

# ADRIGREEN CROSS-BORDER FORUM

Central Adriatic Ports Authority actions towards  
sustainability

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# The Central Adriatic Ports Authority



**6 ports**

**11,8 millions tons of goods (2019)**

**1,2 million passengers (value 2019)**

**9.016 workers**

**2 regions**

**3 main cities**

**2 Maritime Directions**

**2 Interregional Custom Directions**

**215 km, the length of the coastline**

# The International Port of Ancona

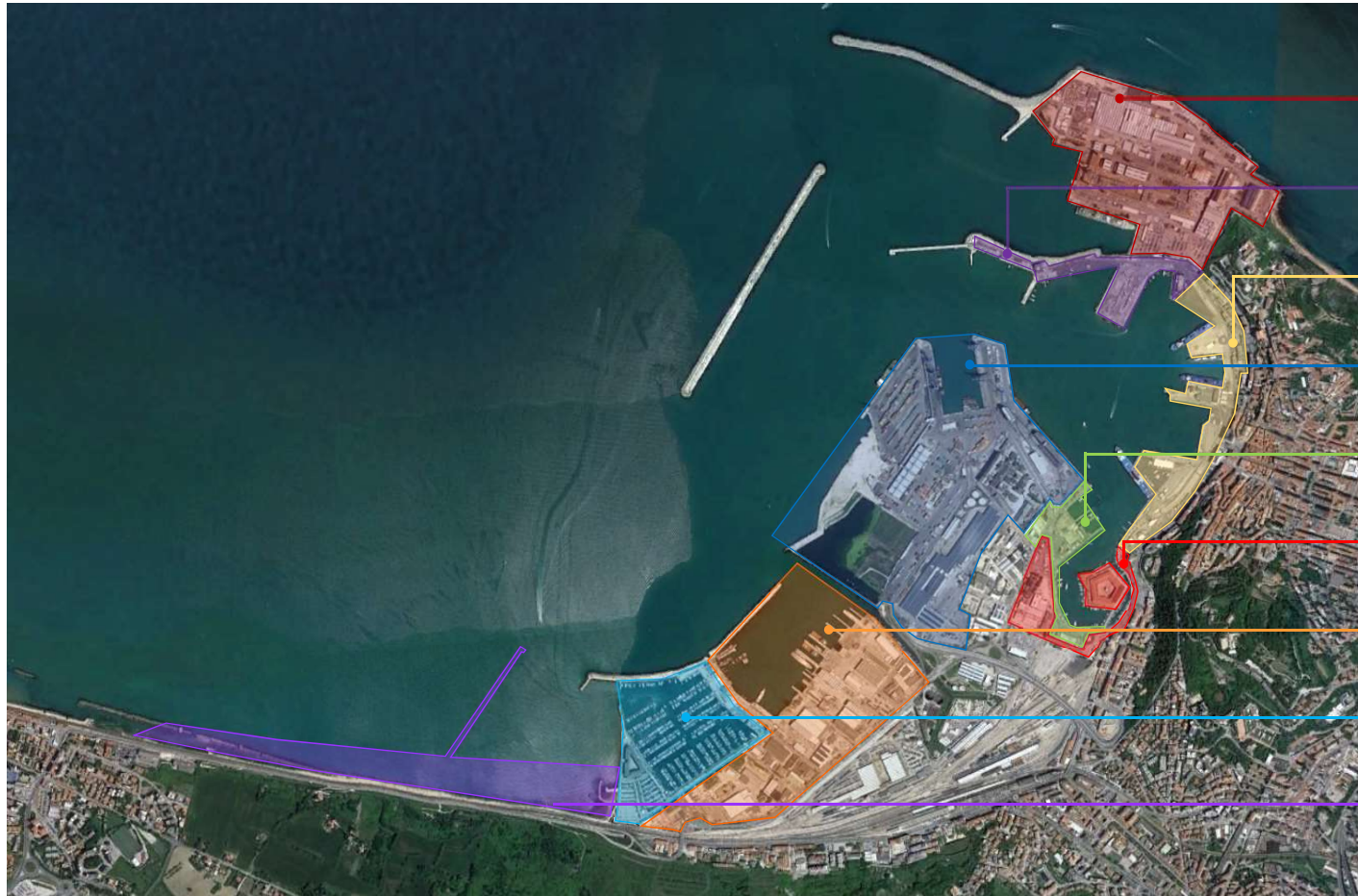
**6.528 people employed in port**

**1.910 ships calling the port of Ancona in 2019**

**1.190. 