



Interreg - IPA CBC
Italy - Albania - Montenegro



SMARTPORT

Smart and Sustainable Energy Port

Project Overview

October, 27th 2021
Biblioteca Pietro Acclavio, Taranto



Port Network Authority
of the Ionian Sea

Port of Taranto



ARPA PUGLIA



Porti del Sud



Programme priorities

Axis 1



Strengthening the cross border cooperation and competitiveness of SMEs

Axis 2



Smart Management of natural and cultural heritage for the exploitation of cross border sustainable tourism and territorial attractiveness

Axis 3



Environment protection, risk management and low carbon strategy



Specific Objectives 3.2

Promote innovative practices and tools to reduce carbon emission and to improve energy efficiency

Axis 4



Increasing cross border accessibility, promoting sustainable transport service and facilities and improving public infrastructures

SMARTPORT: General information

Programme Priority Specific Objective: 3.2 Promoting innovative practices and tools to reduce carbon emission and to improve energy efficiency in public sector

Number of partners: 5 (n.3 from Italy, n.1 from Montenegro, n.1 from Albania)

Lead Partner: Port Network Authority of the Ionian Sea – Port of Taranto (PNA)

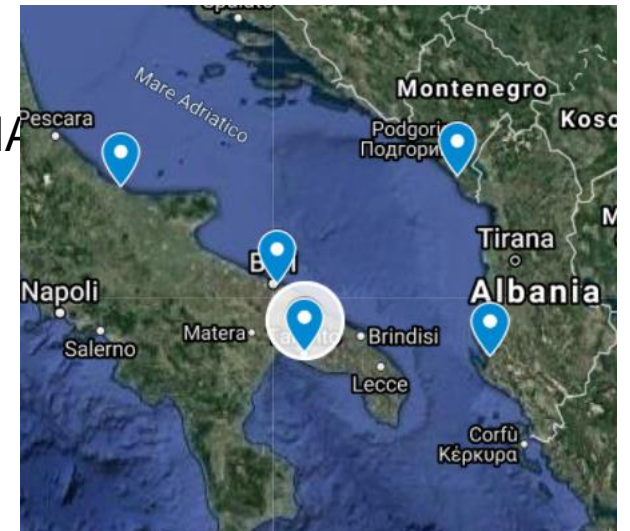
Project Duration: 18 months

Start Date: 01.07.2020

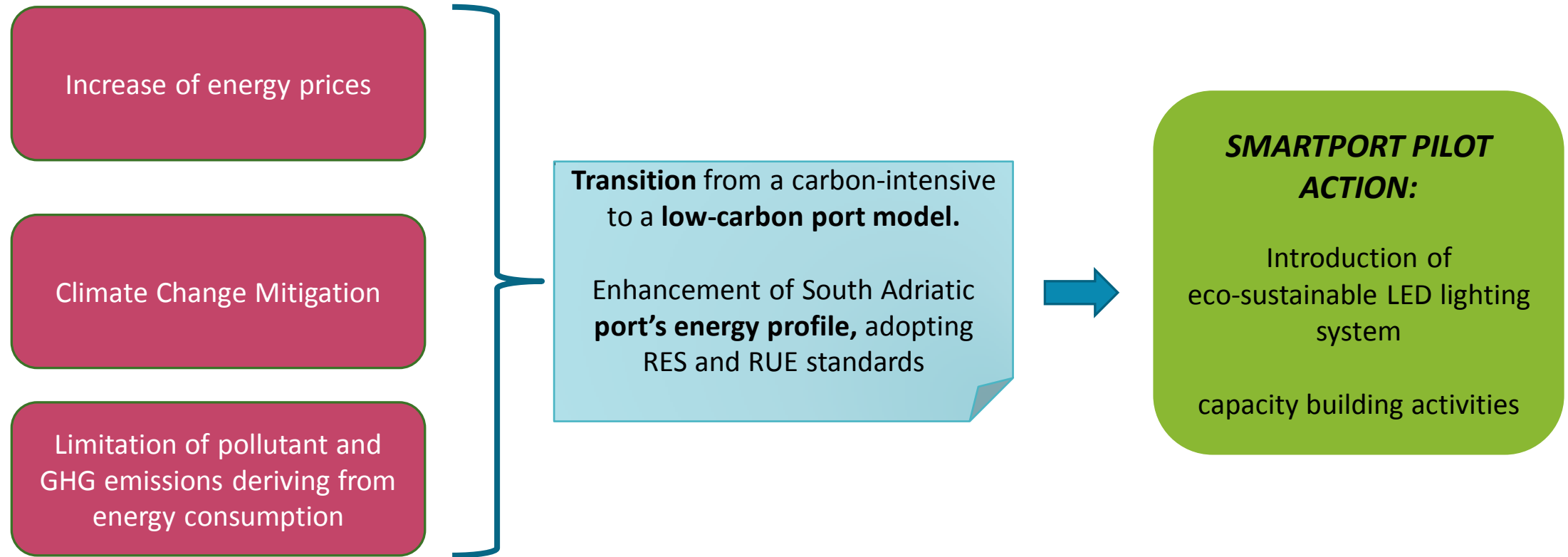
End Date: 31.12.2021

Total Budget: € 722.500,00

Project Number: 437



SMARTPORT: Main Goal



Project Specific Objectives



- ❖ Achieve **energy savings** in SA port areas
- ❖ Promote better **use of energy in the port areas** involved
- ❖ Emphasize the importance of the exploitation of **renewable energy sources (RES)** and the **rational use of energy (RUE)**
- ❖ Reduce of **light pollution**
- ❖ Reach, with the **LEDs** and intelligent poles, the optimum degree of illumination
- ❖ Consume savings of **up to 60%** of the traditional installed power
- ❖ **Train energy managers** (to increase the skills of the Public Administration in reducing energy waste)

