



Technical Assistance to Connectivity in the Western Balkans EuropeAid/13785/IH/SER/MULTI

BOSNIA & HERZEGOVINA

Preliminary Design and Tender Dossier for the interconnection Pipeline BiH – HR (Zagvozd – Posušje – Novi Travnik with a branch to Mostar)

Partners:

- BH-Gas Ltd
- Ministry of Foreign Trade and Economic Relations
- Federal Ministry of Energy, Mining and Industry
- European Bank for Reconstruction and Development (EBRD)

Budget of Technical Assistance:

- €1 511 000

EU contribution¹:

- As above (100%)

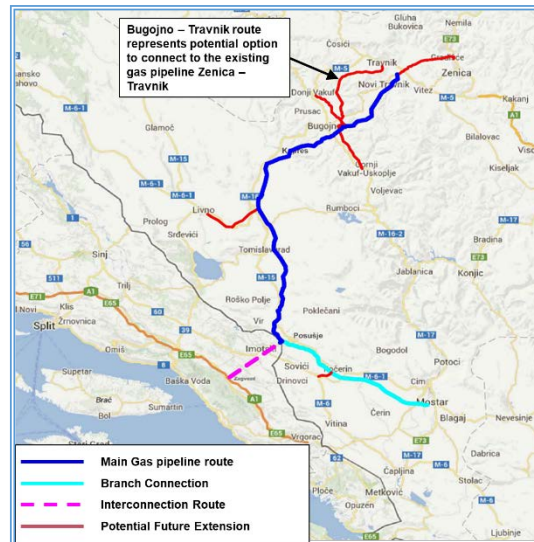
Technical Assistance provided by:

- CONNECTA (Technical Assistance to Connectivity in the Western Balkans)

The Western Balkan partners have made the Connectivity Agenda one of their highest priorities, with special emphasis on the preparation and financing of concrete regional infrastructure investment projects in the transport and energy sectors together with the implementation of respective technical standards and reform measures.

In particular, for the gas sector, the European Commission has provided grants to prepare gas master plans, to support gas power initiatives and to prepare prefeasibility, feasibility studies, cost-benefit analyses and preliminary designs for gas pipelines adding to energy security in the Western Balkans.

This Technical Assistance was part of the European Union's "Connectivity Agenda" in the Western Balkans and concerns closing a gap in the gas transport networks in the Western Balkans.



South Gas Interconnector BiH - HR

The route starts from Zagvozd in Croatia, runs north-east to Imotski and continues towards the border to Bosnia & Herzegovina in the vicinity of Posušje.



Gas Transmission Network in BiH

From Posušje, the main branch runs to Mostar.

From Posušje, the route runs up to Tomislavgrad and further to the branch point at Šuica, where the branch towards Livno is anticipated.

The main route continues towards Kupres and descends to Bugojno where the branch towards Gornji Vakuf is expected to be.

The main route then runs to Vilesi, where there is a branch towards Travnik. The route then ascends towards the measuring and regulating station at Novi Travnik with a connection to the existing gas pipeline and gas supply for the southern and central part of Bosnia & Herzegovina.



Energy

¹ EU contribution concerns only TA services for project development.

Key recommendations - further actions:

- Application for a Location Permit;
- Development of Detailed Design;
- International competitive tender for Works and Supervision;
- Construction works;
- Supervision activities.

Results achieved by the TA
Preliminary Design:

The preliminary design included the following phases:

- Geodetic and Geotechnical and hydrogeological investigations;
- Study of land acquisition;
- Waste management plan;
- Mechanical and Civil Design;
- Electrical Power Supply and Instrumentation and Control Design;
- Cathodic Protection and Optical Cable laying Design;
- Study for Safety at Work and Preliminary Design for Fire Protection;
- Design of Pipeline Facilities such as Custody Handover Station, Pig Receiving and Launching Stations, Metering and Regulation Stations, Block Station, etc.; and
- Procurement and Contracting Strategy.



Tender Dossier:

The tender dossier was developed based on the EBRD's Standard Tender Documents available on the EBRD Client e-Procurement Platform (ECEPP)

The tender dossier included:

- Technical Specifications and Bill of Quantities for equipment, materials and works as well as priced Bill of Quantities;
- General and Particular Technical Conditions; and
- Tender evaluation and qualification criteria.



Key conclusions:

- The Preliminary Design (developed to the level of detailed design for the pipeline) provided detailed knowledge of the pipeline routing as well as necessary pipeline facilities.
- The Tender Dossier was developed for both Works and Supervision Contracts in full alignment with EBRD Procurement Policies and Rules.

Benefits expected due to
Technical Assistance:

- As a result of the TA the project has moved to the next stage in its cycle and so it is closer to its construction and operation.

Impacts anticipated:

- Improvement of security of supply;
- Improvement of diversity; and
- Improvement of gas market development.