

Gascade Gastransport GmbH

Client
Gascade Gastransport GmbH

Construction time
08/2018 - 12/2020

Contractor
FRIEDRICH VORWERK SE & Co. KG

Own work
Civil engineering & pipeline construction, semi-automated Welding, station construction, pressure testing, cold bending work, culvert laying, crossing using the Drill pressing and pile driving

Subcontractor services
Post casing, Microtunneling, HDD, Drainage &. drainage & dewatering measures, crossing by drilling & pile driving

Features
Parallel routing to the OPAL route, high number of special structures special structures (double line crossings, 4 HDDs up to 820 m in length, 4 microtunnels up to 800 m in length, 4 Direct-Pipe) Double laying in nature conservation areas in the first construction window, ambitious completion date especially for EUGAL line 1

Contact
www.friedrich-vorwerk.de

Pipeline construction Eugal, construction lot 7+8

The EUGAL pipeline stretches over a length of approx. 480 km from Lubmin in Mecklenburg-Western Pomerania to Deutschneudorf in Saxony. The pipeline is divided into 14 construction lots and runs through the federal states of Mecklenburg-Western Pomerania, Brandenburg and Saxony.
In construction lots 1 to 10, the pipeline will be laid in two annual phases as a double line. The EUGAL pipeline is one of the most ambitious pipeline construction projects in Europe. The ARGE EUGAL LOS 7 + 8 has been commissioned with the double strand laying in the construction lots 7 + 8 over a total length of 128 km. The EUGAL sections to be worked on by us are located in the south of Berlin and extend from Lüdersdorf to Gräbendorf. The double pipeline in the dimension DN 1400 with a pressure rating of 100 bar is to be laid in a 54 m wide working strip mainly in open cut construction. In addition to various challenging crossings of the existing OPAL pipeline, the Löcknitz, the Oder-Spree waterway and the Müggelspree have to be crossed using the HDD or microtunnelling method.
and the Müggelspree have to be crossed over a length of up to 1,200 metres.
Construction started in August 2018 with the construction of the working strip and the pipe delivery. After just over a year of construction, the EUGAL 1 route was ready for operation in October 2019. This involves approximately 6 km of double laying in special route sections and the construction of 4 double shut-off stations, as well as the completion of the HDD drilling of EUGAL 2. After commissioning of EUGAL 1, the pipe-laying works will be continued in parallel with a clear distance of 10 m. EUGAL 2 was constructed ready for operation in October 2020. At its peak, the EUGAL Lot 7+8 consortium employed approximately 450 people on the construction site with a fleet of more than 150 pieces of large equipment.