



Sustainable development and ESG performance of Piraeus Port Authority S.A.

Piraeus Port map



- Providing value-added services in a sustainable way and playing a leading role in Europe.
- Implementation of flexible procedures to enhance efficiency, more customer-oriented actions in the interest of the port and its customers.
- Implementation of the Piraeus Port Investment Plan and taking advantage of the port's favorable location near the trade routes to and from the Far East.
- Creating economic and social value for our customers, shareholders, society and all other stakeholders.

- ✓ In 2020, PPA was certified according to ISO 50001 standard for the energy management of all its activities.
- ✓ An Energy Management Team has been set up internally, which monitors the company's energy performance and studies options for both energy efficiency and energy saving.
- ✓ PPA monitors closely its energy performance and undertakes energy improvement actions.
- ✓ Within the centre of the company's strategic development is the decarbonization of the company's activities and in parallel to support its clients in their own effort to decarbonize as well.



- ✓ PPA S.A. is an energy producer and has invested in the production of energy from renewable sources.
- ✓ Since 2016, a photovoltaic station has been operating within the Container Terminal area to generate energy from solar panels.
- ✓ The photovoltaic power plant is connected to the Hellenic Electricity Distribution Network and all the energy produced is supplied to the local medium voltage network.
- ✓ The Photovoltaic Station offers significant benefits to society and the energy market and promotes the protection of the natural environment.

Piraeus Port Authority S.A. has participated and is currently involved to a significant number of European Union transnational cooperation projects in the areas of:

- protection of the environment,
- prevention of environmental risks,
- improvement of the accessibility to the port area,
- developments in multimodality and provision of integrated transport services,
- research and technological tools in safety and security

EALING:

In the frame of EALING, PPA SA will implement all studies to prepare and accelerate the effective launch of cold ironing and electric bunkering equipment within port area. Additionally, PPA SA, as a core port of Europe, will contribute into the development of a common EU harmonised framework for deployment of OPS infrastructure and equipment in the ports with close cooperation between all the stakeholders of the maritime sector.

CIPORT:

The Action aims to provide the final studies and engineering designs for the development of on-shore power supply (OPS) technology for four cruise vessels positions at the Themistoklis coast in the core maritime Port of Piraeus.

POSEIDON MED II

Poseidon Med II is a key co-funded European project aiming to take all the necessary steps towards the adoption of LNG as marine fuel in the Eastern Mediterranean Sea, while making Greece an international marine bunkering hub for LNG in South Eastern Europe.

SUPER-LNG

The overall objective of the project is to increase the level of safety, environmental quality and sustainability of LNG maritime transportation in the Adriatic sea.

It aims at providing a uniform framework to support the implementation of technical systems for the distribution and supply of LNG in port areas.

SUPAIR

The project responds to a major challenge, in that it tackles reduction of emissions from shipping and on-shore port operations with an integrated approach, enhancing port authorities' capacity to plan and implement low-carbon and multimodal transport and mobility solutions and further empowering the main political, technical, trade stakeholders and partners in related decision-making.

In the framework of the SUPAIR project (SUPAIR-Sustainable Ports in Adriatic-Ionian Region), PPA SA has developed an Action Plan aiming at its gradual transformation into a sustainable and low carbon footprint port. The main pillars of the Action Plan for PPA SA is the improvement of air quality and the sustainable energy consumption of port activities.

GREEN C-PORTS

The GREEN C PORTS global project aims to provide a suitable array of digitalisation tools and technologies to reduce the impact of port operations on their cities, monitor emissions from ports and vessels and optimize performance of port operations in the TEN-T Core Network.



The PPA was one of the first 35 listed companies part of the Athex ESG index established in August 2021.



ENVIRONMENT

- Apply Taxonomy Principles
- Reduction of greenhouse gas emissions by 15% (compared to 2019)
- Increase in total waste recycling (municipal and recyclable) by 4%



SOCIAL

- Zero fatal accidents
- No recorded corruption incidents
- Increasing our social impact



CORPORATE GOVERNANCE

- SASB Standard Application
- Publication of a detailed annual ESG Report



Our socio-economic footprint for 2021



We paid €17.4 million in social security contributions, and €27.6 million in taxes contributing **0.06%** to the state's tax revenues.



We support **4.279** jobs (direct, indirect and induced) that account for 0.12% of the country's total employment, contributing financially to 11,126 of our fellow citizens.



Container throughput at all 3 piers reached **5.3 million TEU**. Port of Piraeus ranked fifth in the pan-European index. Total throughput of Pier I increased by 13.9% (from 540.591 in 2020 to 615.510 TEUs in 2021).



Our total suppliers amounted to 1,126 and the total of our supply cost to them amounted to **€68.0 million** (increase in procurement expenditure by 10.0% compared to 2020).



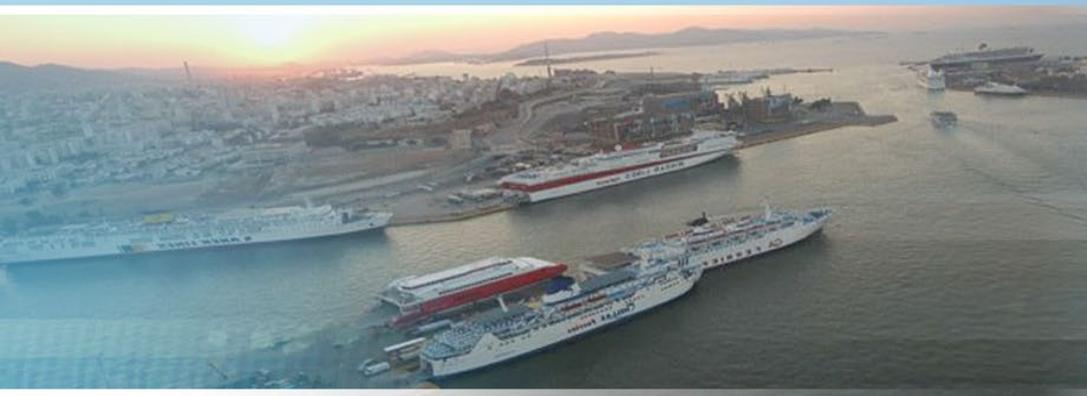
The costs related to Corporate Social Responsibility actions increased by 5.2% in 2021 and reached **€752.520**.



We paid **€36.7 million** (121.6% increase over 2020) for investments for new infrastructure, building improvements and upgrades and the purchase of equipment and machinery.



The economic value added corresponds to **0.76%** of GDP.



Thank you for your attention!