000 passengers in 2019**

**10.800.000 tons: port throughput 2019**

# The International port of Ancona



**FINCANTIERI SHIPYARD**

**OLD PORT AREA**

**RO-PAX FERRY TERMINAL**

**CARGO AND LOGISTICS FACILITIES**

**FISHING**

**PORT AND CITY AREA**

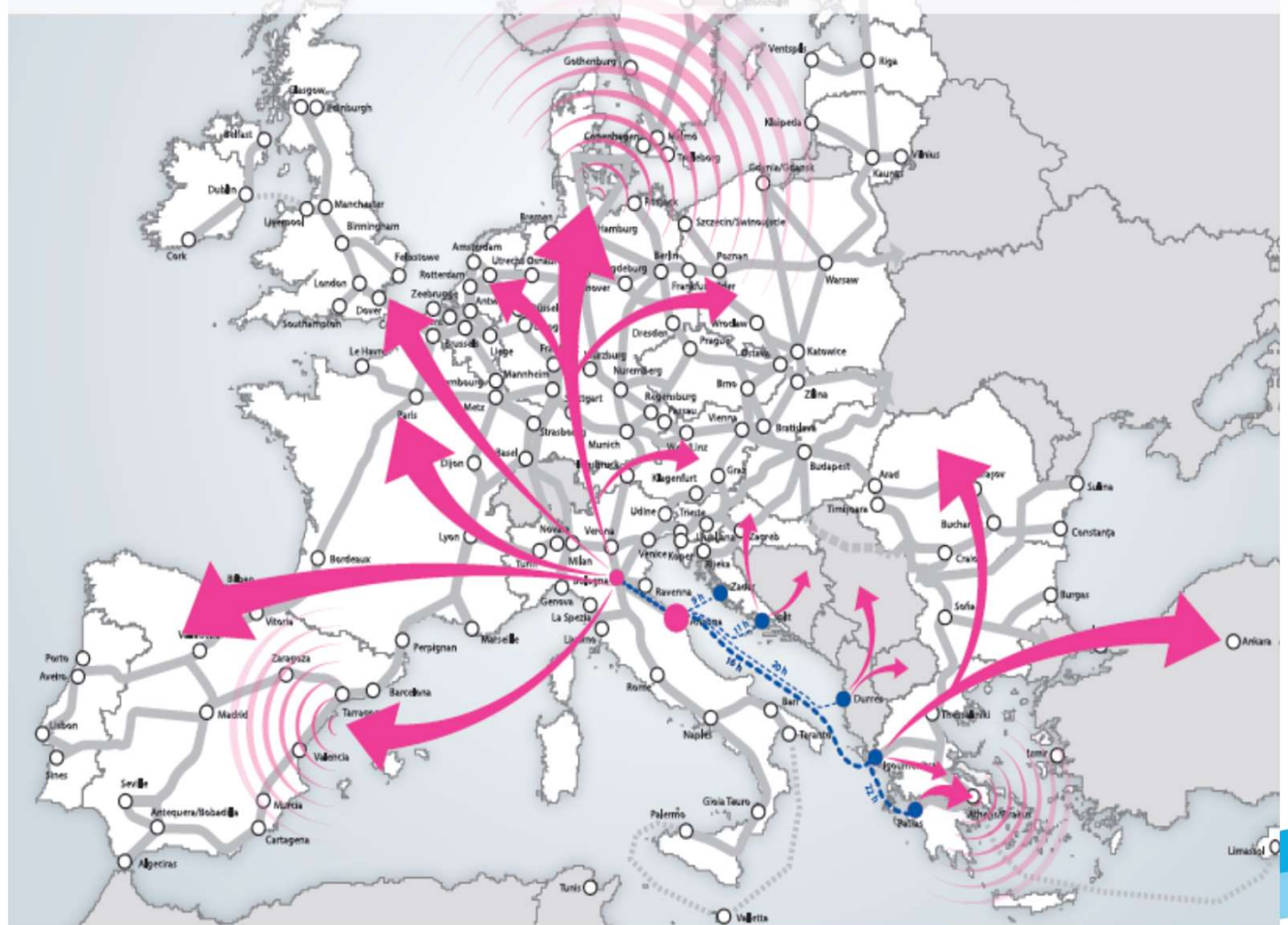
**SHIPYARDS**

**MARINA**

**NEW WATERFRONT**

# The port of Ancona: gateway to the East

Origin and destination of the main freight flows of the RO/PAX traffic in the port of Ancona



European seaport

International ferry  
traffic for freight  
and passengers

# WORKING TO A SUSTAINABLE DEVELOPMENT STRATEGY

## *Endogenous aspects*



### Projects and actions developed locally

*Blue Agreement*

*P.I.A.*

*Environmental regulation*

*Handling of goods and management of vehicle flows*

*Development actions*

## *Exogenous aspects*



### International and national rules:

*Energy policy*

*Taxation*

*Model of economic development*

*Emission rules*

# Sustainability. Getting awareness and measure the issue

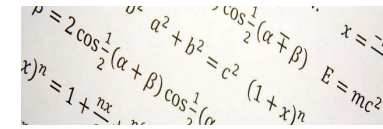


**ANCONA** respira  
Progetto Inquinamento Atmosferico



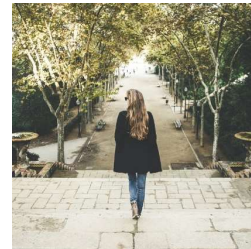
## EMISSIONS (POLLUTION & POLLEN)

- Port focus
- Inventory of emissions of the whole town
- Modelling to anticipate concentrations and support decisions



## GREEN INVENTORY

- Plants and green areas of the town



## HEALTH

- Current situation
- WHO Targets to be reached
- Assessment of the impact on health of the collected data

