Baltic Pipe Project
New source of gas supply
--- WHO WE ARE ---

GAZ-SYSTEM is a wholly owned State Treasury company, entered on the list of companies of strategic importance for the Polish economy and the country’s energy security.

GAZ-SYSTEM is responsible for ensuring safe transportation of natural gas and the management of the national transmission system.

GAZ-SYSTEM is actively involved in the development of the integrated gas transmission system in Europe.

--- EXPANSION OF NATIONAL TRANSMISSION NETWORK ---

As part of the 2015–2025 investment programme, GAZ-SYSTEM plans to build over 2000 km of new gas pipelines in western, southern and eastern Poland. Further development of the national transmission network, including the construction of new gas pipelines within the North–South Gas Corridor, as well as the construction of interconnections with Denmark, Lithuania, Slovakia and the Czech Republic, will strengthen Poland’s energy security and make an important contribution to the development of the European gas transmission system.

Schematic overview map. Source: GAZ-SYSTEM
ABOUT BALTIC PIPE

STRATEGIC INFRASTRUCTURE PROJECT

The Baltic Pipe Project is a strategic infrastructure project aimed at creating a new natural gas supply corridor from Norway to the Danish and Polish markets, as well as to end-users in neighbouring countries.

At the same time, Baltic Pipe will enable the transmission of gas from Poland to Denmark and Sweden.

PARTNERS

The investment is carried out by the Polish transmission pipeline operator GAZ-SYSTEM and the Danish gas transmission system operator Energinet.

MEMORANDUM

In 2017, the Prime Ministers of Poland and Denmark signed a memorandum on cooperation on the implementation of the Baltic Pipe Project.

PROJECT OF COMMON INTEREST

The Baltic Pipe Project was recognised by the European Commission as a Project of Common Interest (PCI). The PCI status is granted to infrastructure projects designed to strengthen the European internal energy market, which support the objectives of the European Union’s energy policy to provide affordable, secure and renewable energy.

CO-FINANCING BY THE EUROPEAN UNION

Subject to additional requirements, as specified in Regulation (EU) No. 1316/2013 – the Baltic Pipe Project has received substantial financing from the Connecting Europe Facility (CEF).

The European Commission’s proposal to grant financial assistance was accepted by the EU Member States on 25 January 2018.
PROJECT OVERVIEW

The Baltic Pipe project consists of 5 main components:

1. **THE NORTH SEA OFFSHORE PIPELINE**
   Offshore gas pipeline between the Norwegian and Danish gas transmission systems

2. **ONSHORE DENMARK**
   Expansion of the existing transmission system in Denmark

3. **COMPRESSOR STATION IN DENMARK**
   Gas compressor station located in eastern Zealand

4. **THE BALTIC SEA OFFSHORE PIPELINE**
   Offshore gas pipeline between the Danish and Polish gas transmission systems

5. **ONSHORE POLAND**
   Expansion of the existing transmission system in Poland

**ENERGINET**

Energinet is responsible for the implementation of the first three components on Danish territory.

**GAZ-SYSTEM**

GAZ–SYSTEM is responsible for the construction of the offshore gas pipeline between Denmark and Poland and for the expansion of the gas transmission system in Poland.

INVESTMENT MAP

Schematic overview map. Source: GAZ-SYSTEM
BENEFITS

The implementation of the Baltic Pipe Project will bring significant socio-economic benefits for Poland, Denmark and other countries of the Baltic Sea region and Central and Eastern Europe. The project is fully consistent with the European Union energy policy guidelines in terms of the provision of secure, affordable and sustainable energy supplies.

The key elements of the development of regional gas markets include:

- **ENERGY SECURITY**: The diversification and access to new sources of gas supply are essential for strengthening national energy security. The emergence of new players on the gas market in Poland will increase its competitiveness and ensure continuity of supply.

- **COMPETITION**: The Baltic Pipe will enhance the trade and competitiveness of the countries of the region, leading to price convergence between various gas markets, offer new participants the opportunity to enter the market and a potential increase in demand for gas.

- **AVAILABILITY**: Affordability – users of natural gas will benefit from the new source of gas, as the fuel will become more affordable. With new sources of gas supply, price differences in gas markets may change to the advantage of end-users.

