

# UK Pavilion at the Electric Vehicle Symposium (EVS36) Sacramento, USA

11 – 14 June 2023



**THE SOCIETY OF  
MOTOR MANUFACTURERS  
AND TRADERS LIMITED**

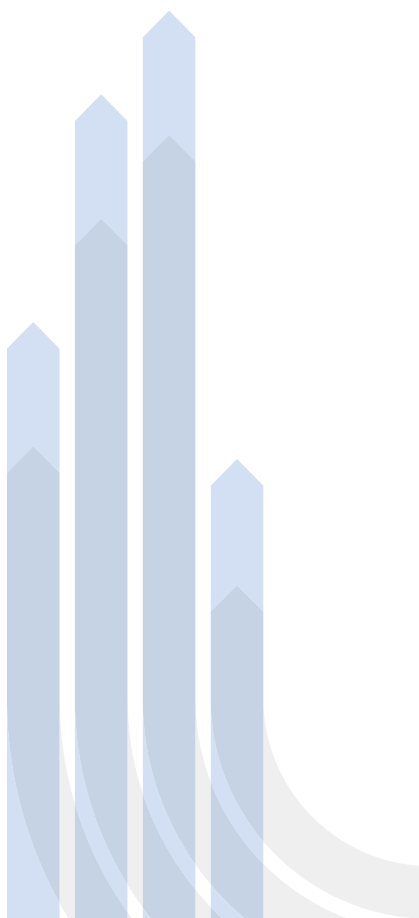
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## **The Society of Motor Manufacturers and Traders (SMMT)**

The Society of Motor Manufacturers and Traders (SMMT) is one of the largest and most influential trade associations in the UK. It supports the interests of the UK automotive industry at home and abroad, promoting the industry to government, stakeholders and the media and engaging with organisations internationally.

SMMT is proud to be hosting the UK Pavilion at the 36th Electric Vehicle Symposium & Exhibition (EVS36) in Sacramento, demonstrating UK automotive's commitment to a prosperous, inclusive, zero-emission future.

The US electric vehicle market is accelerating, with EV uptake rising 55% in 2022 – while the Inflation Reduction Act has unleashed billions of dollars in incentives to increase EV uptake and production. With EVs already accounting for one in five new UK car registrations in 2023 – and anticipated to comprise more than one in four by the end of the year – Britain is well placed to share insight, develop business links, and explore growth opportunities to deliver decarbonisation. Around two in five cars built in Britain are electrified, along with electric vans, buses and trucks, while more than 200 models of plug-in vehicle are currently available in the UK, Europe's second largest EV market by volume.

The exhibitors at the UK Pavilion exemplify Britain's creativity and quality and share the drive to push the EV market forward, not just in the UK but globally. Visitors looking for innovative brands will find this and more on the UK Pavilion at the Electric Vehicle Symposium in Sacramento.

### **Mike Hawes**

Chief Executive

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UK Government

## UK Government

The UK Government's Department for Business and Trade supports businesses to invest, grow and export, creating jobs and opportunities across the country.

We are an international economic department, responsible for:

- advising, supporting, and promoting British businesses wanting to grow and export
- shaping our rules to ensure businesses thrive, markets are competitive, and consumers are protected
- opening up new markets for businesses by removing barriers and striking trade deals
- securing global investment from businesses and investors
- championing free trade, economic security, and resilient supply chains

The UK Government's 10-Point Plan and Net Zero Strategy lay the foundations for decarbonising all sectors of the UK economy to meet its net zero target by 2050. We work with industry and partners, locally and internationally, to ensure the transition to zero emissions vehicles and deliver on the government's commitment to end the sale of new petrol and diesel cars by 2030, and that all new cars must be fully zero emissions capable by 2035.

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## **Advanced Propulsion Centre UK**

The Advanced Propulsion Centre (APC) collaborates with UK government, the automotive industry and academia to accelerate the industrialisation of technologies, supporting the transition to deliver net-zero emission vehicles.

Since its foundation in 2013, APC has funded 170 low-carbon projects involving 402 partners, working with companies of all sizes, and has helped to create or safeguard nearly 50,000 jobs in the UK. The technologies developed in these projects are projected to save over 288 million tonnes of CO<sub>2</sub>, the equivalent of removing the lifetime emissions from 12 million cars.

