

**Heraklion's Port Authority  
Sustainability Report  
2022 - 2023**

*Executive Summary*



[read the full report here](#)

# Welcome Notes



We invest in sustainable development and we engage responsibly with the local community of Heraklion. Teamed both with the fundamental for the port activity and its continuous successful course, and its employees, with their contribution to the full spectrum of such activity, the Organisation is oriented towards its vision for the local Society, Environment and Economy. Vision as such, reflects values that drive collective and systematic organisational efforts to effectively reach the targeted outcomes, in a sustainable, socially aware, and accountable manner, and more importantly of a Corporate Social Responsibility that supports H.P.A. S.A. when meeting current challenges.



Our newly published Sustainability Report, referring to our activity and performance for the calendar years of 2022 and 2023, fully presents and analyses the data that depict the local development, and the respective benefits both at the local and the national level, and importantly contribute to the well-being of present and future generations.

**Mr. Vardavas Ioannis**  
**President of the Board of Directors**

*“We wish to constantly drive the Organisation through its reform, having as many community members as possible, and in fair wind.”*



The port of Heraklion has not only been renowned as a powerful landmark of great cultural, social, and economic value, a crossroad of cultural exchange of ideas and resources, and an integral part of the supply chain, but also and more importantly as a constantly evolving Organisation. Evolution as such, includes our objective of aligning all efforts in harmony, reference and commitment to the provisions described in the United Nations Agenda 2030, the Green Deal, and the sustainable goals that they entail, namely monitoring our financial, social, and environmental impact but in essence ensuring that all activity is designed, planned, and executed sustainably.

**Mr. Papadakis Minas, Managing Director**



# at the heart of the Meriterranean Sea

# Profile



The port of Heraklion, geographically located at the northern coastal part of the island of Crete and strategically positioned among three convergent continents (Europe, Asia, Africa), holds a comparatively advantageous position and thus has been considered as one of the most important ports in Greece and in the Southeast Mediterranean.

The port is located within the old Venetian port and its invaluable cultural assets (archaeological, historical etc), is inextricably related to the urban structure and landscape of the city of Heraklion, and as such, not only operates as main gateway of people and goods originated from or destined towards Crete, but also plays the role of the narrator of the local story.

Heraklion Port Authority S.A. (H.P.A. S.A.) is a publicly owned company (100% shareholder is the Hellenic Republic Asset Development Fund), superintended by the Ministry of Maritime Affairs and Insular Policy, and managed by an 11-member Board of Directors, in accordance with the provisions set forth in the regulations mandate.

The purpose of Heraklion Port Authority S.A. is the exploitation, management, operation, and utilization of the port of Heraklion and any area within the boundaries of its terrestrial and maritime zones, in a manner that is beneficial for the public, the national and local economy as well as to the users of its services and facilities (Law 2932/01).

**our services** The maritime zone of activity of total length of platform 3,058m and depth of 14.2 m, provides 5 quays for all kinds of port services, such as anchoring, passenger traffic handling, cargo shipping and vehicle traffic management, cultural, touristic, and fishing activities, among others. Furthermore, H.P.A. S.A. is responsible for upgrading, maintaining, improving, and developing the port as well as establishing, organizing, and deploying all port facilities. Research, development and innovation programmes and projects funded by National, European, or other sources, always in accordance with the National Port Policy, implementation, also lie within the Organisation's responsibility.

**our vision** "Our vision is to develop the Organization's sustainability through a realistic and modern development plan that ensures continuous improvement of the quality of the services we offer. We envision a future with an investment-oriented character, customer-centric orientation, innovative solutions and approaches to problem-solving, as well as strengthening the organization's place within the competitive market."

**our mission** "Our mission focuses on the high-quality service provision, the empowerment of our competitive position in the market and the development of networking and cooperation with relevant authorities and organizations, to transform the port of Heraklion to an inextricable link in the maritime and marine chain, while establishing sustainable and up-to-date infrastructure and services offering."

**our values**

- Quality:** The Organisation operates with a focus on innovation, continuous improvement, and dedication to professionalism.
- Reliability:** Dedication to agreements, our partners and the achievement of the goals set by each project we undertake.
- Sustainability:** H.P.A. S.A. is oriented towards sustainable development and navigating the future with the compass set towards responsible decisions, that will lead to long-term prosperity for our organization as well as for the society and the planet.
- Health & Safety at Work:** The performance of the Organisation and its effective operations is reflected in the assurance of a safe work environment – a vital issue with a strong economic but also humanitarian impact.

