

LNG RV and Omišalj - Zlobin - Rupa (Slovenia) Evacuation Gas Pipelines

Project Financing

WBIF	Grant	WB5-HR-ENE-01	€ 1,000,000
WBIF	Grant	WB5-HR-ENE-02	€ 180,000
Croatian State Budget	Own Contribution		€ 100,000,000
Connecting Europe Facility (EU)	External Grant		€ 101,400,000
LNG Terminal Company Shareholders	Other Sources		€ 32,200,000
Total			€ 234,780,000
Total Grants			€ 1,180,000
Total Loans			€ 0

Project Description

The geographic position of the Republic of Croatia gives good access to the Central Europe Gas Hub (CEGH) based at Baumgarten in Austria that, in turn, provides excellent access to the markets of Central and Western Europe - Austria, Slovenia, Hungary, Slovakia, and Czech Republic - as well as Western Balkan countries - Serbia, Bosnia and Herzegovina, Montenegro, etc. Potential key users of LNG are the countries in the region and their demands have defined the size and design of the terminal. Because of this large potential hinterland the quantities of natural gas, which will be delivered into the gas transmission system through the LNG facility, have been estimated to increase from one billion cubic metres (bcm) to six bcm per year in the first six years of operation.

There are various options for the development of an LNG terminal:

- an LNG regasification vessel; a floating store and regasification unit;
- a floating storage unit and an on-shore regasification LNG unit; or
- a complete LNG terminal with storage and regasification onshore, creating an appropriate 'Migration Concept.'

The LNG terminal is intended to be constructed in three phases. Phase 1 which will cover capacities up to 1 bcm will be either an LNG regasification vessel and a floating storage unit or a complete FSRU (floating, storage and regasification unit). In Phase 2, which would cover capacities up to 4 bcm, the regasification units would be moved onshore and only a floating storage unit will be offshore. In Phase 3, covering capacities up to 6 bcm, the storage unit would be constructed onshore and the LNG terminal would be fully developed.

The WBIF has provided a €1 million EU grant to assist with the preparation of the feasibility study, including the environmental impact assessment, and preliminary designs. The study was completed by the Infrastructure Project Facility 2 in June 2014. In addition to the LNG terminal, the WBIF grant was used to evaluate the gas pipeline connection from the terminal to the Croatian gas network. A conceptual solution and a market study were prepared.

Results and Benefits

- introducing the ecologically sound energy source in the region (replacement for firewood, coal, fuel oil and back-up for renewable energy – wind in the first place)
 - reducing CO2 emissions in the region and facilitating economic development
 - providing the security of supply
 - providing the diversified supply
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- **Countries:** Croatia
 - **Code:** PRJ-HRV-ENE-003
 - **Sector:** Energy
 - **Lead IFI:** EBRD
 - **Status:** Cancelled
 - **Beneficiary:** Plinacro Ltd