

# Gas pressure regulating and metering station Deutschneudorf

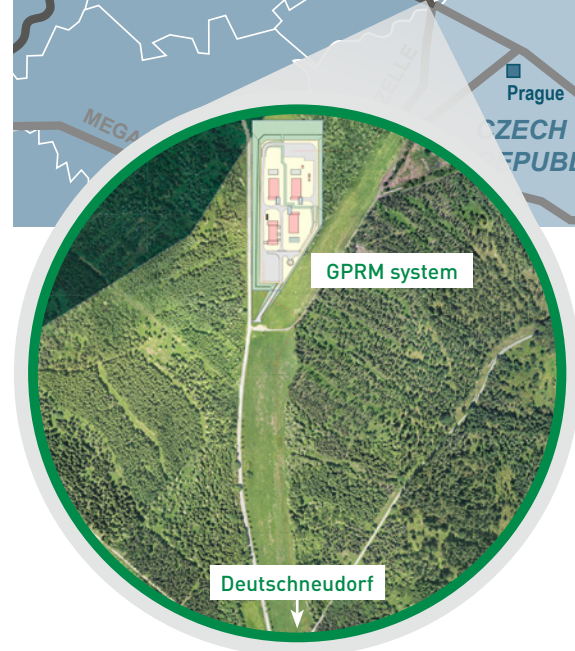
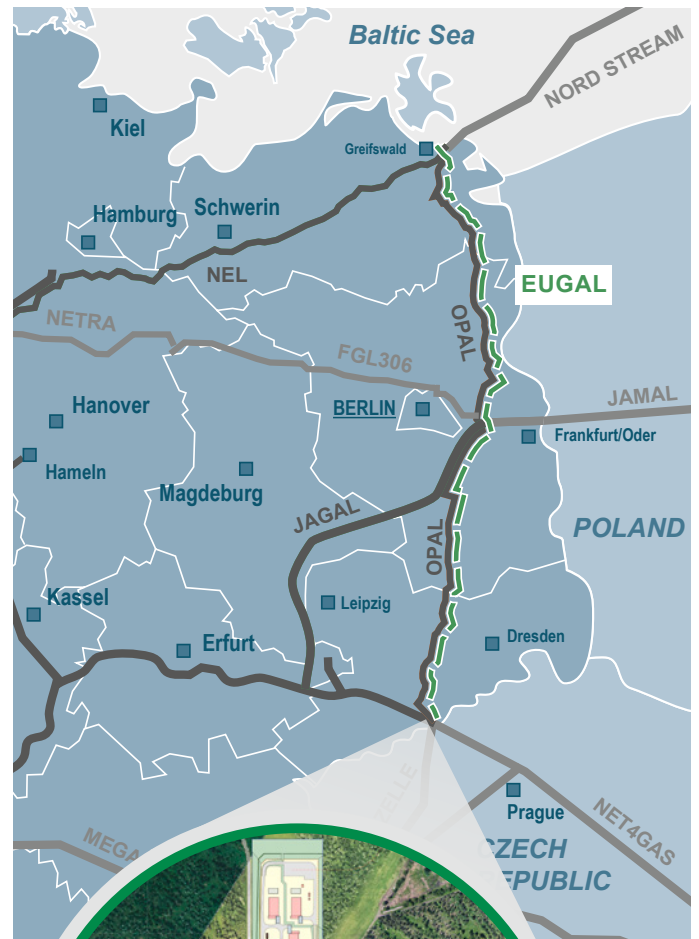
••• FACT SHEET



