strategic Plan explains the journey we will take to reach the destination of the UK becoming a global leader in innovation and how we will work to ensure UK business success by:

- providing leadership;
- working with different parts of Government to simplify and connect the innovation landscape;
- ensuring the UK has the necessary capability in underpinning technologies;
- addressing major challenges to create new business opportunities;
- investing in people, networks and creating a culture supportive of innovation.



Product Service

TÜV SÜD Product Service

www.tuvps.co.uk

TÜV SÜD is the technical solutions partner of choice to e-mobility industries. We support manufacturers throughout the e-mobility value chain, from electric vehicle components and systems to batteries and charging infrastructure. Our global network of battery testing laboratories are based around manufacturing hubs in Germany, USA and Singapore. Our technical and training services deliver safety, marketability and compliance to the global electric vehicle industry.

With over 140 years of experience and 15,000 employees worldwide, the TÜV SÜD Group is one of the world's leading technical service organisations. Leveraging on the latest technology in more than 600 locations across the world, we add real value to a myriad of industries by providing testing, certification, inspection, training and consulting services.



Williams Hybrid Power

www.williamshybridpower.com

Williams Hybrid Power Ltd (WHP) has developed a novel, patented electromechanical composite flywheel system that provides a high-power, cost-effective and environmentally friendly solution for mobile or stationary energy recovery and storage.

The company's first application of the technology was in the highly competitive and extremely harsh environment of Formula One racing. Through development of a flywheel for Williams F1's Kinetic Energy Recovery System, WHP has proved its world-class engineering capabilities in the composite flywheel field as well as radically improving aspects of the technology in the process.

Building on the Formula One project, the company is now making the technology available to meet the high-power energy storage needs in a variety of applications including hybrid passenger vehicles, hybrid buses, construction & off-highway vehicles, electric trains, rapid transit systems, intermittent renewable energy generation and smart grid infrastructure.