

Connecting Europe Facility ENERGY

Member States involved:

Croatia

Implementation schedule

Start date: August 2014

End date: October 2016

Budget:

Estimated total cost of the action:

€9,800,000

Maximum EU contribution:

€4,900,000

Percentage of EU support: 50%

Beneficiary:

LNG Hrvatska d.o.o.

www.lng.hr

Additional information:

European Commission

http://ec.europa.eu/energy/infrastructure/index_en.htm

Innovation and Networks Executive Agency (INEA)

<http://inea.ec.europa.eu>

Agency for the Cooperation of Energy Regulators (ACER)

www.acer.europa.eu

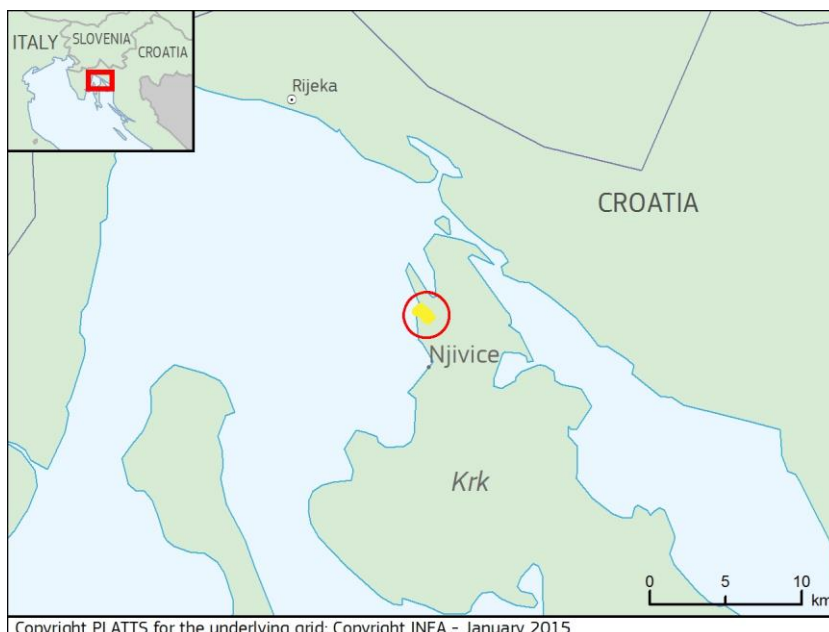
European Network of Transmission System Operators for Gas (ENTSO-G)

www.entsog.eu

Studies for LNG terminal Krk: legal & financial advisory, FEED, main design, tender documentation for EPC, power supply system documentation

6.5.1-0037-HR-S-M-14

Part of Project of Common Interest 6.5.1



This Action is part of a series of preparatory activities for the implementation of the Project of Common Interest (PCI) 6.5.1 LNG regasification vessel in Krk, which addresses the construction of a first onshore LNG (liquefied natural gas) terminal on Krk island in Croatia. The final terminal will have two 180,000 m³ LNG storage tanks and an approximate maximum send-out capacity of 6 bcm/year. It will also be able to anchor special purpose LNG vessels, as well as handle LNG refilling, storing and reloading. The regasification plant will enable re-gasified natural gas to be supplied to the national gas system. The terminal's reloading facility will be able to re-fill LNG to smaller, special purpose LNG vessels and load LNG trucks.

The Action covers business, legal and financial advising throughout all stages of the PCI's preparation and implementation of the Action. It also includes the development of front-end engineering design (FEED) and the main design of the LNG terminal, preparation of power supply system documentation, studies on power supply source, connection to the grid, basic design and environmental impact assessment (EIA) and main design with the construction permit as final deliverable for the power supply system. As a final activity, it will prepare the engineering, procurement and construction (EPC) contract.

The Action is ongoing.

Please note that the present document is for information purposes only. The content and conditions of the grant agreement always prevail over any different information which may be included in this document or elsewhere.

