


AN INFRASTRUCTURE REVOLUTION



BIRMINGHAM INTERCHANGE STATION A HIGH SPEED TRANSPORT HUB

Phase 2 of High Speed Two (HS2) will create a 'Y network' from Birmingham to Manchester and Leeds, as part of strengthening connections between the South East and the Northern Powerhouse. To avoid a lengthy diversion via central Birmingham and reduce congestion with intercity freight, a new interchange station will be built nine miles east of the city near Solihull, allowing services to diverge and connect to the North West and the North East.

In line with the Government's plans to level up the economy across Britain, **Birmingham Interchange Station** will improve connectivity for local residents and provide a catalyst for investment not only in the West Midlands but nationwide.

WHAT IS BIRMINGHAM INTERCHANGE STATION?

Birmingham Interchange Station is a critical part of the HS2 network, which will bring the West Midlands within an hour's commute of London, Manchester, Leeds, Sheffield, York, Preston, and Wigan. It consists of three projects across a 370-acre site:

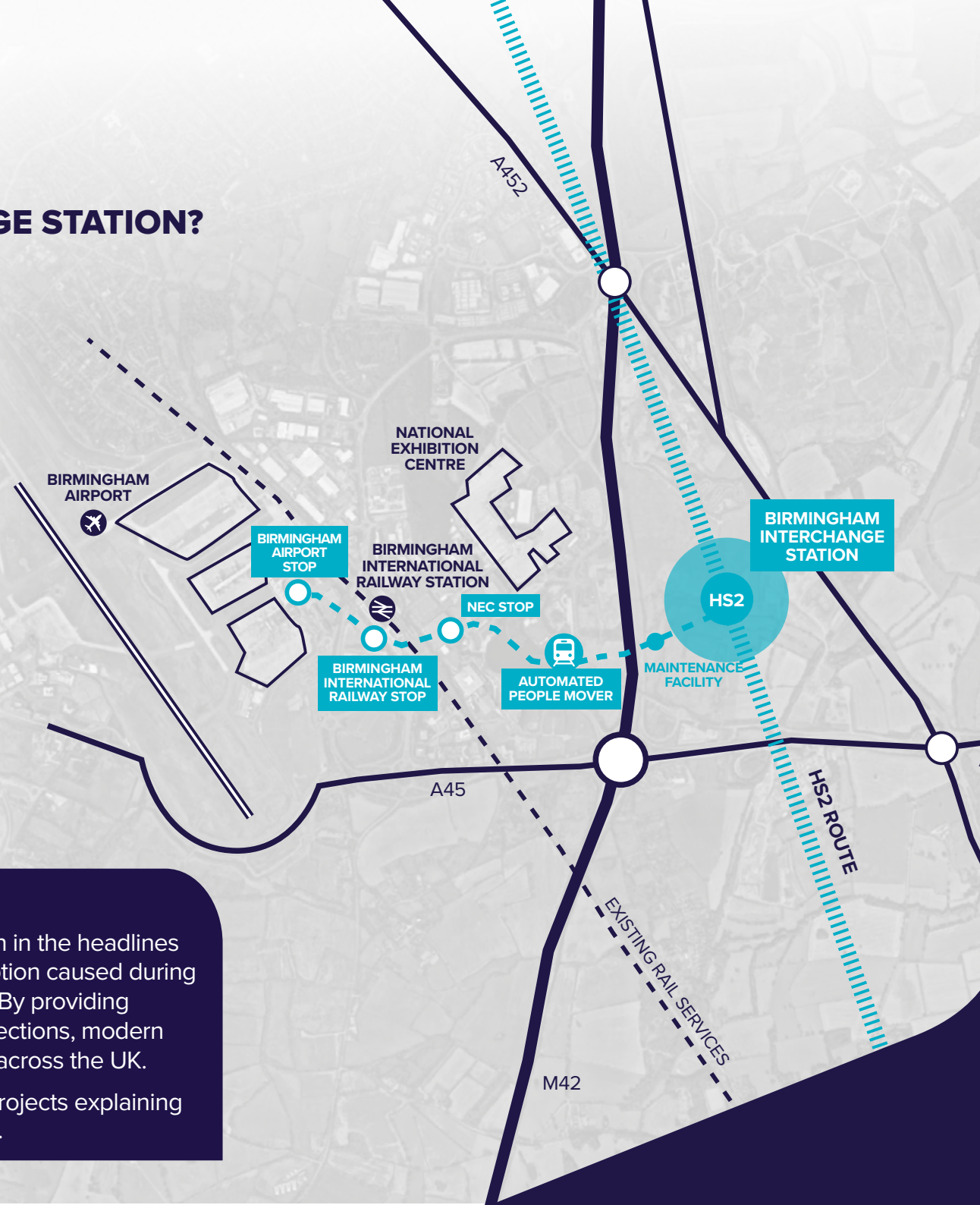
- **Interchange Station:** a new rail gateway for the region that will serve up to 38,000 passengers per day, along two 415-metre platforms
- **Automated People Mover:** a new short-distance transit system allowing up to 2,100 passengers per hour to travel between the NEC, Birmingham Airport and other local transport hubs
- **Local Road Improvements:** improvements to the local road network, with four new highway bridges strengthening connections between existing routes.

