

## KEY UK & IRELAND SITES

### Manchester

Servicing and heavy overhaul of Pendolino mainline trains along with other vehicles.

### Widnes

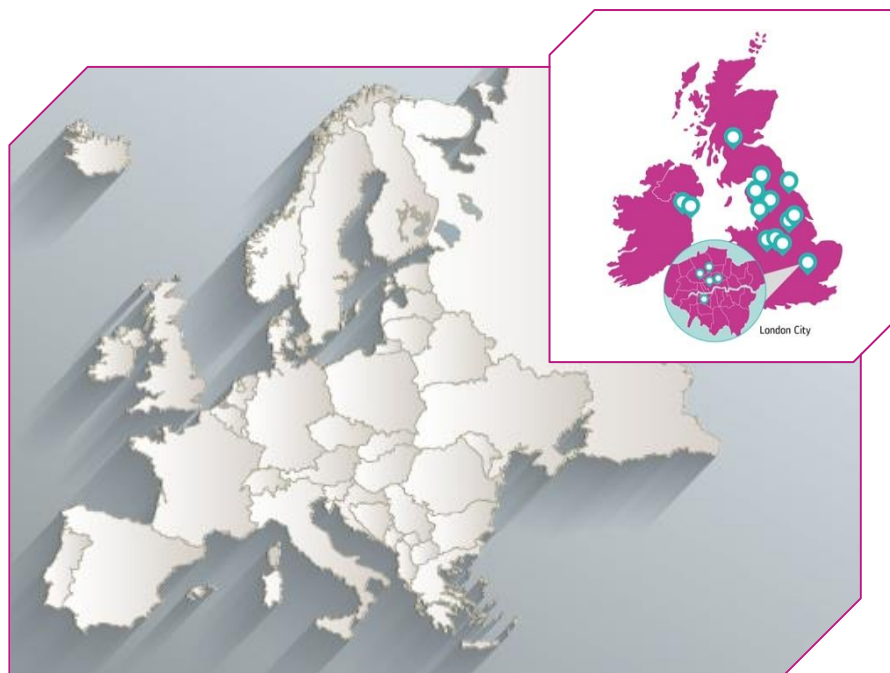
A brand new Transport Technology Centre and Academy for Rail opened in 2017.

### Dublin

Servicing of LUAS Citadis trams.

### Borehamwood

Headquarters for signalling and infrastructure business.



## KEY FIGURES

We employ **3,200**, spread across the UK and Ireland.

We work with **1,200** local suppliers, contributing to the UK's and Ireland's economies.

Around **1 million** passengers travel on an Alstom Northern Line metro train every day.

**34 million** passengers use our Pendolinos with Virgin Trains every year.

We have invested in a new Technology Centre and Academy for Rail in Widnes, North West England.

## ALSTOM IN THE UK & IRELAND

Alstom has been part of the rail industry here for over a century. One third of all daily passenger rail journeys in the UK are on an Alstom train and half of the trains on the London Underground were made by Alstom. The first ever Citadis tram was created for Dublin, Ireland.

We provide the widest range of smart solutions in the rail market, from innovative high-speed rolling stock, metros and trams to maintenance, modernisation, infrastructure and signalling.

Our new technology centre at Widnes, where we have built a world-class training academy and modernisation facility opened in 2017.

### INDUSTRIAL ACTIVITIES



- **Service, maintenance, overhaul and modernisation** of rolling stock built by Alstom and other manufacturers.



- **Engineering and installation of signalling systems**, including digital railway systems and ERTMS.



- **Building infrastructure for major rail projects**, including electrification and Crossrail works as part of joint ventures.

## MAIN REFERENCES

One of the largest railway suppliers in the UK and Ireland, around a third of UK rail journeys are taken on an Alstom train.

- **Pendolino:** We built the 56 Pendolinos running on the West Coast Mainline. Passenger numbers are now at 37 million per annum and the fleet runs 17.8 million miles every year. We have converted 31 trains from nine-car to 11-car.
- **Eurostar:** Alstom built the UK's very first High Speed Train, the 38 original e300 Eurostars that operate between London, Paris and Brussels. We recently donated two powercars to the National College for a new generation to train on.
- **HS1:** An Alstom-led infrastructure joint venture delivered the final 20 km of track and overhead line for the final phase of the Paris – London HS1.
- **Metro:** We built and service 106 trains on London Underground's busiest line, the Northern Line, guaranteeing 96 in operation every day.
- **Trams:** Alstom built and services the fleet of Citadis trams that serve the Dublin LUAS and supplied 22 Citadis trams to serve the Nottingham tramway. Longer trams are due to arrive in Dublin this year.



## PROJECTS ONGOING

- **Crossrail:** The ATC unincorporated joint venture is delivering the system-wide fit out package of the 21km twin Crossrail tunnels under London.
- **Signalling:** Alstom is delivering innovative new solutions to provide signalling for Crossrail outside the main tunnel and is delivering Network Rail's Bristol Area Signalling Renewal & Enhancement.
- **Electrification:** The ABC joint venture is the UK's biggest electrification provider, currently working on the Edinburgh Glasgow Improvement Project.
- **New Transport Technology Centre and Academy for Rail:** Alstom has invested in a brand new Technology Centre and Academy for Rail in Widnes.
- **Modernisation:** The first contract being delivered in Widnes is a £90m complete re-paint of the Pendolino fleet to extend their life.
- **Services:** Alstom maintains and overhauls the entire Pendolino fleet, London Underground's Northern Line trains, Nottingham and Dublin tram fleets, plus a range of other rolling stock.

