

PORR slab track technology for High Speed Two (HS2)

Data and facts

Company

Type

Slab Track Austria

Runtime

01.2021 - 04.2029

Principal

HS2 Ltd.

[Project report online](#)

www.porr-group.com



Slab Track Austria for HS2, the largest railway project in Europe.

With the delivery of slab track for HS2, PORR continues to advance its technology for an operating speed of 360km/h, which is unprecedented on this continent.

Environment and sustainability at the heart of our delivery of the project

New high speed railway connections are not only key for improved and fast travel but also for reducing CO₂ emissions caused by transport activities. Slab track form has been gaining ground as the preferred way to build high speed railway lines to serve the needs of the ever-increasing demand for fast, reliable and sustainable mobility.

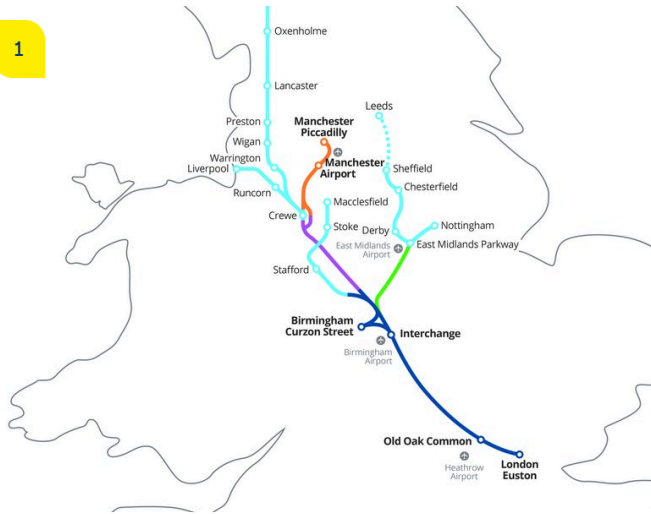
In executing the HS2 contract, a gentle approach to the environment and local communities will drive our activities. This has led to the decision to establish our factory in Somerset, in direct proximity of the source of aggregates used for the production of the track slabs, in order to significantly reduce the impact on both the environment and the local community.

Our pro-active focus on re-use of water resources, minimising and recycling of waste, green energy, and care for the biodiversity integrated into the manufacturing process is in line with the client's objectives for this transformative project.

After the project's completion, the almost maintenance-free Slab Track Austria technology will enable sustainable high-speed travel throughout the full life cycle of over 60 years.

Impressions

1



2



3



Image notes

1

High speed for the UK.

With a Y-shaped network of track, the new railway will connect London with Birmingham, Manchester and Leeds.

3

Up for record-setting speeds.

Currently PORR continues to advance its technology for an operating speed of 360km/h.

2

Slab production under highest standards

Panels are produced in a prefabrication or field plant. Therefore the precast slab production is independent of weather conditions.

Do you have questions about the project or would you like to learn more? Feel free to contact us for further information.

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