

Open Grid Europe GmbH

Client
Open Grid Europe GmbH

Construction time
08/2022 - 12/2022

Order value net
33,500,000 €

Contractor
FRIEDRICH VORWERK SE & Co. KG
Bohlen & Doyen Bau GmbH

Own work
Civil engineering and pipeline construction, Welding work, pressure testing

Subcontractor services
Sheet piling work, construction of construction roads, drilling in the mod. Direct Pipe Procedure

Features
Work in soils with poor bearing capacity; Crossings of water bodies and roads in the mod. Direct Pipe

Contact
www.friedrich-vorwerk.de

Wilhelmshaven connection line Lot 2 (WAL)

In this year's summer, FRIEDRICH VORWERK, based in Tostedt, secured a contract for part of the connecting pipeline to the LNG terminal in Wilhelmshaven. The scope encompasses a 27 km section from Sillenstede near Schortens to the NETRA pipeline close to the gas storage facility in Etzel, designed H2-Ready with DN 1000 and DP 100.

Construction work commenced in May on a jetty for floating LNG terminals in Wilhelmshaven. By year-end, two such terminals are set to be connected. Officially, the construction of the connecting pipeline began on August 22, 2022. Since then, the VORWERK and BoDo teams have been diligently laying the pipeline to ensure its completion by December 2, 2022, remarkably 18 days ahead of schedule.

At its peak, around 170 employees were involved in the project, using 27 caterpillar cranes, necessitated by challenging soil conditions. In October, the pipe-laying and bending tasks were accomplished, with approximately 7,000 tonnes of sheet piling driven due to ground conditions. Weekly, about 60 trucks delivered sheet piling materials to 90 construction locations. The primary focus remained on trenching, pipe lowering, connection, and timely backfilling.

Simultaneously, station construction advanced at the GDRM plant in Horsten/Friedeburg and the LSE station in Schortens. Prefabricated spools were meticulously prepared in Wiesmoor, undergoing testing and approval. As scheduled, stations were operational in December. On December 12, the connection to the existing long-distance line NETRA will be executed.