# Infrastructure

There are 5 quays serving the handling of bulk, dry, and general cargo, shipment containers, as well as passenger traffic generated from ferry shipping and cruises. The total length of the quays amounts to 3,058m, and the depth of the port reaches up to 14.2m.

## Old Port / Marina

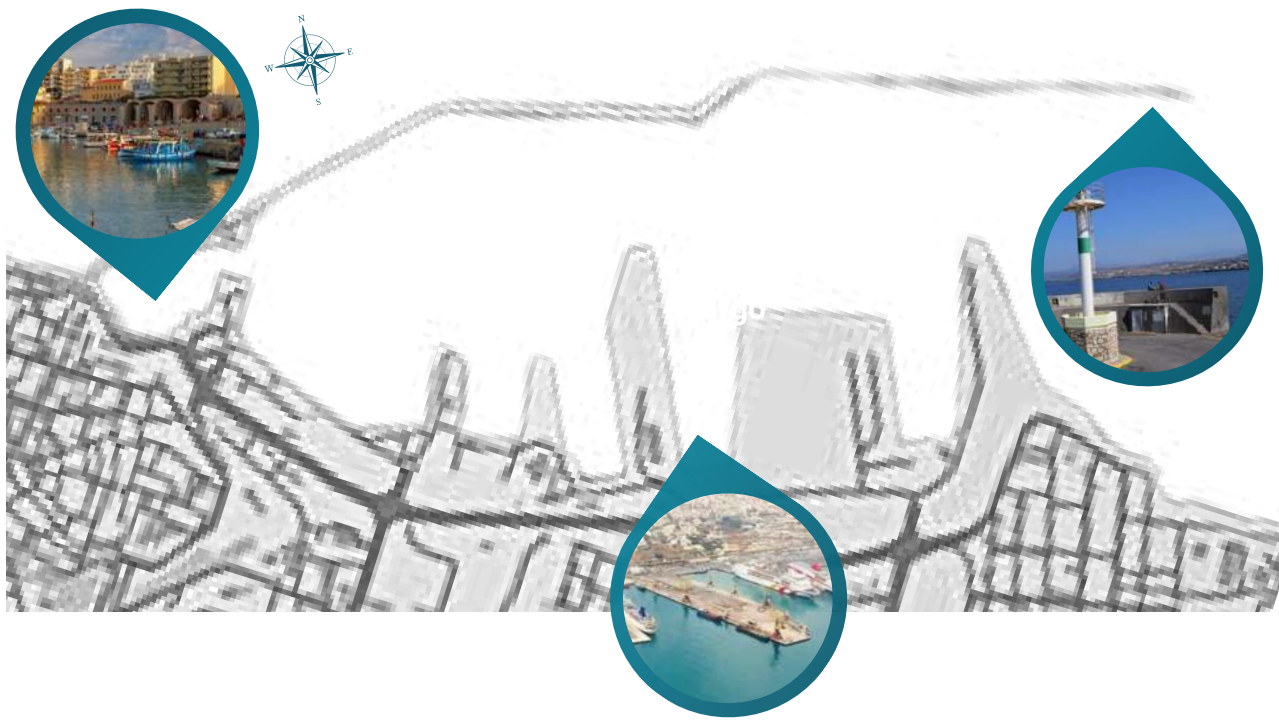
The old port area (Venetian Port) serves as a marina for fishing vessels and small recreational boats. There is also a significant amount of cultural heritage treasures located within the old port premises, such as the Rocca a Mare fortress dating back to the 15th century. Sailing clubs are also hosted at the old port area and support vibrant activity with their participation to international-level sailing competitions.

## Ferry Shipping

The port accommodates daily passenger ship lines to Piraeus and the Dodecanese, while during the summer period there are daily routes to many islands of the Cyclades Islands complex with high-speed passenger and/or vehicle-carrying vessels, additionally available.

## Cruise

The port can safely accommodate up to 5 cruise ships, in accordance with the ISPS Code. The facilities of the passenger terminal at the port can serve more than 10,000 passengers and crew members.



## Cargo

The cargo facilities include both equipment (pumps or pipelines) and staff for handling general or bulk cargo and containers. Open air and covered storage units are available, and a dedicated weighbridge as well.

## Ship building & Repair zone

A small-scale Shipbuilding and Repair Zone operates on Pier VI, where vessels and engines are maintained, and repaired. At the same structure, there is an outdoor boat parking space as well as a slipway for launching and hauling.