## EXPORT STATION FOR NATURAL GAS TO THE CZECH REPUBLIC

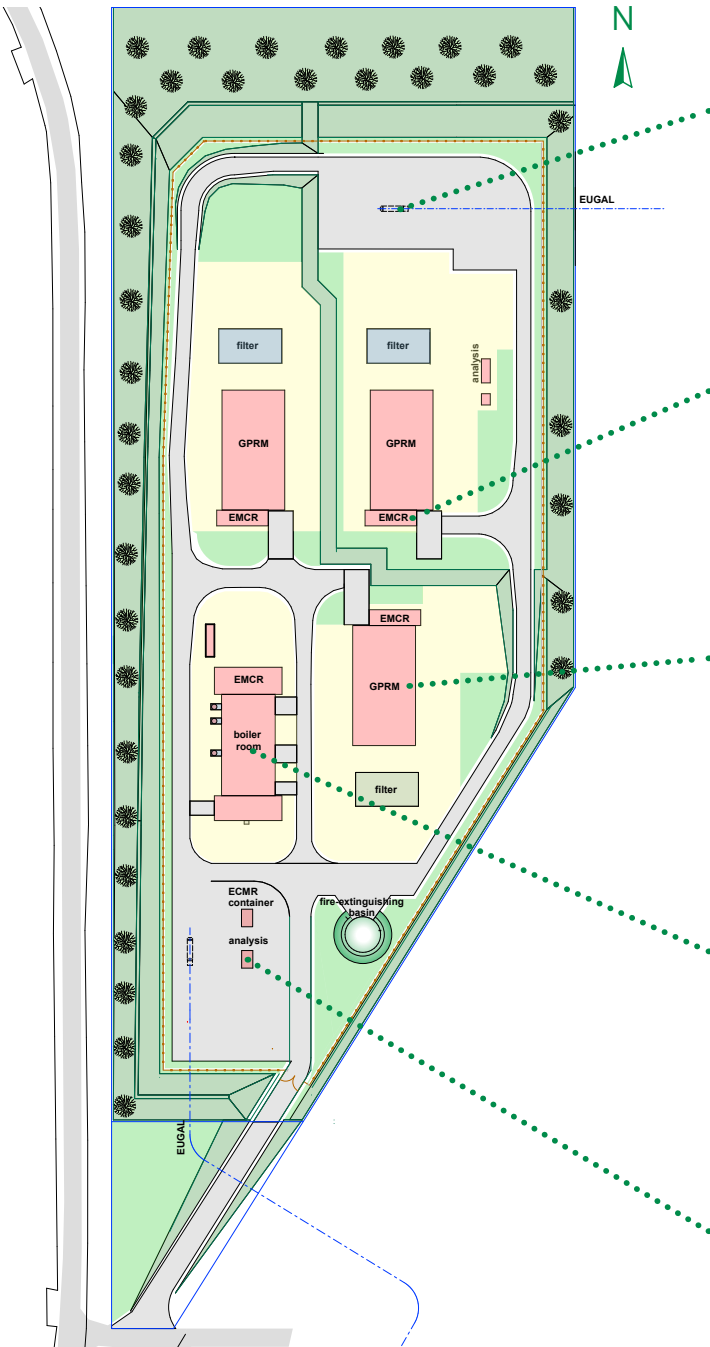
A gas pressure regulating and metering (GPRM) station is located in Deutschneudorf. It transfers gas to the Czech network operator NET4GAS, but is also technically equipped to receive gas from the neighboring country, making it an important link between the two countries.

The station measures natural gas pressure and regulates demand. In addition, natural gas quality is checked before it is exported to the Czech Republic.



AN OVERVIEW OF THE GPRM STATION	
Components of the entire GPRM station:	3 gas pressure regulating and metering buildings, including subsystems (see sample setup overleaf)
Maximum operating capacity:	4.2 million standard cubic meters of gas an hour to the Czech Republic
Operating and assembly area:	Operating area incl. greening: around 3.5 hectares Assembly area: around 0.25 hectares
Fencing:	Metal bar fence with a height of around 2.5 meters
Height of GPRM station building:	Approx. 7 meters
Heating system:	Chimney height approx. 10 meters
Planned access roads/ gates to the station:	One access road
Construction phase:	End of 2018 to the end of 2019

# PLANNED SETUP OF THE GPRM STATION IN DEUTSCHNEUDORF



## Pig trap

A pig launcher/receiver is the entry or exit point for the “pig”: a device for cleaning and inspecting the pipeline. The pig runs through the pipeline, cleaning and checking it.



## EMCR room

This part of the building houses the electrical systems, the measuring systems and the control and regulating systems – in short EMCR. All measurement data collected in the system converge here.



## GPRM building

The gas is filtered in front of the GPRM building and then routed into the building through a pipeline. Gas pressure and transport quantity are measured and set there. The gas is then exported to the adjacent pipeline network.



## Supply building and heating system

The gas is heated in the GPRM building with the help of hot water running through heat exchangers. This process prevents the gas from cooling in the event of a drop in pressure. The heating system heats the water for this purpose.



## Analysis container

In this container, the gas composition is analyzed and the quality of the gas determined.

## 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](http://www.eugal.de).

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

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## PUBLISHER

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