

MAIN PROJECT OBJECTIVE:

The existing gas infrastructure on the territory of Bulgaria, which has been in operation for forty years now and has been constructed to transport natural gas in the direction from North to South, to be adapted to the new market requirements and new realities in the context of the infrastructure development plans in the region.

PROJECT FUNDING:

PCI 6.8.2 Rehabilitation, modernization and expansion of the existing gas transmission system – PHASE 2 has been implemented with Bulgartransgaz EAD own funds and the financial support of the EU through the Connecting Europe Facility (CEF) Programme.

Action 6.8.2-0055-BG-S-M-15 (completed)	Co-funding amount: Up to € 850 000
Action 6.8.2-0026-BG-S-M-16 (completed)	Co-funding amount: Up to € 182 000
Action 6.8.2-0034-BG-W-M-18 (completed)	Co-funding amount: Up to €: 27 184 518
TOTAL CO-FUNDING PROVIDED UNDER THE CEF PROGRAMME UNTIL NOW: up to € 28 216 518	

* The implementation of the Phase 1 activities of the project started before the project received the status of a "project of common interest". Phase 1 was completed at the end of June 2018 with the commissioning of the Lozenets-Nedyalsko gas pipeline section. Phase 3 of the project represents future infrastructure related to the IBS project (Interconnector Bulgaria - Serbia).

In this respect Phase 2 represents the key phase on the project realization as a PCI and the above-mentioned Actions for co-funding are related to the implementation of the activities under Phase 2.

GENERAL PROJECT INFORMATION:

PCI 6.8.2 represents a complex, multicomponent, staged project for the modernization, rehabilitation and expansion of the existing gas transmission infrastructure on the territory of Bulgaria, owned and operated by the combined gas operator Bulgartransgaz EAD. It has been implemented in **3 PHASES** and includes the following activities:

- Modernization and rehabilitation of compressor stations;
- Repair and replacement of gas pipeline sections following inspections;
- Expansion and modernization of the existing gas transmission network;
- Inspections to determine and characterize the gas pipelines' condition;
- Implementation of systems for optimization of the management process of the network technical condition.

ADDITIONAL PROJECT INFORMATION:

Project webpage:

<https://www.bulgartransgaz.bg/pages/rehabilitaciya-modernizaciya-i-razshirenje-na-sashtestvuvash-133.html>

PCI TRANSPARENCY PLATFORM

https://cinea.ec.europa.eu/programmes/connecting-europe-facility/energy-infrastructure-connecting-europe-facility/pci-transparency-platform_en

FEEDBACK TEMPLATE:

Comments, questions and recommendations about the project can be sent to the project promoter's e-mail address via a Standard Form which is available at:

<https://www.bulgartransgaz.bg/en/pages/pcis-118.html>



Co-funded by
the European Union

PROJECT OF COMMON INTEREST (PCI)

6.8.2 REHABILITATION, MODERNIZATION AND EXPANSION OF THE EXISTING GAS TRANSMISSION SYSTEM



PCI & CESEC Project

PROJECT PROMOTER:



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PROJECT PHASES: PHASE 1 – COMPLETED

It includes the initial activities undertaken on the project, launched in the period 2013-2015, which Bulgartransgaz EAD implemented, financing them with its own funds and funds from the National Investment Plan.

ACTIVITIES:

- Stage 1 of the modernization of 4 compressor stations by integrating 6 low emission gas turbine compressor units (GTCU);
- Construction of a new gas pipeline CS Lozenets – PF Nedyalsko (~20 km), as part of the envisaged activities under the project for expansion on the gas transmission network.
- In-line inspections.
- Implementation of systems for optimization of the management process of the network technical condition.

PROJECT PHASES: PHASE 2 – COMPLETED

Includes activities undertaken in 2016 which are a natural and logical continuation of the overall project realization following the implementation of PHASE 1. The construction works for Phase 2 have been completed.

ACTIVITIES:

- Stage 2 of the modernization of 3 compressor stations by integrating 4 GTCUs in 3 compressor stations;
- Rehabilitation and replacement of sections part of the Northern semi-ring of the gas transmission network with a total length of 81 km. (including 58 km: PF Beglezh-VA Dermantsi – VA Batultsi – VA Kalugerovo; 23 km: PF Valchi dol – VA Preselka);
- In-line inspections.

PROJECT PHASES: PHASE 3 – TO BE DEVELOPED

Includes infrastructure related to the IBS project (Interconnector Bulgaria – Serbia).

ACTIVITIES:

- Phase 3 to be implemented after a final investment decision for the implementation of Phase 2 of the Bulgaria-Serbia Interconnector project. Phase 3 will increase the capacity of the IBS and is essential to improve security of supply in the region. The infrastructure to be built includes:
- A new gas pipeline Gorni Bogrov – Novi Iskar with an approximate length 19 km, DN 700;
- A new CS Bogrov – 20 MW

The activities under PHASE 2 of PCI 6.8.2 are realized with the financial support of the EU via the Connecting Europe Facility (CEF) Programme.

Legend:

-  Rehabilitation and modernization of compressor stations (Stage 1 and Stage 2)
-  CS Bogrov (IBS)
-  A new gas pipeline Gorni Bogrov – Novi Iskar (IBS)
-  Expansion of the existing network (part of Phase 1)
-  Rehabilitation and replacement of sections of the gas transmission network – 81 km (part of Phase 2)



Benefits of the project:

- Providing the required capacities and ensuring secure and reliable transmission of natural gas;
- Improving the efficiency, reliability and flexibility of the transmission system;
- Ensuring the technical possibilities for transmission of additional natural gas quantities through the territory of the country entering from existing and new entry/exit points;
- Possibilities for guaranteeing different transmission directions depending on market interest.

Disclaimer: The contents of this publication are the sole responsibility of Bulgartransgaz EAD and do not necessarily reflect the opinion of the European Union.