- **SUSTAINABLE DEVELOPMENT**: The Baltic Pipe may contribute to the promotion of greater use of natural gas for power and heat generation in Poland, the Central and Eastern Europe and the Baltic Sea region replacing other fossil fuels (e.g. coal). This way, the project may contribute to the reduction of CO₂ emissions.

TIMELINE OF THE BALTIC PIPE PROJECT

- **2017**: Open Season Procedure
- **2018**: Final Investment Decision
- **2019**: Construction Permit
- **2020**: Construction Phase
- **2021**: Ready for Gas Transmission
- **2022**: Operation
An offshore gas pipeline connecting Denmark with Poland enabling two-way gas transmission is a key component of the Baltic Pipe Project. At the present stage of the project, analyses, surveys and design works are carried out in order to obtain the required permits for the construction and operation of the offshore section of the Baltic Pipe. Two principal route alternatives in the Baltic Sea are under consideration across Danish and Polish maritime areas, as well as across German (South Route) or Swedish (North Route 1 or 2) Exclusive Economic Zone (EEZ).

Depending on the variant, the total length of the offshore gas pipeline will range from approx. 250 to approx. 300 km with three landfall options in Poland being currently considered:
- Pogorzelica/Niechorze
- Rogowo
- Gąski

From the selected landfall location, the gas pipeline will connect the first valve station (located outside the beach area) with the existing Polish gas transmission system. All options are treated as equally probable. The final approval of the option will be implemented under the procedure for issuing the decision on environmental conditions following public consultations.
COMMUNITY AND NATURAL ENVIRONMENT

Potential impacts will mainly occur during the construction phase and will be rather temporary and local. The main impacts of the construction process will include seabed disturbance, beach occupation, navigation obstruction and underwater noise.

Once the pipelines have been constructed, certain marine areas may be excluded from some forms of use for safety reasons.

Main potential impacts in the offshore part and the coastal zone

KEY ACTIVITIES MINIMIZING THE IMPACT ON THE ENVIRONMENT:

- properly selected timing of work – e.g. outside high season
- route optimisation – avoidance of underwater structures and places of particular relevance for nature and tourism
- protecting the pipeline against damage, e.g. by burying it in the seabed in particularly sensitive areas
- laying the pipeline using trenchless methods without digging through beaches and dunes (HDD or microtunnelling)
- ship traffic limitations only in the areas of pipe-laying works

Information on potential impacts of the offshore pipeline on the environment and the community, together with possible mitigating measures, will be included in the Environmental Impact Assessment Report. It is a fundamental document in the process of obtaining the environmental decision determining the conditions for project implementation so that it is safe for the environment and the public. The report will be subject to public consultation.

Due to its international nature and its possible impacts outside the territory of Poland, the project will also be subject to cross-border consultations under the Espoo Convention.
The length of the transmission infrastructure to be built as part of the Baltic Pipe Project will range from approx. 230 to approx. 340 km. In addition, 3 gas compressor stations will be upgraded.

Planned projects in Poland include:

- GAS PIPELINE CONNECTING THE BALTIC PIPE WITH THE NATIONAL TRANSMISSION SYSTEM
- GOLENIÓW-LWÓWEK GAS PIPELINE
- GOLENIÓW GAS COMPRESSOR STATION
- GUSTORZYN GAS COMPRESSOR STATION
- ODOLANÓW GAS COMPRESSOR STATION

GAZ–SYSTEM will be the owner of the infrastructure responsible for its design, construction and subsequent operation.

Schematic overview map.
Source: GAZ-SYSTEM
GAS PIPELINE CONNECTING THE BALTIC PIPE WITH THE NATIONAL TRANSMISSION SYSTEM

Depending on the selected route of the offshore gas pipeline and its landfall on the Baltic coast, the following routing options are envisaged possible for the planned gas pipeline connecting the offshore gas pipeline with the National Transmission System:

- Niechorze–Płoty
- Rogowo–Płoty
- Gąski–Koszalin
- Koszalin–Płoty
- Płoty–Goleniów