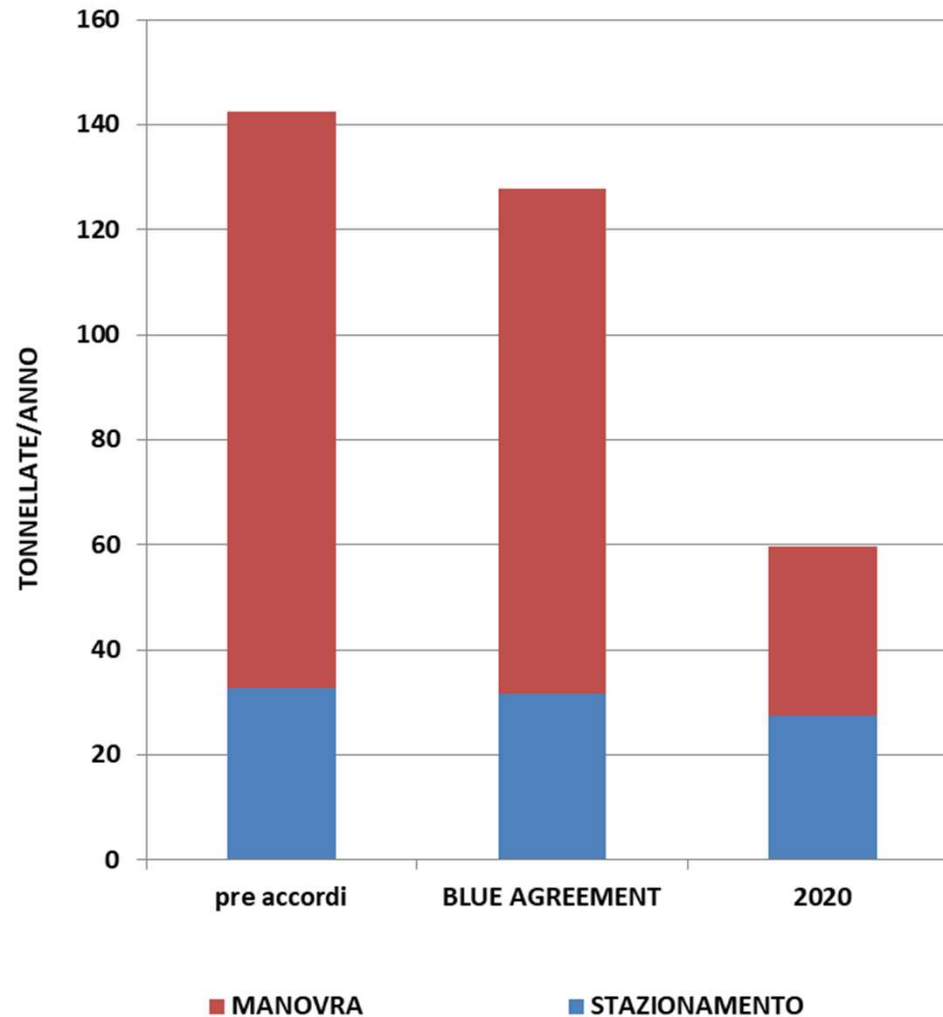




## COMMON RULES ARE THE KEY TO REDUCE EMISSIONS....

### FERRIES SO2 EMISSIONS:

- Pre IMO2020 rules
- Ancona Blue Agreement impact
- Emissions after new rules





# ... WHILE PROCESS INNOVATION CAN SUPPORT THE TRANSITION



## TinS: THE PORT VIRTUAL EXTENSION



The virtual tunnel links Scalo Marotti with the ferry terminal Customs Gate, using AI technology as an innovative solution for the secure transfer of the cargo.

The TinS global project aims at establishing an innovative procedure for customs controls OUTSIDE the port area for vehicles related to ferry traffic. The procedure aims at being opened for all kinds of customs formalities to be performed in port without prior registration of the forwarder, to ensure the flexibility requested by operators and shipping lines.

To that extent the Central Adriatic Ports Authority selected an AI system (A3IU) to:

- 1) control the “virtual tunnel” between the ferry terminals and the Scalo Marotti customs parking;
- 2) Ensure the e-dialogue with the Customs Agency AIDA system and its innovative applications, to give real time information about the ferry (containers) cargo flows in port areas.



# EALING Project, CEF Programme



European flagship Action for cold ironING in ports



Contributing to the further development of a common EU harmonised and interoperable framework for deployment of OPS infrastructure and equipment in the ports with close cooperation between all the stakeholders of the maritime sector;

Leading all the necessary technical, environmental, socio economic and financial studies in order to accelerate the preparation and launch of the works phase on OPS infrastructure;

Implementing OPS infrastructure and equipment in at least 16 EU ports belonging to different EU sea basins.

# WHY OPS STUDY FOR QUAY 17



**Very close to the historical centre of the city of Ancona;**

**Dedicated to the mooring of Offshore Supply Vessels, small ferries and passenger ships**  
(engines on also during night hours, thus impacting both on air and noise pollution of the residential areas and touristic/accommodation facilities located just behind)

Quay 17

# COOPERATE FOR TRANSITION

## THE NEW EU STRATEGY AND THE IMPACT ON THE NATIONAL PROGRAMME



**Communication COM(2019)640 on the European Green Deal,** making the EU the first climate neutral continent by 2050, resulting in a cleaner environment, more affordable energy, smarter transport, new jobs and an overall better quality of life.



- **Cold ironing in the 5 Central Adriatic ports** (funding secured);
- **Infrastructure development;**
- **14 projects proposed under the green ports call of the Italian Ministry of Environment,** mainly on energy transition

# THANK YOU FOR YOUR KIND ATTENTION!

Central Adriatic Ports Authority

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