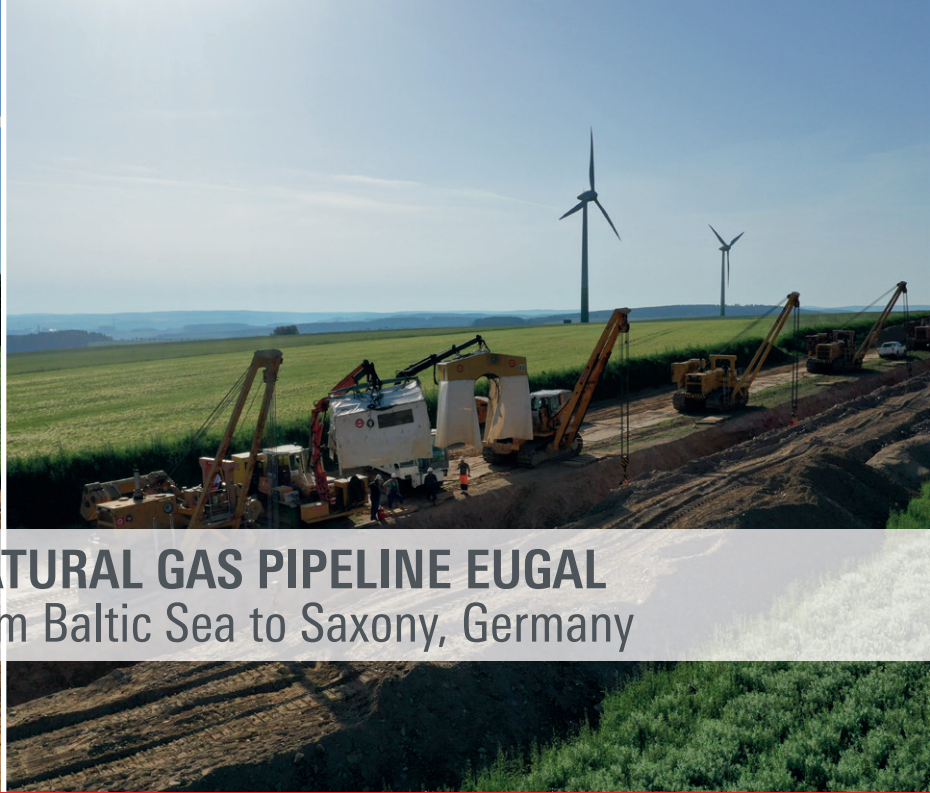


PIPELINE CONSTRUCTION

NATURAL GAS PIPELINE EUGAL
from Baltic Sea to Saxony, Germany



NATURAL GAS PIPELINE EUGAL from Baltic Sea to Saxony, Germany

Client: GASCADE Gastransport GmbH

On behalf of GASCADE Gastransport GmbH, MAX STREICHER GmbH & Co. KG aA in consortium with the Italian company BONATTI S.p.A. carried out the construction of the southern part of the EUGAL gas pipeline. The 480 km long route runs from Lubmin on the Baltic Sea to Deutschneudorf on the Saxon-Czech border, partly in two parallel strings. The six construction lots carried out by STREICHER and BONATTI included the laying of 291 km of pipeline, around 100 crossings – carried out by direct pipe or micro-tunneling method, further 160 crossings (open trench method), the construction of 23 valve, pig and pump stations as well as special constructions on various rivers.

Each joint venture partner carried out two construction lots completely alone, the two northernmost lots of the section were carried out together. The first EUGAL line, including the Deutschneudorf gas pressure control and measuring system (here also other STREICHER companies were involved), has been in operation since the end of November 2019 – transporting natural gas to the Czech Republic. The second shorter line has been in operation since the end of last year, after the pressure testing, geometry pigging and drying of the pipe sections by the STREICHER subsidiary PSI Pipeline Services International GmbH & Co. KG.

Project details

Client	GASCADE Gastransport GmbH
Power spectrum	Civil engineering, drillings, crossings, valve, pig, pump stations
Location	Lubmin to Deutschneudorf
Total length	480 km
Nominal width	DN 1400
Execution period	August 2018 - December 2020

Challenges

- High groundwater level
- Starting and receiving pits for two 79 m long microtunnels
- Larger water crossings - mostly trenchless laying
- Open culvert of the Elbe
- Crossing roads and train tracks
- Rocky subsoil - partly blasting necessary, partly low-vibration boreholes



Location:
Lubmin to Deutschneudorf, Germany

● — ● Execution by STREICHER and BONATTI