The total budget for Birmingham Interchange Station is expected to be £370 million. Enabling works began in 2020 and construction is scheduled to start in 2024, with train services beginning between 2029 and 2033.

Delivering an Infrastructure Revolution

Whilst economic and social infrastructure projects are often in the headlines due to the amount of money spent on them and the disruption caused during their construction, they generate huge long-term benefits. By providing better local services, new jobs, cleaner air and faster connections, modern infrastructure helps to level up opportunity and prosperity across the UK.

[Build UK's factsheets](#) cover a range of local and national projects explaining what they are and why they are being built in Britain today.





WHY WE NEED BIRMINGHAM INTERCHANGE STATION

Birmingham Interchange Station will unlock economic growth in the West Midlands and beyond by providing a quicker, cleaner and more reliable connection to neighbouring regions. Once completed, it will:

- Integrate fully with existing transport networks, with a 'station square' providing access to buses, coaches and taxis, and cyclists supported by a mixture of dedicated access routes and shared space footpaths
- Reduce reliance on motor vehicles for personal transport, helping to cut carbon emissions and meet the country's long-term net zero targets
- Enable the construction of up to 5,000 new homes in the local area
- Draw visitors to the region, with its automated people mover providing rapid transit to the NEC, Birmingham International Station and Birmingham Airport.

BIRMINGHAM INTERCHANGE STATION IN NUMBERS



£370m
estimated investment



38,000
daily passengers



1st
station to achieve
BREEAM Outstanding

KEY ISSUES

- Construction will be taking place in populated areas and **disruption** is anticipated for the duration of the project. A series of measures have been introduced to minimise any impact on the local community and take pressure off local roads, including dedicated haul routes and the use of rail lines for the transport of materials where possible.
- Concerns have been raised over the impact construction will have on the **local environment**, with over 200 acres of farmland to be developed and built on. In response, plans have been developed to ensure woodland and pasture is replaced, including 77,000 newly planted trees. A further £50 million was also allocated by the Government in the Budget 2021 to support locally-funded plans for construction of a multi-storey car park, which will free up an additional 28 hectares of land for development.

WHO WILL BENEFIT?

The Environment

- Birmingham Interchange Station will operate on a net zero carbon basis and has been placed in the top 1% of buildings in the UK for eco-friendly credentials. Its carbon footprint will be minimised by 2,000m² of solar panels and a sunken roof design that collects rainwater while maximising the penetration of natural light and reducing the artificial lighting required. It is the first railway station in the world to achieve the BREEAM 'Outstanding' certification, a measure of sustainability for new and refurbished buildings.
- Native species of trees, shrubs and wildflowers have been planted in the local area, enhancing its biodiversity.
- As part of the wider HS2 project, the station will play a key role in the UK reaching its 2050 net zero carbon objectives, as a passenger kilometre on HS2 produces just 5% of the carbon emissions of air travel, 12% of travel by road, and less than 50% of the current intercity rail system.

The Economy

- The development of the 'hub' area of Birmingham Interchange Station, Birmingham Airport and the NEC will result in 650,000m² of new commercial space, creating 30,000 new jobs and safeguarding 40,000 more, whilst generating a total economic benefit of £6.2 billion per annum, which exceeds that of cities such as Southampton and Sunderland.
- Half of all contracts on the HS2 project will go to SMEs, and almost 450 businesses in the West Midlands have worked on it so far.

The Local Community

- Journey times will be significantly reduced, with London, Manchester, Leeds and Sheffield all brought within an hour of Birmingham Interchange Station.
- The station has been designed to blend seamlessly into the background of fields and waterways, ensuring both visitors and local residents will retain unspoilt views.

Further Information

Arup (2020) [Interchange Station Design](#)

HS2 (2017) [H2: Birmingham Interchange Station](#)

HS2 in Solihull (2021) [Overview](#)

HS2 Ltd (2021) [Phase One: London to West Midlands](#)

Solihull Council (2021) [Multi-Storey Car Park at HS2 Interchange Station](#)

Solihull Council (2020) [Sustainable Economic Growth](#)

Urban Growth Company (2019) [Hub Growth and Infrastructure Vision](#)

Find out more
www.HS2.org.uk

Contact us
www.BuildUK.org

