



Wolmirstedt near Magdeburg

SüdOstLink

Data and facts

Company	PORR Verkehrswegebau GmbH
Type	Pipeline construction
Runtime	05.2025 - 12.2027
Principal	50Hertz Transmission GmbH

[Project report online](#)

www.porr-group.com



Major pipeline construction project for the energy transition

The scope of work includes the laying of cable protection pipes using open-cut trenching, the construction of crossing structures, the creation of access roads and work areas, as well as extensive earthworks and topsoil works. Separate cable trenches are required due to the laying of two 525-kilovolt direct-current connections. Closed construction methods for crossing roads and waterways are carried out by specialist subcontractors.

Phased line construction based on Lean construction principles

Implementation follows the lean construction method using a phased construction approach. Several synchronised work teams are operating along the route to ensure efficient and predictable processes. A particular challenge is the coordination of numerous interfaces – from landowners and suppliers to specialist contractors for cable pulling, horizontal drilling and pipe jacking.

Due to the operational heat generation of the power cables, which will later reach up to 60°C in the ground, the specific requirements regarding thermal and soil-mechanical properties must be observed when installing the soil materials in the pipeline zone.

CMG, a subsidiary company of PORR, developed an innovative method to optimise pipeline construction using a patented plough design. Using GPS-controlled attachments for a crawler loader, the cable protection pipes and fibre-optic pipes are laid swiftly into conduit zone C.

With the completion of section A1, PORR transport route engineering Berlin is making a significant contribution to the completion of the SuedOstLink.

Impressions

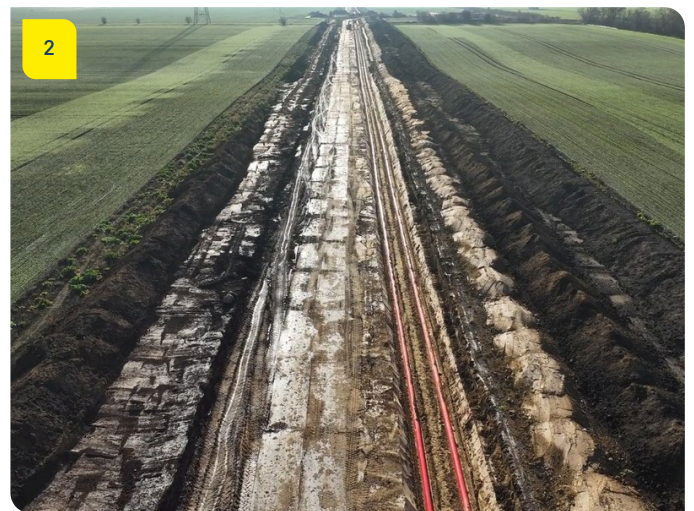


Image notes

1

The first four sections (Nos. 12–15) have already been completed.

2

Cable pull started three months earlier

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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