

The challenge of cleaning up the air in our towns and cities requires the development of bold new ideas and powertrain technologies. Coventry & Warwickshire is well-placed to play a leading role in the development and manufacture of these new energy vehicle technologies.

Our automotive R&D cluster is driving the development of light-weighting, energy storage, hybrid, electric and hydrogen technologies for the 21st century.

## You're in Good Company

Coventry & Warwickshire is the leading vehicle development and powertrain centre in the UK, with the global HQ and R&D operations for Aston Martin Lagonda, Dennis Eagle, Geely London Taxi Company and Jaguar Land Rover. Detroit Electric, TMETC and Ashok Leyland have significant R&D facilities here and the R&D centres for Changan and SAIC are a short drive away.

The area has a unique mix of powertrain and transmission expertise, skills and related supply chain.

Europe's leading automotive R&D campus, MIRA Technology Park, is located in the area, and as well as unique testing facilities and track, tenants on site include Bentley, Bosch and Lightning Hybrids.

Recent investments locally have included Geely London Taxi's £325m investment into a new electric vehicle factory at Ansty to build the TX5 taxi; Lightning Hybrids MIRA facility, Detroit Electric's new assembly site in Leamington Spa and BMW's £750m UK investment,

including its Hams Hall powertrain facility, which supplies plants in the UK and overseas. BMW produces thousands of engines every year at Hams Hall, including the hybrid engine for the i8 supercar.

## Ideas & Innovation

- **The Advanced Propulsion Centre (APC)** in Coventry showcases a £1bn, 10 year commitment from UK Government to invest in powertrain technology of the future.
- **WMG**, located at the University of Warwick, is a High Value Manufacturing Catapult focusing on Low Carbon Transport in the areas of material lightweighting, advanced propulsion systems, intelligent vehicles and energy storage and management.
- **The National Automotive Innovation Campus** in Coventry will co-locate 1000 engineers and academics to develop advanced propulsion systems and connected and autonomous vehicle technologies.



## KEY FACTS



**£1bn UK Government investment in Low Carbon technologies**



**26 OEM Vehicle R&D Centres**



**8 Automotive Centres of Excellence**



**4 Low Carbon Centres of Excellence**

- **The Centre for Mobility and Transport and The Applied Low Carbon Centre** at Coventry University will provide state-of-the-art facilities. The university works with industry at the leading edge of automotive research in vehicle dynamics, low carbon technologies, cyber security, autonomous systems, future vehicle design and human systems integration.
- **The National Transport Design Centre** at Coventry University will provide state-of-the-art facilities and virtual reality technologies to support the transport industry with future advanced design needs.

## Skills and Training

Coventry & Warwickshire is well served by local schools, colleges and universities.

- **54,000 Students** studying at the Warwick University and Coventry University.
- Over **100,000 graduates** per year from 15 Universities within a 1 hour drive.
- The **WMG Academy for Young Engineers** for 14-18 year olds.
- The **MIRA Technology Institute (MTI)** provide specialist courses for automotive industries.
- **The Lloyds Bank Advanced Manufacturing Training Centre** From apprenticeship programmes to executive level training.

## Connectivity

Coventry & Warwickshire is at the heart of Britain's transport network providing links to road and rail that the rest of the UK strives for.

- Fast connection to London in an hour by rail
- Direct access to the UK's motorway network (M6, M40, M42, M45, M69 with close proximity to M1 & M5
- Easy access to worldwide destinations via Birmingham Int'l Airport or air freight from Coventry or East Midlands Airports
- Rail heads at BIFT, Hams Hall and DRIFT
- Access to superfast broadband
- Over 90% of properties have access to superfast broadband

## How we can help

Coventry and Warwickshire offer the following free and confidential services to businesses:

- Commercial property searches and location advice
- Local intelligence – from demographics to sector analysis
- Introductions to local networks and organisations
- Information on funding and innovation support
- Employment and skills development support

“As a pioneer of new technologies, BMW Group has shaped change within both the industry and the world of mobility. At our Hams Hall plant, located in North Warwickshire, we manufacture the latest generation of highly efficient engines for both BMW and MINI and we supply engines for three of the BMW Group's latest hybrid vehicles, including the BMW i8 plug-in hybrid sports car.”

**BERND GRESS,**  
PLANT DIRECTOR  
BMW PLANT HAMS HALL

### Contact Invest in Coventry & Warwickshire:

#### Coventry Office

**E:** [business@coventry.gov.uk](mailto:business@coventry.gov.uk)

**T:** 024 76 83 1386

#### Warwick Office

**E:** [invest@warwickshire.gov.uk](mailto:invest@warwickshire.gov.uk)

**T:** 01926 41 2140