

# **ADRION annual forum**

Catania, 23 May 2018

## Key project information

**Priority Axis: 3 Connected Region**

**Project acronym: SUPER-LNG**

**project name: Sustainability PERformance of LNG-based maritime mobility**

**Total project budget: EUR 895.049**

**EU contribution: EUR 760.792**

***(out of which: ERDF EUR 760.792; IPA EUR 0)***

**Project duration: 18 months**

# SUPER-LNG OVERVIEW

- Environmental pressure in port areas is high and Liquefied Natural Gas is proposed as a **low-carbon clean fuel for marine transport in port areas**. LNG ships, ferries and cruising ships are proposed in the Adriatic-Ionian and the Mediterranean area.
- Distribution networks and port infrastructures for the bunkering of LNG-powered ships requires technologies and solutions assuring a **high level of safety** in touristic areas of the Adriatic and Ionian sea. The project aims at providing a **uniform framework to support the implementation of technical systems for the distribution and supply of LNG in port areas**.

## Identified challenges

Sustainable maritime transport and improved intermodal connections to the hinterland, addressing the EUSAIR pillar: **a shared territorial challenge for all the Adriatic and Ionian Regions.**

Support the safe exploitation of LNG, a low-carbon environmentally-friendly fuel alternative to marine and diesel fuels currently used for maritime transport and intermodal freight transportation in port areas, **improving the quality of environment**

## Identified challenges

Sustainable connectivity and a shifting to environmentally-friendly transport is also a premise to **sustainable tourism**, recognized as a common territorial challenge in the Adriatic and Ionian Regions.

**Growth** in value of port assets and of the public and private fleets of ferry boats and touristic ships that operate in the Adriatic and Ionian regions.

# Partners

National Research Centre “DEMOKRITOS”, GR

University of Bologna, IT

Institute Jozef Stefan, SI

Piraeus Port Authority, GR

Partas Port Authority, GR

Southern Adriatic Sea Bari Port Authority, IT

Department National Fire Corps, IT

Sarajevo Economic Region Development Agency, BA

Port of Bar Holding Company, ME

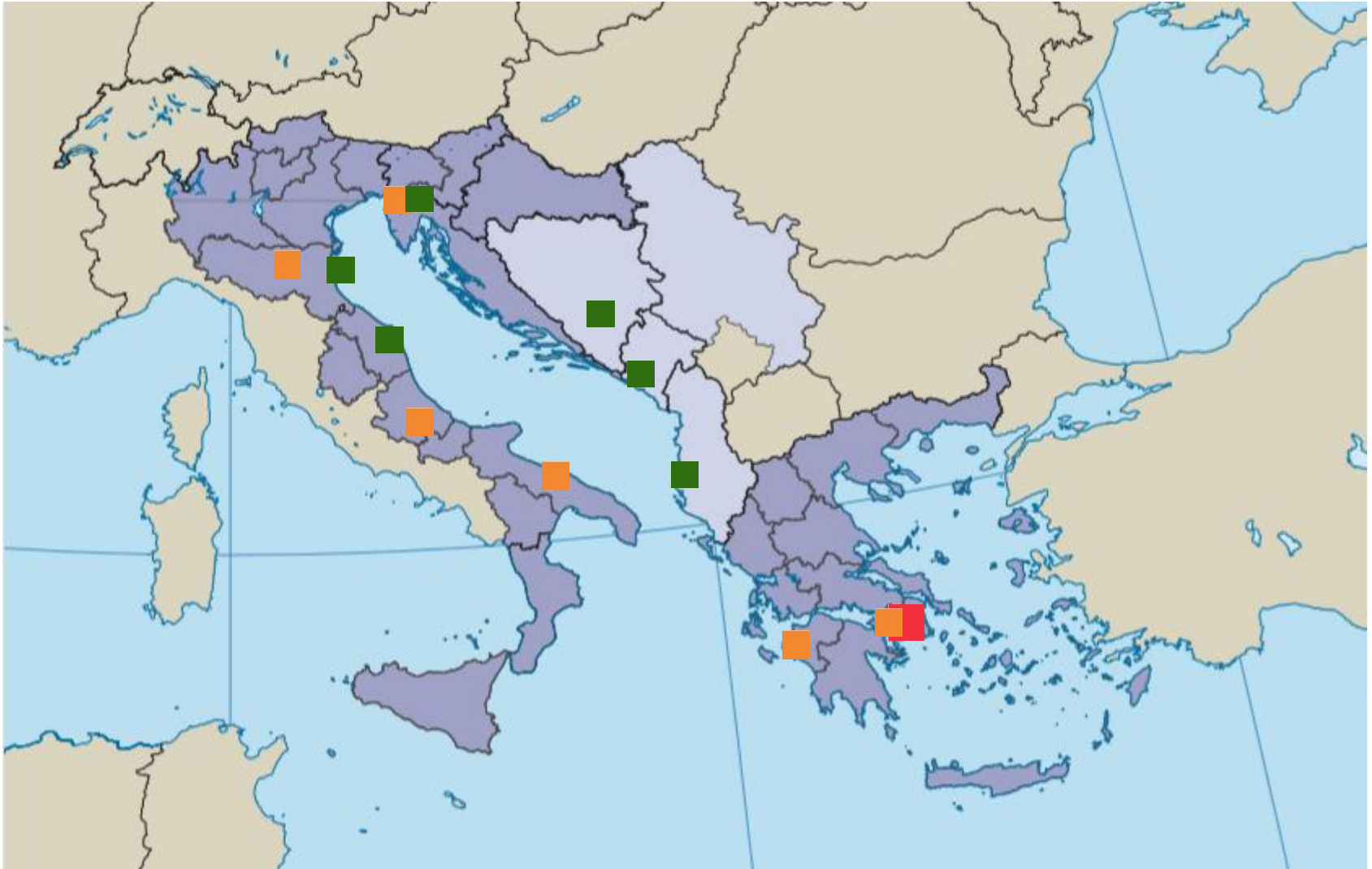
Luka Koper Port, SI

Sea port of Shengjin, AL

Republic of Slovenia, Ministry of Infrastructure, SI

Fondazione Flaminia, IT

# Partners location



# Objectives

- **A strategy for harmonized guidelines for the safety assessment of LNG supply systems** in the Adriatic-Ionian area
- **An action plan** so as to share amongst EU the framework of the technical guidelines and best practices addressing the standardization of the technological solutions proposed for LNG supply
- Creation of a **network establishing permanent educational system** in the area of safety and forming experts for port operators, maritime instructions, public authorities and other stakeholders



# Main Deliverables

- Expert Network establishment in the area of safety, security and training for LNG maritime activities
- Harmonization of technical standards for LNG based propellant in maritime systems
- Guidelines for Safety Reporting and safety reporting evaluation
- Guidelines for Emergency Planning
- Training and educational framework
- Training courses about LNG infrastructure safety operators and managers

**Thank you for your attention**

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