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Seven key ports engaged in developing and promoting solutions for a sustainable and low-carbon management of their operations

SUPAIR
SUSTAINABLE PORTS
IN THE ADRIATIC-IONIAN REGION

Project co-funded by the European Regional Development Fund and IPA II fund.

Designed by Promoscience

How to reduce greenhouse gas emissions from shipping and on-shore port operations in the Adriatic-Ionian Region

GOAL

SUPAIR project aims at reducing the environmental impacts of shipping and port operations through the establishment of a **Network of ADRION low-carbon ports** engaged in developing soft and hard environment-friendly solutions included in port action plans addressed to developing a **greener, safer and more efficient transport system**.

CHALLENGE

Logistics is a key driver of economic growth. Freight and passenger transport, however, brings about increasing levels of pollution and environmental externalities, which implies the need to switch towards **more sustainable transport dynamics**.

Ports are core nodes of the multimodal chain in the Adriatic-Ionian basin and they can significantly contribute to develop a multimodal transport system focused on environment-friendly solutions. Ports can act as drivers for the deployment of more efficient and greener transport policies, thus contributing to the reduction of transport-related CO2 emissions.



FOCUS GROUP

to gather suggestions and inputs from key stakeholders involved in the definition and implementation of port strategies and activities.



ACTION PLANS IN 7 PORTS

aimed at fostering sustainable, low-carbon mobility services and multimodality.



TRANSNATIONAL COOPERATION NETWORK OF ADRIATIC-IONIAN GREEN PORTS

to further disseminate project approach and results.



A COMMON TRANSNATIONAL METHODOLOGY

for the development of port action plans, including the outcomes of the focus groups.



SHARING & LEARNING

through a mutual learning workshop.

Port of Venice: improvement of land-side port performances through the reduction of truck congestion thanks to the design of a Port Smart Management Tool aimed at improving the efficiency of inbound/outbound gateway points of the whole port area.

Port of Trieste: drawing up an action plan aimed at monitoring and reducing the impact of port activities in the medium and long term. Particular attention will be dedicated to innovative technologies such as onshore power supply.

Port of Koper: focus on efficient use of energy solutions in transport and mobility services and on issues related to noise and water pollution favouring environment friendly, low-carbon solutions.

Port of Bar: green upgrade of current port infrastructure in order to increase environmental performance, reduce costs and improve the overall efficiency of the port.

Port of Durres: focus on the revitalization of green spaces throughout the port territory and the implementation of low carbon transport systems and multimodal connections between ferries and cruise docks with the city centre and the railway station.

Port of Thessaloniki: the action plan will include a truck flow management system, an Energy Management Plan and the design of an IT tool for energy consumption monitoring.

Port of Piraeus: assessment of port activities carbon footprint aimed at defining existing inefficiencies and gaps and identifying appropriate countermeasures. Assessment of energy consumption with the aim of designing an energy management plan which also identifies promising technologies for the improvement of overall energy efficiency within the port.