

Interreg



ITALIA-SLOVENIJA



CLEAN BERTH

Progetto standard co-finanziato dal Fondo europeo di sviluppo regionale
Standardni projekt sofinancira Evropski sklad za regionalni razvoj



CROSS-BORDER INSTITUTIONAL COOPERATION FOR PORTS ENVIRONMENTAL SUSTAINABILITY AND ENERGY EFFICIENCY

OBJECTIVES AND ACTIVITIES

The CLEAN BERTH project intends to strengthen the institutional capacity and cross-border governance of the ports of the Programme area with respect to the issues of **environmental sustainability** and **energy efficiency**, thus helping to reduce the impact of their operations on the environment.

Today, the ports of the cross-border area do not have **common tools for environmental and energy planning**, and they adopt mitigation measures in an uncoordinated manner, with uneven results in terms of environmental protection.

The project aims to define a **cross-border model** for environmental sustainability and port energy efficiency, to be implemented in each port through a specific plan, which will result in the implementation of **pilot actions capable of producing tangible results in terms enhanced environmental protection and energy performance**.

Based on what has been learned, for the first time all the ports of the Programme area will sign an **MoU for the application of a common strategy** in this area, valid at cross-border level, thus harmonizing policies in the medium and long term, with a benefit for citizens who live near and in the municipalities where commercial ports are located.

THE PROJECT IN NUMBERS

881.842,06 €
TOTAL BUDGET

749.565,75 €
ERDF

5
PARTNERS

30
MONTHS

6
PORTS

10
PLANS AND PILOT ACTIONS

1
MOU APPLYING A CROSS-BORDER STRATEGY

Today, ports play an essential role in the transport logistics system, constituting an important factor for economic and employment growth. However, it should be noted that while maritime transport is the most sustainable way to transport goods, port operations have an impact on air quality and greenhouse gas emissions. Another aspect to consider is the fragmentation of the supply chain, which can hinder the realisation of the full economic potential of the territories involved. On this point, digitisation can facilitate cooperation between actors in the supply chain, helping to achieve environmental sustainability goals.

CLEAN BERTH contributed to the development of increasingly green ports by analysing the greenhouse gas emission inventories of all ports in the cross-border area, which showed that special attention should be paid to the emission of ships at berth. On the basis of these results, all **CLEAN BERTH** partner ports have for the first time defined a cross-border plan for environmental sustainability and energy efficiency declined in several **pilot actions** specific to each port, but able to produce in their entirety significant results in the green field:

- Port of Trieste - installation of three charging stations for electric vehicles;
- Porto Nogaro - replacement of part of Porto Nogaro's lighting systems with LED technology and purchase of an electric vehicle;
- Port of Venice - purchase of noise pollution monitoring units and installation of equipment to improve energy performance in port areas and infrastructures
- Luka Koper - purchase of two radar instruments for detecting the presence of pollutants in the sea and installation of charging stations for electric vehicles.

The next step was the preparation of a '**Cross-border strategy for enhancing environmental sustainability and port energy efficiency**' to identify the main challenges in the maritime sector and the general and operational guidelines to jointly and synergistically pursue environmental sustainability objectives.

The importance of cross-border cooperation was also emphasised at the **final conference** entitled "Green and Smart Ports in the Adriatic-Ionian Region. The contribution of the European territorial cooperation between Italy, Croatia and Slovenia" organised on 8th June 2022 in Trieste by the Port Network Authority System of the Eastern Adriatic Sea in cooperation with the Friuli Venezia Giulia Region, under the auspices of

European territorial cooperation for green and smart ports: the CLEAN BERTH, PROMARES, SUSPORT and DIGSEA projects

*Green and smart ports in the Adriatic-Ionian Region.
The contribution of the European territorial cooperation between Italy, Croatia and Slovenia.*

Trieste, June 8th 2022



the European Macro-Strategy for the Adriatic-Ionian Region (EUSAIR) and in collaboration with the DIGSEA, PROMARES and SUSPORT projects co-funded by the Interreg Italy-Croatia Programme 2014-2020.

At the end of the meeting the **CLEAN BERTH** project partners signed the "**Joint Protocol for permanent cross-border cooperation on environmental sustainability and port energy efficiency**", aimed at further strengthening the fruitful cooperation established during the project implementation. The main areas of action will be the exchange of best practices, joint training and awareness-raising initiatives and joint participation in co-financed projects to promote cross-border cooperation in the field

of environmental sustainability and energy efficiency. In the coming years, the focus will be on finding new solutions in the field of alternative energy sources for use in port logistics.

CLEAN BERTH ports are currently finalising activities and the project is expected to be completed on 31.08.2022.

The project documents are available at the following link: <https://www.ita-slo.eu/en/clean-berth>

PARTNERS

- Port Network Authority of the Eastern Adriatic Sea - Ports of Trieste and Monfalcone - Lead Partner

Website: <https://www.porto.trieste.it>

- North Adriatic Sea Port System Authority - Ports of Venice and Chioggia Autorità di Sistema Portuale del Mare Adriatico Settentrionale (AdSP MAS)

Website: <https://www.port.venice.it>

In the Italian legal system, the Port Network Authorities are non-economic public bodies, called upon to carry out tasks of guidance, planning, coordination, promotion and control of port operations and other commercial and industrial activities carried out in ports.

The Port Network Authority of the Eastern Adriatic Sea includes the ports of Trieste and Monfalcone, the North Adriatic Sea Port System Authority includes the ports of Venice and Chioggia.

- Consorzio di Sviluppo Economico del Friuli (COSEF)

COSEF is a public economic body whose purpose is to strengthen the economic development of the industrial areas of Udine, Cividale, Northern Friuli (Osoppo, Gemona and Buia) and Aussa-Corno. Since 2019, this public entity has also acquired ownership of the areas of Porto Nogaro, located in the Aussa-Corno industrial area.

Website: <https://www.cosef.fvg.it/>

- Luka Koper d.d.

The Port of Koper, managed by the joint-stock company Luka Koper d.d., is the only commercial port in Slovenia. By administering the maritime and commercial area of the Slovenian coast, it carries out cargo handling services, including transfer and storage for all types of goods transported by sea, and also provides for the development and maintenance of port infrastructures.

Website: <https://www.luka-kp.si/eng/>

- University of Primorska

The Faculty of Studies for Tourism of the University of Primorska deals with research activities in various thematic areas, including IT, the development of modern computer applications, safety and protection of people, logistics, social and transport geography and the interaction between transport systems and geographic information systems.

Website: <https://www.turistica.si/en>

GET IN CONTACT WITH US!



<https://www.ita-slo.eu/clean-berth>

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Autorità di Sistema Portuale
del Mare Adriatico Orientale
Porti di Trieste e Monfalcone



AUTORITÀ DI SISTEMA PORTUALE
DEL MARE ADRIATICO SETTENTRIONALE
PORTI DI VENEZIA E CHIOGGIA