**DESCRIPTION**

- **location (option):**
  - section of the Niechorze–Płoty gas pipeline: Zachodniopomorskie Voivodeship, Rewal, Karnice, Trzebiatów, Gryfice, Płoty communes
  - section of the Rogowo–Płoty gas pipeline: Zachodniopomorskie Voivodeship, Trzebiatów, Gryfice, Płoty communes
  - section of the Gąski–Koszalin gas pipeline: Zachodniopomorskie Voivodeship, Trzebiatów, Gryfice, Płoty communes
  - section of the Koszalin–Płoty gas pipeline: Zachodniopomorskie Voivodeship, Mielno, Będzin, Biesiekierz communes
  - section of the Płoty–Goleniów gas pipeline: Zachodniopomorskie Voivodeship, Płoty, Nowogard, Osina, Goleniów, Maszewo communes

- **onshore gas pipeline from the first dry weld to the Receiving Terminal – nominal diameter of the gas pipeline DN 900 mm**
- **onshore gas pipeline from the Receiving Terminal to the existing Goleniów Gas Compressor Station – nominal diameter of the gas pipeline DN 1000 mm**

**SCHEDULE**

- **1st quarter 2020 – obtaining the building permit**
- **3rd quarter 2022 – construction completion date**

**ENGINEERING CONTRACTOR**

- Consortium of PGNiG Gazoprojekt S.A. and ILF Consulting Engineers Polska Sp. z o.o.
GOLENIÓW-LWÓWEK GAS PIPELINE

The project will consist in the construction of a new Goleniów–Lwówek gas pipeline along the existing Szczecin–Lwówek gas pipeline.

DESCRIPTION

- Location – the pipeline will be built in three voivodeships: Zachodniopomorskie, Lubuskie and Wielkopolskie, in the communes Goleniów, Maszewo, Stargard Szczeciński, Dolice, Przelewice, Pełczyce, Strzelce Krajeńskie, Zwierzyn, Santok, Deszczno, Skwierzyna, Przytoczna, Pszczew, Międzychód, Lwówek.
- Pipeline length: approx. 188 km
- The pipeline construction will be carried out in two stages:
  - Stage I: section of the Goleniów–Ciecierzyce gas pipeline – approx. 117 km
  - Stage II: section of the Ciecierzyce–Lwówek gas pipeline – approx. 71 km
- Nominal gas pipeline diameter – DN 1000 mm

SCHEDULE

- 1st quarter 2020 – obtaining the building permit
- 3rd quarter 2022 – construction completion date

ENGINEERING CONTRACTOR

- MGGP S.A.
The project will consist in the expansion of the existing Gas Compressor Station in Goleniów, including the expansion of the transmission hub, and in connecting these elements with the existing transmission infrastructure.

**DESCRIPTION**
- **Location** – Zachodniopomorskie Voivodeship, Goleniów commune
- **Capacity of the compressor station after expansion**:
  - 30 MW

**SCHEDULE**
- 3rd quarter 2019 – obtaining the building permit
- 3rd quarter 2022 – construction completion date

**ENGINEERING CONTRACTOR**
- PGNiG GAZOPROJEKT S.A.
GUSTORZYN GAS COMPRESSOR STATION

The investment will consist in the construction of gas compressor station and the expansion of the installation constituting a part of the existing System Point in Gustorzyn.

DESCRIPTION

- location – Kujawsko-Pomorskie Voivodeship, Brześć Kujawski commune
- capacity of the compressor station after expansion: 30 MW

SCHEDULE

- 3rd quarter 2019 – obtaining the building permit
- 3rd quarter 2022 – construction completion

ENGINEERING CONTRACTOR

- PGNiG GAZOPROJEKT S.A.
The investment will consist in the expansion of the existing Gas Compressor Station in Odolanów, the expansion of the Transmission Point in Odolanów and connecting these elements with the existing transmission infrastructure.

**DESCRIPTION**
- **location** – Wielkopolskie Voivodeship, Odolanów commune
- **capacity of the compressor station after expansion:** 65 MW

**SCHEDULE**
- 3rd quarter 2019 – obtaining the building permit
- 3rd quarter 2022 – completion of the investment project

**ENGINEERING CONTRACTOR**
- PGNiG GAZOPROJEKT S.A.
COMMUNITY AND NATURAL ENVIRONMENT

BENEFITS
The communes where transmission pipelines will be built and compressor stations will be expanded will benefit from substantial tax revenues paid each year by GAZ-SYSTEM to the local budgets.

LEGAL BASIS
The project will be implemented pursuant to the provisions of the Act of 24 April 2009 on Investments in Liquefied Natural Gas Regasification Terminal in Świnoujście, Journal of Laws of 4 June 2009, as amended (“Special Act”, Article 38(2)(h)).

