



OSI Consultation Process

Priority 3. Sustainable maritime and multimodal transport

**ITEM 2 - Brief presentation of the chosen OSI theme, its objective
and types of activities**



Background

The mobility of passengers and goods plays a crucial role in the development and prosperity of the Adriatic region. The maritime transport system in Italy and Croatia is a vital component of the transportation network, connecting various ports and facilitating the movement of people and cargo.

The maritime transport systems of Italy and Croatia are integral components of their respective economies, serving as vital links for trade, tourism, and regional connectivity. Italy's maritime transport infrastructure is well-established and extensive, with major ports such as Trieste, Venice, and Bari playing key roles in facilitating international trade and passenger traffic. These ports serve as important gateways, connecting Italy to global markets and enabling the smooth flow of goods and people.

Croatia's coastal geography, comprising numerous inhabited islands, emphasizes the importance of maritime transport for ensuring the connectivity and well-being of island communities. The country has more than 90 ports with public service obligation (PSO) lines, which are crucial for connecting the islands with the mainland and sustaining their living conditions. These ports provide essential services for the transportation of passengers and goods, supporting the economic activities and tourism industry of the Adriatic region.





Objectives

The project proposals shall contribute to the achievement of all following specific objectives:

1. **To reduce the negative impact on the environment and to increase the resistance to climate changes** of the cross-border transport system including improvements in alternative energy production and energy savings capacities;
2. To develop the cross-border transport by **improving or introducing ICT systems** including also systems that are strengthening the physical and/or cyber security in ports;
3. **To transfer experiences and knowledge** to the wider port community in the entire cross-border region (TEN-T and non-TEN-T ports).





Objective	Type of action - example
<p>1. To reduce the negative impact on the environment and to increase the resistance to climate changes of the cross-border transport system including improvements in alternative energy production and energy savings capacities</p>	<p>Improvement of the energy efficiency and reduction of emission of vessels (including introducing electric, LNG/LPG, hydrogen etc.), fostering alternative energy production or reducing the use of traditional energy in ports (wind, sun, power of sea currents and waves), creation of a comprehensive network of recharging and refueling infrastructure for alternative fuels including cold ironing, deployment of public charging stations for e-vehicles (including bikes, scooters, etc.);</p>





Objective	Type of action - example
<p>1. To reduce the negative impact on the environment and to increase the resistance to climate changes of the cross-border transport system including improvements in alternative energy production and energy savings capacities</p>	<p>Deployment of more efficient lighting systems in ports, deployment of sustainable waste and waste water management concepts, improvement of infrastructure resilience and deployment of measures to contain the impact of extreme weather events, development of tools and activities to reduce the impact of climate change on the infrastructure and functioning of the port</p>





Objective	Type of action - example
<p>2. To develop the cross-border transport by improving or introducing ICT systems including also systems that are strengthening the physical and/or cyber security in ports</p>	<p>Deployment of solutions for enabling multimodal travel planning toward inland or hinterland (including cycling), standardization of services and information for passengers, deployment of solutions for improvement of last mile accessibility of ports, development of digital twin technologies in ports, deployment solutions for enhancing interoperability of maritime and road/railway systems;</p> <p>Deployment of solutions for protection of ports from threats (physical and cyber), improving cooperation in the exchange of data and/or protocols to increase security in ports;</p>



Objective

3. To transfer experiences and knowledge to the wider port community in the entire cross-border region (TEN-T and non-TEN-T ports).

Type of action - example

Transfer experiences and successful practices to the wider port system of the cross-border area (including ports that are not part of the TEN-T network), enable a system of information and education of the wider port system about innovative solutions, ensure institutional support so that the latest solutions are systematically transferred to all participants of the cross-border port system.



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