Project Results

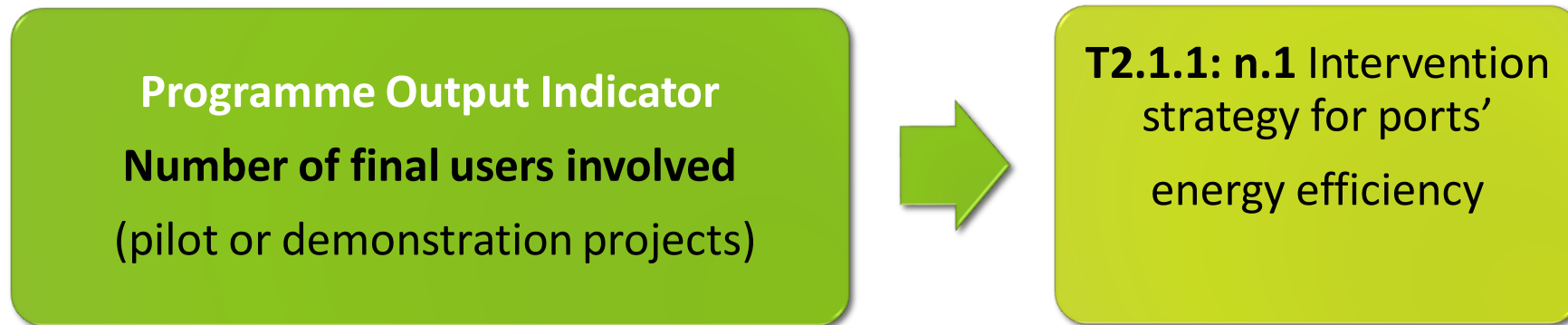


Programme Result Indicator:

Common Plans for energy efficiency and sustainable energy production

- ❖ Improvement of **port area capacity in sustainable energy** planning according to EU standards
- ❖ adoption of **sustainable energy production** programs for public administrations
- ❖ reduction of energy consumption and **CO2 emissions** in the selected port area
- ❖ greater **awareness of the importance of the energy** issues of the PA

Project main output



The main output of the project is a set of steps correlated to deliver a comprehensive overview of RES and RUE opportunities with an aim to achieve **improved energy efficiency in South Adriatic ports**.

It will act as a useful protocol to formulate the existing processes and to focus further actions to minimize energy usage include renewable energy sources, energy saving, energy storage and smart grid technology.

Target groups

Target group	Description	Target value
SME	Eco-innovative SMEs will be manufacturer of equipment: a state-of-the-art eco-sustainable lighting system, with LED modules characterized by an extremely long useful life and exceptionally high efficiency; the LED will be powered by photovoltaic panels, as well as the renewable source of the sun.	4.00
Regional public authority	The regional authorities will benefit because they improve the capacities of the port areas in sustainable energy planning. Greater awareness of the importance of energy issues in the PA; and there will be a reduction in the gap in know-how and an increase in capacity to increase energy efficiency.	4.00
General public	All the citizens of the four neighbouring ports and municipalities will benefit from the project. Energy will be improved in the port areas of the entire macro-region involved: safeguarding the coasts, the environment and marine life, as well as the quality of the air and water in the port areas.	4 000.00