PUBLIC CONSULTATIONS
As a company socially responsible and managed in compliance with the principles of sustainable economy, GAZ-SYSTEM implements its investment projects in consideration of the rights of all stakeholders and attaches great importance to the dialogue with local communities at every stage of project implementation process.

SAFETY DURING THE CONSTRUCTION
- Modern and proven technologies
- Best quality materials
- Detailed examination and testing of installed equipment
- Required certificates
- Appropriate qualifications of persons
- Design works in accordance with the requirements of Polish and international law
- Investor- and contractor-independent investor supervision
- Safety systems

SAFETY DURING OPERATION
- Inspections and surveys, including inspections of the aerial gas pipeline route
- Data from the corrosion protection system
- Diagnostic pipeline testing by the means of intelligent pigs
- Checking pipeline condition by unearth ing the pipeline and during other operations that require pipeline unearth ing
- Appropriate qualifications of persons
QUESTIONNAIRE FOR THE BALTIC PIPE PROJECT

GAZ-SYSTEM delivers its investment projects with due respect for the rights of all the stakeholders. Please use the form below to submit any feedback or comments you may have, or to ask questions about the projects which have been granted the status of a Project of Common Interest:

Name and surname …………………………………………………………………………………………………

Organization …………………………………………………………………………………………………………

Address …………………………………………………………………………………………………………………

E-mail ……………………………………………………………………………………………………………………

Phone number …………………………………………………………………………………………………………

Please enter your question below:
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Why do we need personal data?
We collect your personal information because it is necessary to answer the questions you submitted.

Whom do we share the data with?
Personal data will be processed by:
• our employees;
• our subcontractors to the extent their assistance is necessary to answer your question (e.g. regarding the information whether the gas pipeline will cross your property).

We do not forward your personal data to the countries which cannot ensure their adequate protection.

What are your rights?
You have the right to:
• access your personal data, i.e. to obtain information about the type of data collected and the manner and purpose of processing;
• correct your personal data, i.e. update your information should it prove that the data collected is incorrect or no longer valid;
• delete your personal data, i.e. request that all or part of your personal data be deleted. If the request is justified, any such data will be immediately deleted;
• restrict the processing, i.e. request that processing of your data be limited to storage only. Processing of any such data may be resumed once the reasons justifying such processing restriction have ceased to exist;
• revoke your consent to the processing of your personal data;
• receive from us your personal data subject to processing in a structured, commonly used machine-readable format;
• file a complaint against us to the President of the Personal Data Protection Office if you believe that the manner of processing your personal data is in breach of the existing law.

What is the legal basis for processing?
The provision of personal data by the website user is voluntary.
The legal basis for processing your personal data is Article 6(1) (a) of the General Data Protection Regulation (GDPR) of 2016 stipulating that your personal data will be processed based on your consent to such processing granted by submitting the contact form.

How long will we process the data?
Your personal data will be processed for the period that is necessary to maintain contact in order to provide you with response to your query.

Do we make automated decisions including profiling in the meaning of the GDPR?
We do not create any profile of yours based on your personal data. We do not process the data for the purpose of automated decision-making.

Contact details – where to exercise the rights or request more information?
The Data Controller in charge of processing of your personal data is Gas Transmission System Operator GAZ-SYSTEM S.A. with the registered office in Warsaw, in accordance with the terms set out below.

I hereby agree that my personal data provided in this contact form be processed for the purpose of responding to my enquiry by Transmission System Operator Gaz-System S.A. with the registered office in Warsaw, in accordance with the terms set out below.

DESIGN WORKS IN ACCORDANCE WITH THE REQUIREMENTS OF POLISH AND INTERNATIONAL LAW
Comments and questions concerning the Baltic Pipe Project can be sent by the contact form available on the website: www.baltic-pipe.eu or by contacting us using at the following contact details:

**THE BALTIC SEA OFFSHORE PIPELINE:**
e-mail: balticpipe@gaz-system.pl
phone: +48 22 220 13 72

**EXPANSION OF THE POLISH GAS TRANSMISSION SYSTEM**
**GOLENIÓW GAS COMPRESSOR STATION**
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**ODOLANÓW GAS COMPRESSOR STATION**
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**GUSTORZYN GAS COMPRESSOR STATION**
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