With its deep sector expertise and cutting-edge knowledge of new propulsion technologies, APC's role in building and advising project consortia helps projects start more quickly and deliver increased value. In the longer term, its work to drive innovation and encourage collaboration is building the foundations for a successful and sustainable UK automotive industry.

### **Catherine Prothero**

Events Lead

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Innovate  
UK

## Innovate UK

Innovate UK is the UK's national innovation agency. We support business-led innovation in all sectors, technologies and UK regions. We help businesses grow through the development and commercialisation of new products, processes, and services, supported by an outstanding innovation ecosystem that is agile, inclusive, and easy to navigate.

### **Dr Josey Wardle**

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## Autocraft Solutions Group

Autocraft Solutions Group is well known and respected as Europe's largest independent engine remanufacturer and assembler, supplying over 20,000 IC engines per year to prestige OEMs such as Jaguar Land Rover, Ford, Volvo, Stellantis, Aston Martin, JCB and many more.

Building on years of EV battery assembly, repair and remanufacturing development we have recently launched our new REVIVE™ technology. Autocraft EV Solutions unlocks the full potential of EV batteries for OEMs.

Our comprehensive range of services, including analytics, diagnostics, repair, remanufacture, storage, grading, and recycling, maximises EV battery lifespan and performance in line with circularity goals.

As the only provider of industrial scale dynamic testing, we pinpoint and predict battery issues with unparalleled accuracy, enabling industry leading repair and remanufacturing.

Our solutions shield OEMs from the reputational and financial impact of battery related warranty issues, helping them deliver on their commitment to end users and the environment.

### Looking to meet:

- OEMs
- Battery pack manufacturers
- Cell manufacturers
- Aftermarket national workshop chains who will all benefit from our REVIVE™ EV battery service technology.

**Lindsay Morgan** Group Marketing Manager

**Mike Hague-Morgan** Co-owner

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**cenex**

## Cenex

Cenex lowers emissions through innovation in transport and energy infrastructure, operating as an independent, not-for-profit Research Technology Organisation (RTO) and consultancy.

Established in 2005 as the UK's Centre of Excellence for Low Carbon Vehicles, and the Netherlands from 2018, we are experts in: data modelling & Insights, strategy & policy advice, trials & demonstrations, and Life Cycle Assessment.

Our independence ensures trustworthy assessment, analysis, and advice; as a not-for-profit, we are driven by the outcomes that are right for you, the environment and the local economy.

Cenex's experts are conducting extensive research into innovative technologies, including:

Hydrogen & Electric HGVs & Buses | Emergency service fleets | Wireless charging | Construction & Agriculture vehicles | Vehicle-to-Grid | Shared Mobility | Marine vessels & charging | On-street charging.

Cenex also runs Europe's premier low carbon vehicle and infrastructure innovation event – Cenex-LCV.

### Looking to meet:

Technology providers interested in the UK and European market.

**Keith Budden** Head of Business Development  
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Powered by humanity

## CrowdCharge

CrowdCharge is revolutionizing the way we charge Electric Vehicles with its cutting-edge software platform, which not only accurately predicts short-term EV energy usage for demand management, but also employs energy compression algorithms to optimize electricity supply.

Their patented technology, developed in leading UK smart charging trials, empowers users, ranging from individual vehicles to fleets and urban ecosystems, to optimise renewable energy efficiency and allocate charging capacity where it's needed most.

By enabling the transition to more affordable and eco-friendly electricity, CrowdCharge minimizes the impact of EV charging on the strained power grid, paving the way for widespread EV adoption and a greener future.

### Looking to meet:

OEMs, fleet operators and leasing companies, charging point operators and installers, energy providers, charger and solar suppliers and grid/network operators.

#### **Mike Potter** CEO

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**LOTUS ENGINEERING**  
Driving innovation

## Lotus Engineering

Lotus Engineering provides comprehensive consultancy services and works with many of the world's leading automotive OEMs and Tier 1 suppliers. It is internationally recognised for its long-standing contribution to ground-breaking engineering and vehicle development.