## Linoperamata

Moreover, at the Linoperamata coastal zone, that H.P.A. S.A, manages, and deploys as well, the total capacity for cargo containers of 27,000 cubic meters including 22 fuel tanks, via 3 distinctive anchoring where tankers are served and supplied.

## Organisational Structure & Culture



### our Business Ethic

- ★ Culture
- ★ Training
- ★ Commitment

### Transparency

Combating corruption and ensuring transparency in every department of the Organization is an integral part of our culture.

Our human resources are trained in implementing policies and procedures against corruption and are committed to applying the General Personnel Regulation, as defined in the statute of the HPA S.A



# Highlights 2022-2023

## **Naples (Italy), July 20th 2022**

### **Twinning with the port of Naples**

The Twinning of the ports of Heraklion and Naples was officially established and celebrated on July 20th, 2022, at the premises of H.P.A. S.A. The initiative confirms the excellent friendship bonds that bring together the 2 countries.

## **Athens, December 10th, 2022**

### **Diseminating the emblematic project “Electriport”**

The ambitious development project “Electriport- Alternative maritime power in the Port of Heraklion”, was presented at a dedicated event “ELECTRIPORT – Opportunities & Potential at Port Infrastructure and Port-side Cities” organized in Athens Ledra Marriot Hotel. The emblematic project introduces alternative maritime power (cold ironing) when supplying electricity to vessels and promotes the green transition of the port of Heraklion.

## **Heraklion, September 19th-22nd 2022, Developing the International Cruise Market**

H.P.A. S.A organised and hosted the first ever business trip aimed at developing the international cruise market of the port of Heraklion. The four-day event (September 19th-22nd, 2022), was in essence a Familiarisation trip of top-level executives representing international cruise companies, who were invited to become acquainted with new destinations.

## **Heraklion, November 10th, 2023 2nd visit of the Ambassador of the Republic of South Korea, Jung LI Lee,**

The Ambassador of the Republic of South Korea, Jung LI Lee, highly admiring and valuing Cretan History, Diet, Hospitality, and the Minoan Civilization, paid a visit at the premises of H.P.A. S.A., for the second time, wishing to continue upgrading the established collaboration (culture, tourism, economy) and foreseeing a mutually beneficial and multi-faceted interaction and exchange regarding innovation, high-tech, green development, and shipping.



# Awards

**“Green Destinations Top  
100 Stories Competition 2022”**

**Award for developing 3 free circular bus lines -MINIBUS- including 1  
electro powered**

**“Sustainable Port 2023”  
Award**

**“Tourism Awards 2023”  
Double prize**

**Silver award for “Rational energy management & renewable energy  
sources/ Reduction of natural resources consumption/Reduction of  
energy footprint”**

**Bronze award for the H.P.A. S.A. Corporate Social Responsibility  
Report “Our People, Our Society, Our Environment, Our Partners:  
development & improvement lever for the Organisation”**

**“ESG Shipping Awards 2023”**

**Motivation Award**



*“We are constantly focused and oriented towards  
transforming the port of Heraklion into a green,  
smart & zero emissions port”*

# Development Projects

## “ELECTRIPORT - Alternative maritime power in the Port of Heraklion”



**H.P.A. S.A.**, highly sensitive to environmental issues and climate change, pioneers and aspires to become the first port in Greece to implement Cold Ironing technology systematically and comprehensively, along with renewable energy sources, implemented as Lead Partner, the project (<https://electriport.eu/>), funded by the EU under the European Connecting Europe Facility (CEF) mechanism.

Via the project all necessary studies were produced for Cold ironing to become a reality timely and effectively. Apart from the Technical options, studies referred to the economic and financial aspects, delivering the financial dimensions in a complete input – output CBA approach. The project has been contributing to the development of know-how, implementation of environmental policies, reduction of CO2 emissions in the port and the City of Heraklion.

The partnership covers all aspects of ELECTRIPORT, thus scientific, technical, and managerial. The results are being disseminated on local, national and EU level through globally established partnerships and established Project multipliers.

Power outlet  
6,6 kV / 11kV



## “HUPPINES- Heraklion Port Upgrade of Infrastructure, Interconnection and Environmental Sustainability”



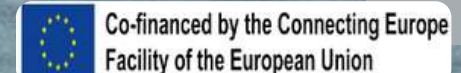
**HUPPINES** project (<https://huppines.eu/>) contributes to the increase of safe maritime access by improving basic port infrastructure, and to the increase of environmental benefits by deploying wave energy generation on the windward breakwater.