Connecting Europe Facility ENERGY

Member States involved:

Croatia

Implementation schedule

Start date: July 2015

End date: March 2016

Budget:

Estimated total cost of the action:

€1,100,000

Maximum EU contribution:

€550,000

Percentage of EU support: 50%

Beneficiary:

LNG Hrvatska d.o.o.

www.lng.hr

Additional information:

European Commission

http://ec.europa.eu/energy/infrastructure/index_en.htm

Innovation and Networks Executive Agency (INEA)

<http://inea.ec.europa.eu>

Agency for the Cooperation of Energy Regulators (ACER)

www.acer.europa.eu

European Network of Transmission System Operators for Gas (ENTSO-G)

www.entsog.eu

Field and laboratory investigations studies and preparation of reports

6.5.1-0026-HR-S-M-15

Part of Project of Common Interest 6.5.1



This Action is part of a series of preparatory activities for the implementation of the Project of Common Interest (PCI) 6.5.1 LNG regasification vessel in Krk, which addresses the construction of a first onshore LNG (liquefied natural gas) terminal on Krk island in Croatia. The final terminal will have two 180,000 m³ LNG storage tanks and an approximate maximum send-out capacity of 6 bcm/year.

The Action consists of a set of studies covering both onshore and offshore areas of the LNG terminal. Both onshore and offshore studies will focus on the geological, geotechnical, geophysical, seismological and archaeological aspects, whereas studies on the coastal part of the LNG terminal will in addition include geodetic and hydrographic surveying.

The objective of the Action is to gather and assess data on the composition and the geological structure of the foundation soil for the LNG terminal. It will ensure the completion of the design stage of the project of common interest 6.5.1 and will allow the beneficiary to obtain the construction permit for the LNG terminal.

The Action is ongoing.

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European
Commission

Connecting Europe Facility TRANSPORT

Member States involved:

Croatia, Spain

Implementation schedule

Start date: January 2015

End date: September 2019

Budget:

Estimated total cost of the action:
€1,538,500

Maximum EU contribution:
€1,307,725

Percentage of EU support: 85%

Beneficiaries & implementing bodies:

Fundación Valenciaport

www.fundacion.valenciaport.com

LNG Hrvatska d.o.o.

www.lng.hr

Additional information:

Coordinator's Report on the Horizontal Priority

http://ec.europa.eu/transport/modes/maritime/motorways_sea

European Commission

<http://ec.europa.eu/energy/infrastructure>

Innovation and Networks Executive Agency (INEA)

<http://ec.europa.eu/inea>

Sustainable LNG Operations for Ports and Shipping - Innovative Pilot Actions (GAINN4MOS)

2014-EU-TMC-0700-S



GAINN4MOS is a twinned Action among a number of Member States which contributes to the implementation of the LNG bunkering project in the Atlantic and the Mediterranean by:

- Providing the core ports of Koper, La Spezia, Venezia, Fos-Marseille and Nantes-Saint Nazaire with initial pilot infrastructures (in the first 3 cases) and fully operational LNG bunkering stations (in the last 2 cases) required to comply with Directive 2014/94/EU on the deployment of alternative fuels infrastructure.
- Providing tested technologies that can be used to retrofit and/or build a large percentage of the short-sea fleet deployed in the EU Atlantic and Mediterranean.
- Proving that bunkering barges, tugboats, general cargo and pax or ro-pax types of vessels can be successfully retrofitted for them to use LNG as marine fuel and that financial feasibility analyses for their operating companies after the indicators obtained in real life pilots are taken into account confirm the convenience of this choice to external sea carriers.
- Paving the way for the implementation of LNG as fuel for ship and port machinery.
- Increasing the competitiveness of port services and shipping by reducing their fuel operational costs.
- Strengthening new EU niche markets associated to LNG.
- Providing involved Member States with the practical and operational background, experience and results necessary to deal with the challenges posed by the Sulphur Directive and by the Alternative Fuel Infrastructures Directive.

This part of GAINN4MOS Action concerns the engineering study of the future LNG pilot bunkering station in Rijeka (Croatia), financed by the Cohesion Fund.