The consultancy's services are framed under four core pillars: Platforms, Dynamics, Control Systems and Technical Services. These encompass the experience and expertise born out of the design, engineering and manufacture of world-renowned and critically acclaimed cars from Lotus, a world-renowned performance brand.

Lotus Engineering provides clients globally with a unique technical perspective that adds real commercial value to their projects. From delivering specialised services or developing a mobility product from inception, to enhancing existing client capability or creating a true turnkey vehicle programme, Lotus Engineering can provide it all.

The highly skilled and motivated team work collaboratively and relish every challenge, because that's what fuels great engineering.

### Looking to meet:

Lotus Engineering are looking to meet organisations within the automotive and wider mobility sector who require support services, from functional design and concept engineering, to vehicle platform solutions and turn-key vehicle programmes.

### Engineering Sales

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## Saietta Group plc

Saietta's focus is to speed up transition to electric propulsion for all forms of mobility on land – from scooters to trucks – and on sea, thereby helping to clean up the air around the globe. We have developed a unique range of products and services designed to help vehicle manufacturers win their race to the start of production.

Saietta has centres of excellence for motor and inverter development in both the heart of motorsport valley in Silverstone and in the Netherlands, with more than 200 highly experienced eMobility specialists.

We've developed a modular suite of turnkey services to support manufacturers throughout their vehicle development process. These include upfront market research and product definition, CAE & simulation, eMotor electrical & mechanical integration, prototype build and vehicle testing on our private test tracks.

### Looking to meet:

Saietta wants to help manufacturers and partners significantly fast-track electric drive concepts to best-in-class (10-50kW sub 120V) electric powertrains in vehicles.

**Matt Sanders** Commercial Applications Engineer  
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## Sertec Corporation Limited

Sertec has over 60 years experience, specialising in the manufacture of complex lightweight body structures and electric vehicle components. Our people, manufacturing processes and expertise provide innovative sustainable engineering solutions that deliver value and reliability for our customers.

Sertec's production capacity includes automated stamping processes up to 1000 ton (progression and transfer), automated assembly cells, wireform assemblies and fine blanking, manufactured across well invested facilities in the UK and Europe.

More recently, we have specialised in high volume automated no-touch production capacity required for EV components, resulting in the launch of two significant production facilities manufacturing Battery Cases and Modular Busbar Assemblies.

We are an employer of choice, supplier of choice and customer of choice through commitment to the Sertec brand and values.

### Looking to meet:

Manufacturers looking to set up in UK or Europe

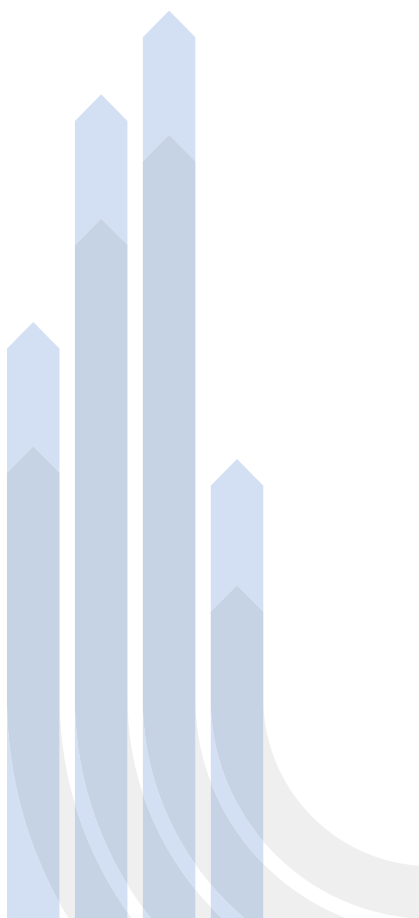
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## SMMT Industry Forum

SMMT Industry Forum have been delivering significant and measurable performance improvements for leading global manufacturers for more than 25 years and believe there is no one size fits all approach to driving competitiveness across the industry. Providing advice and mentoring support, extensive training & development and, where required, consultants to support from the factory floor up to board level. Our team of more than 150 experts has delivered over 400 tailor made improvement strategies in 30 countries across the world, and we are approved and certified by the relevant international trade bodies.

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