

HS2 WILL BRING

- 1. INCREASED CAPACITY**
- 2. INCREASED CONNECTIVITY**
- 3. LOWER CARBON**

1. INCREASED CAPACITY

By moving long-distance traffic from the current rail network onto HS2's new high-speed line, it will create the extra room needed to improve local, regional and freight services.

Rail capacity today

Much of the UK's rail network was built over 100 years ago, yet rail travel has more than doubled over the last 20 years. Over the past 10 years, rail infrastructure investment has amounted to more than £74 billion, but this cannot provide all the additional capacity required on the network for passengers and freight.

How HS2 creates more rail capacity

As a brand new railway line, HS2 is the best option for taking the pressure off the existing network by adding extra capacity where it is needed most. Building HS2 frees up a massive amount of space on the existing railway by placing long distance services on their own pair of tracks. Once HS2 is operating, services can run much closer together, meaning there can be more rush hour trains, helping to relieve overcrowding. Once the full network is operational it is expected that HS2 trains will carry over 300,000 passengers a day. HS2 is future proofed too, by making sure the network can grow with increased demand.

2. INCREASED CONNECTIVITY

HS2 is the most important economic regeneration project in decades. It will act as a catalyst for growth and help level-up the country, boosting growth in the Midlands and North. Better connectivity opens-up new employment and leisure opportunity for millions of people.

Connecting our great cities

HS2 trains will serve over 25 stations, from Scotland to the South East. They include eight of Britain's ten largest cities. HS2 is the backbone for both Northern Powerhouse Rail and the Midlands Rail Hub to further connect the great cities of the Midlands and the North.

3. LOWER CARBON EMISSIONS

HS2, will bring a cleaner, greener future.

The trains will be powered by zero carbon energy from day one of services. That means becoming net zero from 2035.

The Net Zero Carbon Plan

HS2 trains will be powered by zero carbon energy from day one of operation, offering a cleaner alternative to long distance car journeys and domestic flights. This commitment will play a key part in supporting the HS2 aim to make the project net zero carbon from 2035, with targets of diesel free construction sites and reducing the carbon content of steel and concrete.

Objectives

In order to guide and manage our potential environmental impacts, we will seek to achieve the following objectives:

