



Transforming the Port of Piraeus into a next generation port with advanced environmental measures

Dimitris Spyrou

PIRAEUS PORT AUTHORITY S.A.

WEBINAR Decarbonising Small and Medium Ports

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The Port of Piraeus in numbers



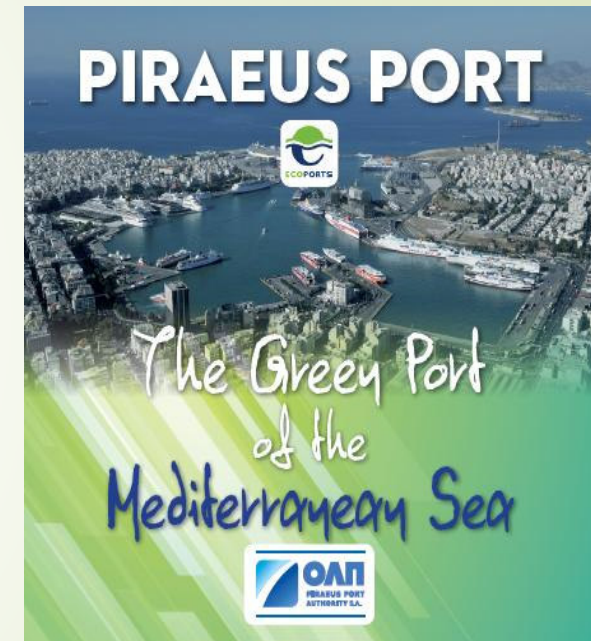
- The strategic position of PPA and its distance from important international ports and road nodes
 - PPA serves nearly 17 million passengers per annum
 - More than 1,0 million cruise passengers,
 - Approximately 0,5 million cars with more than 70% destined for other Mediterranean countries,
 - 5,6 million containers (TEU) per annum at two terminals

PPA – Environmental Strategy



PPA:

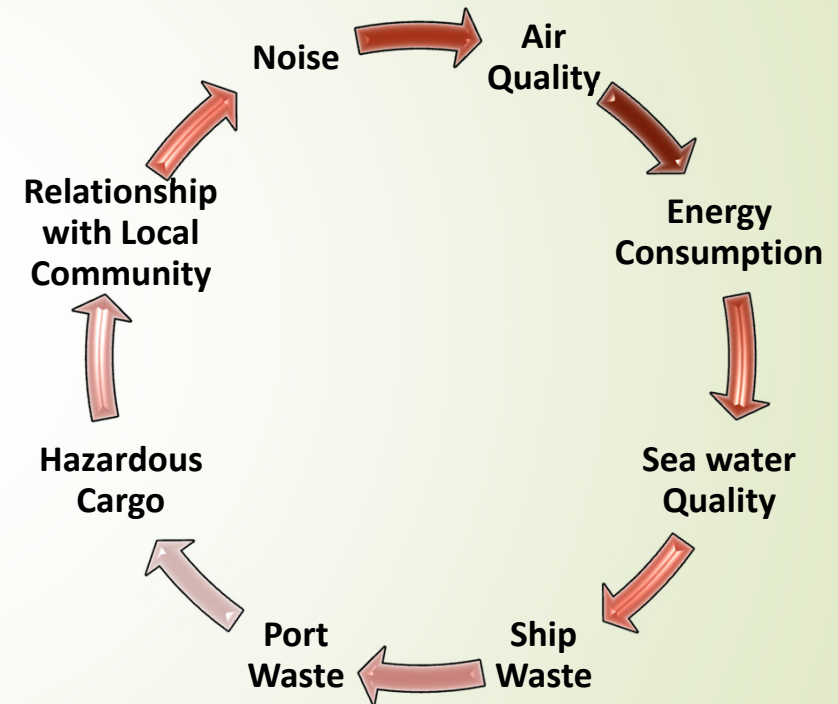
- has elaborated and implements an Environmental Policy, considering the European and National Environmental Legislation.
- provides cost-effective and competitive facilities and services
- implements a well advanced level of organization and environmental management, by means of the following actions:
 - Environmental Management Standard
 - Environmental Quality monitoring programs
 - Ship-generated Waste Management Plan
 - Marine Pollution Preparedness and Response Contingency Plan
- Environmental Standards Systems and Certification Systems (ISO 9001:2015 και ISO 14001:2015, ISO50001:2018, PERS)



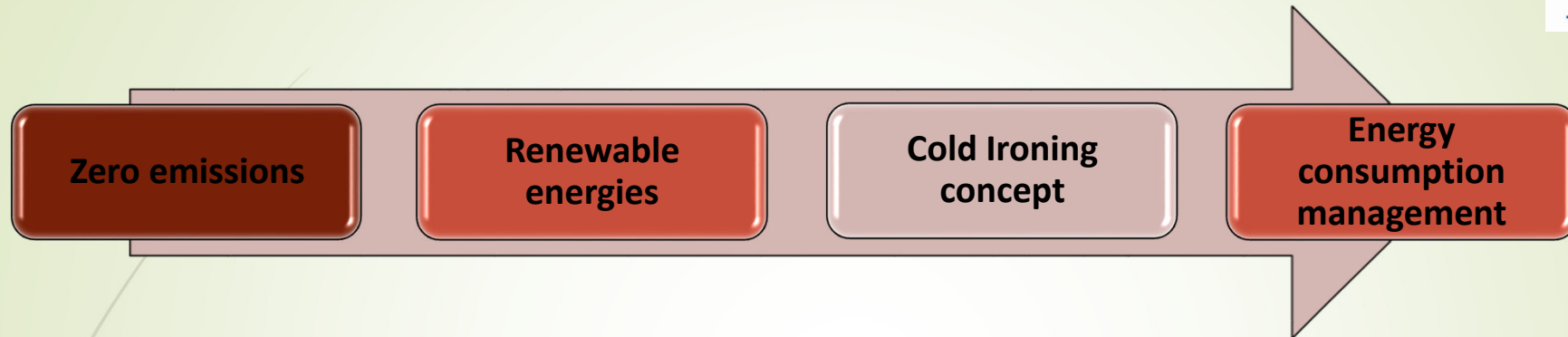
Holistic Approach to Energy Upgrading and Environmental Management

➤ 2019 - Identification and implementation of an Environmental Action Plan for the development of a detailed carbon footprint calculation system and energy management system:

- ✓ (a) to investigate appropriate measures to reduce the carbon footprint through its detailed valuation and evaluation
- ✓ (b) to improve port energy efficiency through energy mapping and energy consumption assessment



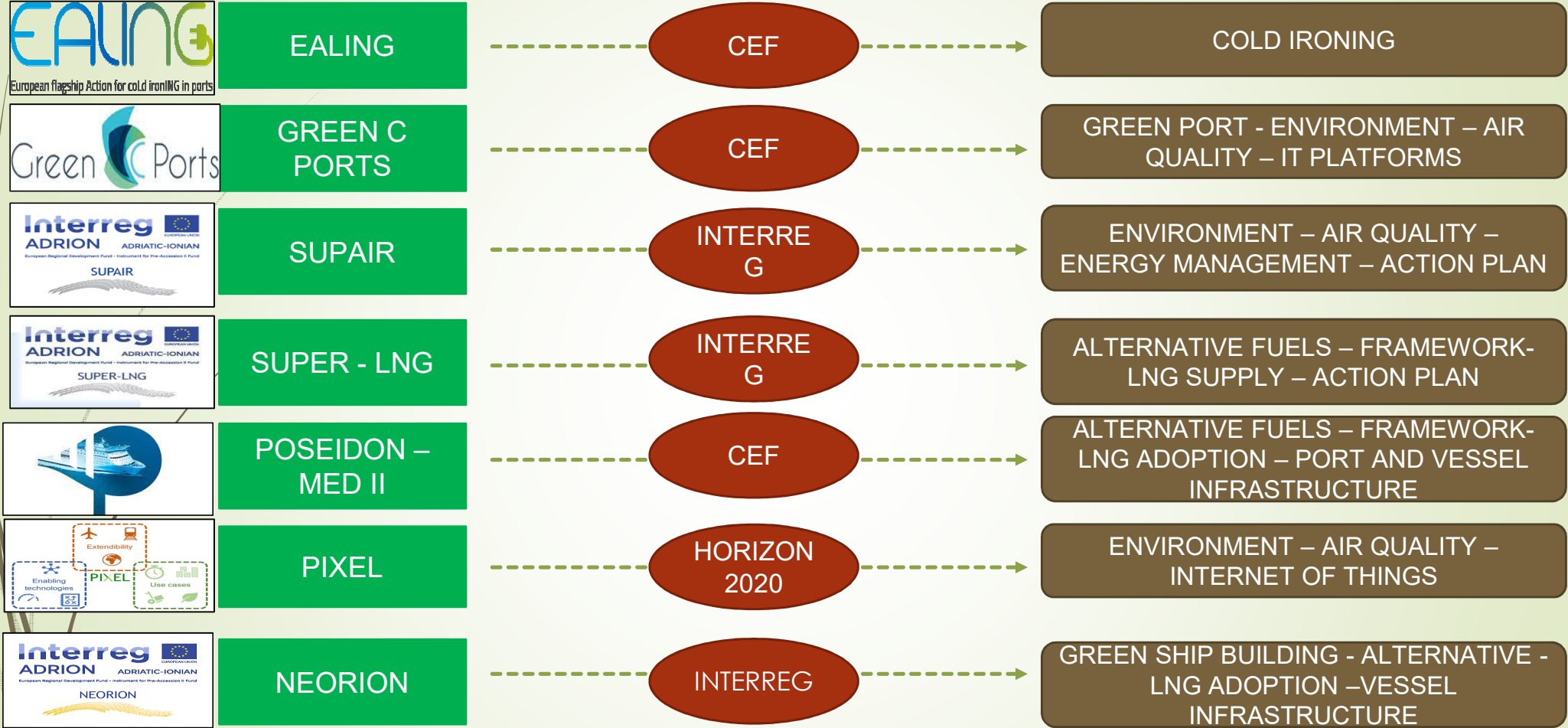
PPA Environmental Management Action Plan



Dynamic position in the development of new technologies and in the definition of environmental strategic planning with objectives:

- ✓ reduction of greenhouse gas emissions
- ✓ improving energy efficiency through mapping and reducing energy consumption
- ✓ increase the share of renewable energy sources in energy consumption
- ✓ introduction of carbon dioxide emission technologies in ports and ships
- ✓ Offshore power supply for ships / cruise ships

PPA “Green Projects”



The vision of Piraeus Green Port

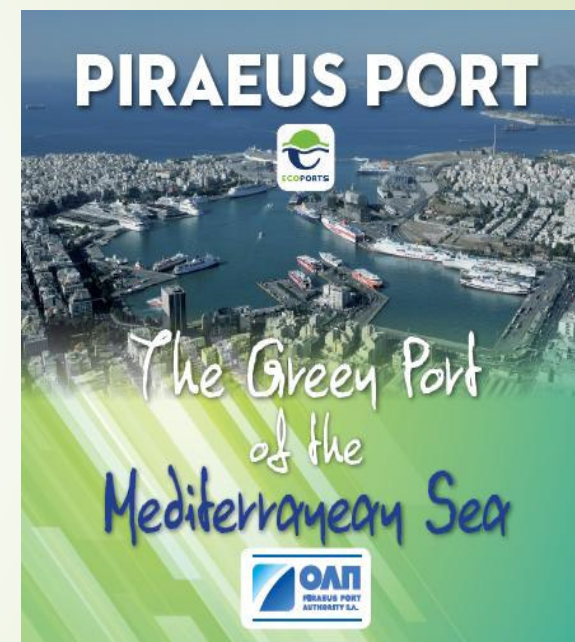


➤ Overall:

- The port's complexity of activities results in the emergence of environmental issues, related to port-area water body, noise and air quality
- Need for provision of cost-effective and competitive facilities and services with small impact on the environment – minimize adverse emissions on the natural (air, land and water) and social environment

➤ Vision for the near future

- A green and innovative port, delivering high quality services to the global value chain, driving economic prosperity, maintaining a healthy environment, and enabling thriving communities, through shared aspirations and collective accountability.”





Thank you!

Dimitrios Spyrou
Piraeus Port Authority S.A.
E-mail: dspyrou@olp.gr

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