

Project control and coordination in the SuedLink project

LOCATION: Glückstadt and Hannover, Germany

SYSTEM/TECHNOLOGY: HVDC Transmission 525 kV

SERVICES: Project management

INDUSTRY BRANCH/TYPE OF PLANT: Infrastructure Projects, Green Energy, Transmission & Distribution

CLIENT: TenneT TSO

ACTIVITY PERIOD: 2021 - 2027

Tasks

SuedLink is a grid expansion project being implemented by the two German transmission system operators TenneT and TransnetBW. It consists of two direct current transmission systems between Wilster and Bergheimfeld/West and Brunsbüttel and Großgartach (Leingarten), which are being planned, built and operated in parallel. In 2015, an underground cable priority for all direct current transmission lines was adopted by law. SuedLink is thus being planned 100 percent as an underground cable. SuedLink is the largest energy transition project in Germany and will be able to transport a total of 4GW of wind energy from northern Germany to Bavaria and Baden-Württemberg once it is completed.

Project description

Around 700 kilometers of underground cable will be laid for SuedLink and around ten billion euros invested. Once completed, the direct current line will connect the windy regions of northern Germany with the consumption centers in the south of the Federal Republic. In order to efficiently advance the further approval process and subsequent construction, TenneT has commissioned INP Deutschland as project manager.

INP Services

As a strategic partner of TenneT in the SuedLink project, INP assumes essential tasks in planning coordination for the route section in the North regional area of the project. In particular, this includes an interdisciplinary team to manage the regional planning office in planning section 1 at the regional office in Glückstadt on the Elbe. The competencies of this team include project management and control, approval planning under public law, technical planning, environmental planning, plan run management, schedule and risk management, digital engineering, and geographic information systems (GIS).

In addition, INP assumes individual roles in sections 2 and 3 (Digital Engineering/GIS and Forest Protection) In addition to the tasks listed above,

POINTS OF CONTACT



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INP Reference

other INP employees also provide support at other points in the SuedLink project, such as in the construction coordination of the converter stations.