

# **AEROSPACE**

# The UK has a 17% global market share in aerospace industry revenues - second only to the US.

The Midlands aerospace cluster is the largest in Europe, covering a range of activity from systems to interiors to powertrain.

Coventry & Warwickshire, the home of the original jet engine, continues to play a major part in this global supply chain.

#### You're in Good Company

The area is a leader in transport technologies and advanced manufacturing and engineering. Our local supply chain provides components and technologies found on leading aircraft. We're home to global names including Rolls Royce, Lisi Aerospace and Meggitt.

OEM Rolls Royce has three local aerospace sites: Ansty for maintenance and servicing, Nuneaton for manufacture and a major R&D campus at Ansty Park.

Other local aerospace companies include Nasmyth, Arrowsmith, JJ Churchill and Sigma, and many local automotive suppliers are also part of the aerospace supply chain. There is a strong cluster of design consultancies and prototype manufacturers including Transport Design International (TDI), HPL Prototypes and DCA Design.

The 300 member Midlands Aerospace Alliance (MAA), based in Coventry, represents the largest aerospace cluster in Europe.

The Coventry & Warwickshire Aerospace Forum (CWAF) brings together a cluster of specialist local aero suppliers, who collaborate and work with local universities.

#### **Ideas & Innovation**

The Manufacturing Technology
Centre in Ansty is a High Value
Manufacturing Catapult Centre set
up by the UK government to provide
specialised facilities in manufacturing
technologies and processes in
aerospace engines, structures and
digital technologies.

The MTC campus also includes the £60m High Temperature Research Centre (HTRC), a collaboration between Rolls Royce and the University of Birmingham. The centre is focused on casting, design, simulation and advanced manufacturing research.

### The £30m Aerospace Research Centre

brings together major aerospace companies developing the aerospace technologies of the future.

**WMG** at the University of Warwick is an academic department and a





#### **KEY FACTS**



4 Aerospace Centres of Excellence



52,750 employed across Transport Technologies



3,500+ businesses support Transport Technologies



2 Advanced Manufacturing Catapult Centres









## **AEROSPACE**



High Value Manufacturing Catapult
Centre working closely with aerospace
industries providing research solutions
and R&D facilities in engineering,
manufacturing and technology. WMG
has a long history of working with
aerospace companies within the areas
of material lightweighting, composites,
additive layer manufacturing, machining
technologies, lean manufacturing and
supply chain & operations.

The National Transport Design Centre at Coventry University provides 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 University of Warwick 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 Lloyds Bank Advanced Manufacturing Training Centre.
   From apprenticeship programmes to executive level training.
- Institute for Advanced Manufacturing & Engineering Developing industry-ready engineering graduates

## Connectivity

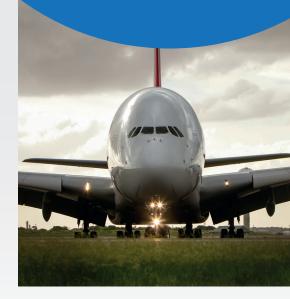
Coventry & Warwickshire is at the heart of Britain's transport network providing links to road and rail that the rest of the UK strives for.

- 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 & 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



Coventry and Warwickshire may be known for its automotive sector, but is also steeped in aerospace industry history. The strong local skills base and network of qualified aerospace suppliers make it one of the key local clusters in Midlands and UK aerospace.

ANDREW MAIR
MIDLANDS AEROSPACE ALLIANCE

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