

Compressor station Radeland 2

••• FACT SHEET

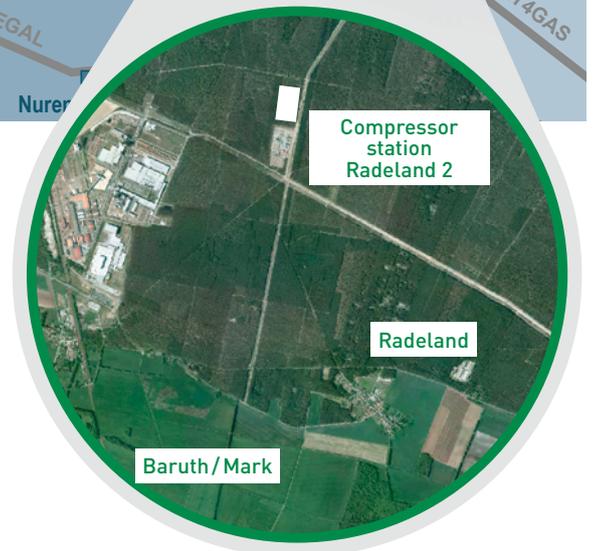
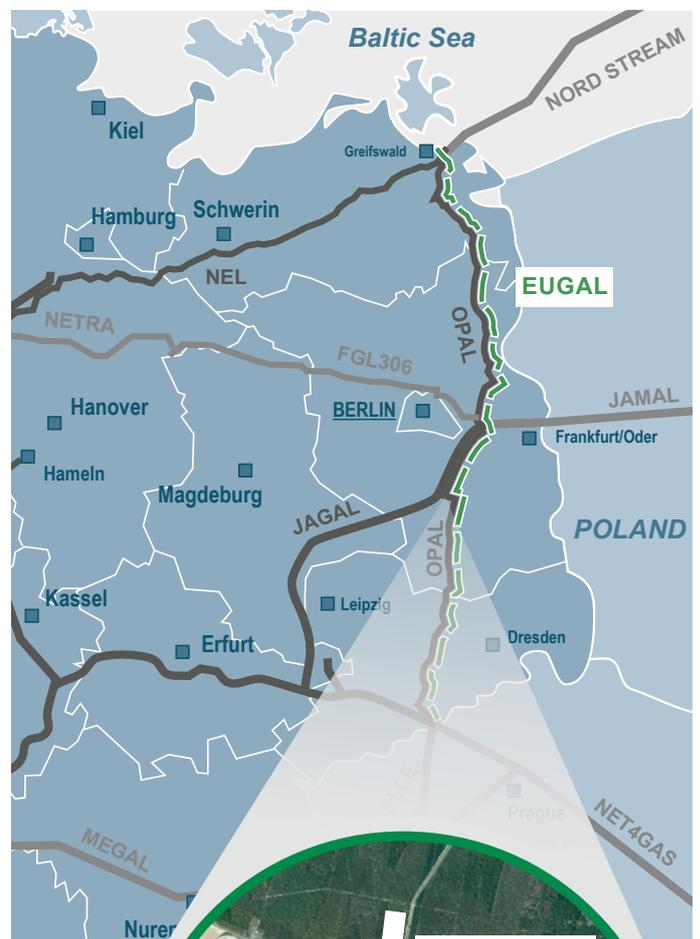


At the Radeland 2 compressor station, natural gas from the incoming pipelines is compressed to compensate for pressure losses. The gas can then be transported onward with the required pressure to the west via the JAGAL pipeline or toward the Czech Republic via EUGAL.

AN OVERVIEW OF THE STATION	
Location:	Radeland (Baruth/Mark)
Operating area:	approx. 10 hectares
Components of the new facility:	<ul style="list-style-type: none"> > Natural gas filtering system > 3 compressors > Gas pressure regulation and measuring system (GPRM system) > Preheating > Boiler system
Construction phase:	Start of 2019 to the end of 2020

WHAT DOES A COMPRESSOR STATION DO?

Compressor stations are an important element in the pipeline network. On its way from the source to the consumer, natural gas covers many kilometers and loses pressure in the process. This loss has to be compensated – and that is what compressor stations do. They raise the natural gas pressure and pump the gas onward.



WHAT ARE THE PARTS OF THE FACILITY AT A COMPRESSOR STATION?



Sample setup based on the existing compressor station Radeland 1

1 Intake filter

The intake filter is used to first clean the natural gas and remove foreign substances.

2 Compressor systems

In the compressor systems, the gas pressure, which has decreased after the long transport, is raised again. The systems are housed in compressor buildings to keep noise emissions to a minimum.

3 Gas coolers

The temperature of the natural gas rises through it being compressed. Air coolers cool the gas and bring it to the desired operating temperature.

4 Gas pressure regulation and measuring system (GPRM system)

The gas quantity and quality are checked in a GPRM system before the gas is transferred to other pipelines. At Radeland 2, for example, the gas is checked before being transferred to the JAGAL pipeline.

5 Annexes

Annexes are various service buildings such as the central control station, control rooms and workshop, as well as supply buildings with a heating system, fuel gas treatment system and storage facility.

ABOUT GASCADE GASTRANSPORT GMBH

GASCADE, formerly WINGAS TRANSPORT GmbH, has been planning, building and operating one of Germany's largest gas pipelines for two decades. GASCADE thus directly connects five European countries with each other and guarantees secure energy supplies in Germany and Europe. GASCADE is owned by the chemical group BASF SE and PAO Gazprom.

ABOUT THE SHAREHOLDERS

The European gas pipeline link is a joint project between the German transmission system operators GASCADE Gastransport GmbH, Fluxys Deutschland GmbH, Gasunie Deutschland Transport Services GmbH and ONTRAS Gastransport GmbH. GASCADE, as the project manager, holds 50.5 percent of the shares. The three other shareholders each own 16.5 percent of EUGAL. GASCADE will build EUGAL and operate it in the future.

CONTACT

Would you like more information or to learn more about the current project status of EUGAL? Then visit our website: www.eugal.de.

If you have any questions, please do not hesitate to contact us:

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