

Coventry & Warwickshire is home to the UK's leading transport technologies cluster.

The local rail supply chain includes rolling stock, design and engineering, systems, infrastructure and testing.

You're in Good Company

The Coventry & Warwickshire advanced engineering cluster includes a number of leading rail specialists:

- Industrial design specialists DCA design of Warwick designed the Hitachi 800 Class High Speed Train interior. TDI (Transport Design International) are specialists in public transport systems and their clients include Bombardier, Siemens and Alstom.
- The area includes light and very light rolling stock manufacturers CAF Rail, Vivarail and Severn Lamb.
- Network Rail's Rugby Operating Centre (ROC), Westwood Leadership Centre (their £20m national training centre) and National Distribution Centre (NDC) are all located here.

As well as a number of companies focused on the rail sector, many of the local engineering supply chain work across sectors. The Rail Alliance has over 300 members locally and nationally from the rail supply chain.

Ideas & Innovation

- **The Quinton Rail Technology Centre (QRTC)** near Stratford-upon-Avon is connected to the national network and features engineering workshops, extensive storage facilities, 2400m rail test track and a cluster of rail specialists. The facilities can be used for impact testing, product approval, product development, trade events and training.
- **WMG**, based at the University of Warwick, is bringing its automotive expertise to light rail. It is a partner in the Revolution Light Rail project, facilitating low cost connectivity of suburban and rural areas.
- **The Centre for Mobility and Transport** and the **Applied Low Carbon Centre** at Coventry University brings together multi-disciplinary teams researching vehicle dynamics, low carbon technologies, cyber security and autonomous systems, future vehicle design and human systems integration.
- **National Advanced Propulsion Centre**, at the University of Warwick showcases a 10 year, £1bn investment by UK government in future propulsion technologies.



KEY FACTS



3 Rolling Stock Manufacturers



4 Rail Centres of excellence



2400m of test track, connected to the national rail network



Key rail specialisms:

- Light-weighting
- low carbon powertrain
- light and very light rail
- design and prototyping

- **Rail Live** and **Light After Dark** are annual events at the Quinton Rail Technology Centre showcasing trackside technologies.
- **The Manufacturing Technology Centre (MTC)** in Ansty develops and proves innovative manufacturing processes and technologies. Members include leading rolling stock companies Alstom, Siemens, Thales and London Underground.

Skills and Training

Coventry & Warwickshire is well served by local colleges and universities. In particular, the area is at the forefront of UTCs (university technical colleges).

- **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 **National College for High Speed Rail** in Birmingham, will provide specialist vocational training for future generations of engineers.
- The **National Training Academy for Rail (NTAR)**, with a multi-million pound facility based in Northampton, is an international Centre of Excellence for skills development and collaborative working in traction and rolling stock.
- **Westwood Leadership Centre** is Network Rail's £20m national training centre.
- **Institute for Advanced Manufacturing & Engineering** –

Develops industry-ready engineering graduates.

- **The Lloyds Bank Advanced Manufacturing Training Centre** delivers a range of training and experience on real-life projects.

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

“DCA's Warwickshire location provides easy access to domestic and international travel networks, which remains essential for face to face communication with our clients. It also means we are surrounded by high quality, responsive industrial suppliers and top ranking institutions. Warwickshire is an attractive place to live, which helps us to recruit and retain the high calibre staff we need.”

ROB BASSIL
TECHNICAL DIRECTOR
DCA DESIGN INTERNATIONAL

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