



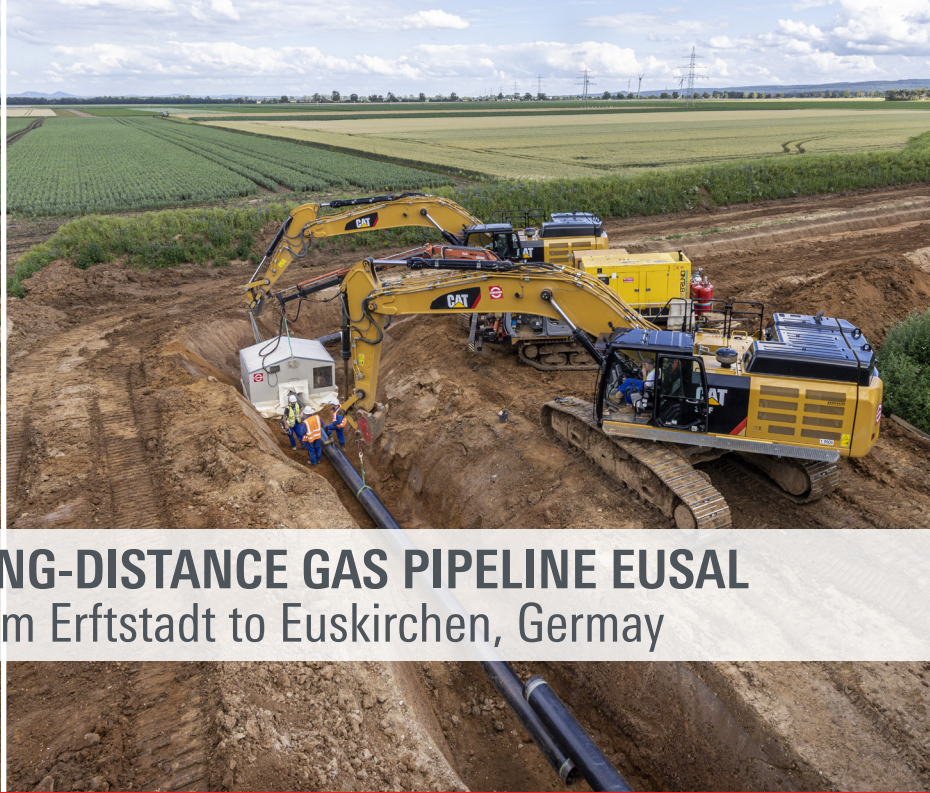
STREICHER



PIPELINE CONSTRUCTION

LONG-DISTANCE GAS PIPELINE EUSAL
From Erfstadt to Euskirchen, Germany

www.streicher.de



LONG-DISTANCE GAS PIPELINE EUSAL

From Erfstadt to Euskirchen, Germany

Client: Open Grid Europe GmbH (OGE)

On behalf of Open Grid Europe, MAX STREICHER GmbH & Co. KG aA carried out the pipeline project EUSAL, located between Erfstadt and Euskirchen in the west of Germany and having a length of about 18.5 km.

Besides civil engineering and pipeline construction works STREICHER realised several crossings – including microtunneling of the river Erft – and the installation of the gas pressure regulating and metering stations in Kuchenheim and Lechenich.

The aim of the new pipeline is to connect the natural gas transport pipeline Lichtenbusch-Stolberg with the natural gas pipeline Bonn-Euskirchen. Furthermore the trans-regional natural gas

transport system is going to be prepared for higher capacities and another gas pressure regulating and metering station is planned to be built. The EUSAL is also suitable for the transport of hydrogen.

The project is an infrastructure project including the conversion from L- to H-gas. As the resources in Germany are limited, the country is dependent on the import of natural gas from different countries. However, the gases have different heating values and must not be mixed. Consequently, it is necessary to adapt the gas net and the related plants.

Project details

Client	Open Grid Europe GmbH (OGE)
Scope of work	Civil engineering, pipeline construction, crossings, valve and pig stations, gas pressure regulating and metering station Kuchenheim
Location	From Erfstadt to Euskirchen
Total length	18.5 km
Pipe diameter	DN 400
Test pressure	210 bar
Max. operating pressure	100 bar
Wall thickness	9.4 – 13.1 mm
Construction period	August 2020 – December 2021



Location:
From Erfstadt to Euskirchen, Germany

● — ● Execution by STREICHER