The project addresses studies for the upgrade and extension of the existing windward breakwater, and for the installation of a wave energy generation system at the port of Heraklion.

HUPPINES consists of the Detailed Engineering Design Studies for the following activities:

1. Upgrade of the safety level and reinforcement of the windward breakwater's effective strength.
2. Reinforcing the existing armouring of the breakwater, featuring a Tetrapod precast concrete block armour layer with an approximate length of 1,000 m.
3. Construction of new armouring to dissipate wave energy and consequently improve safety during vessel approach.
4. Extension of the port's windward breakwater.
5. Design and planning for the installation of a wave energy power station on the windward breakwater, which shall be constructed at a future stage.

Overall, the project will deliver all the necessary documentation including studies and designs, the Cost-Benefit Analysis, and the tender documents for the subsequent works, which will improve the port's safety and its environmental profile.






HV underground cable  
(distance 1 - 5 km)





## Contribution of H.P.A. S.A. to the 17 Sustainable Development Goals of the United Nations

SDG	GRI	Description of H.P.A. S.A. Activity	SDG	GRI	Description of H.P.A. S.A. Activity
	403	Health & Safety in the Workplace H.P.A. S.A. identifies the importance Health ana Safety at the working environment and thus ensures that all necessary measures and provisions are fully undertaken and respected accordingly.		203	Indirect economic footprint Tracked and monitored through development projects and the impact of our operations to the Local & National economy, significant investments for upgrading port infrastructure.
	404	Employee Training Assurance and promotion of the involvement of all employees in training programmes, for their continuous learning and development.		406	Elimination of discrimination Facilities constantly upgraded according to the Accessibility guidelines. Equal Opportunities policy, to prevent discrimination based on origin, gender, beliefs, age, etc.
	406	Elimination of discrimination Representatives of both genders hold leadership positions at H.P.A. S.A.. The policy of Equal Opportunities includes all employees, preventing any potential discrimination based on gender, origin, beliefs, age etc.		413	Support local communities Continuous support through donations, either monetary or material, to local groups and NGOs.
	303	Access to clean water Frequent chemical and quality controls to the water we provide for sanitary purposes to ships porting.		306	Waste management Diligent participation in the recycling program of the Municipal Authority of Heraklion and collaboration with an accredited private waste management company for the collection of docked ships' generated waste.
	302	Reduction of energy consumption Installation of heat pumps (heating-cooling), energy LED lighting at the Kule Fortress (Rocca a Mare) & ISO 14001:2015 certification.		302	Emissions and energy consumption monitoring Energy consumption monitored and controlled through the development project "ELECTRIPORT – Alternative maritime power in the Port of Heraklion," to reduce CO2 emissions from the docked ships.
	401	Employee Benefits Benefits beyond salary to employees, to ensure equitable living and well-being for them and their families.		NON GRI	Protection of marine water Emergency action plan , in case of leakage of hazardous substances into the marine water & a leakage management plan for the other facilities of the Organization.

## Materiality assessment

The Materiality Analysis was conducted with the participation of internal and external stakeholders with the aim of identifying the material issues of sustainable development and the contents of this Sustainable Development Report for the year 2022 - 2023.

Material Issues are defined as those that reflect the significant economic, environmental, and social impacts of the Company or that substantially influence the assessments and decisions of its stakeholders.

The material issues identified by the stakeholders are presented on the following list.

### List of Material Aspects

- |   |  |
|---|--|
| 1. Health and Safety in the workplace                                 | 13. Maintain Sea water quality         |
| 2. Supplier evaluation  | 14. Safety measures                    |
| 3. Waste management   | 15. Diversity and equal opportunities  |
| 4. Indirect economic impact   | 16. Competition Legislation            |
| 5. Environmental Legislation  | 17. Emissions control                  |
| 6. Employee Benefits  | 18. Profitability                      |
| 7. Investments in infrastructure for the benefit of local communities | 19. Management of Environmental impact |
| 8. Combatting corruption  | 20. Energy consumption                 |
| 9. Investments towards environmental protection                       | 21. Elimination of discrimination      |
| 10. Employee training   | 22. Support local communities          |
| 11. Management of noise pollution                                     | 23. Green procurements practices       |
| 12. Climate Change  | 24. Innovation                         |

Importance to external stakeholders



Importance to internal stakeholders

According to the materiality analysis outcome, the following aspects are highly ranked:

10. Employee training
1. Health and Safety in the workplace
8. Combatting corruption
6. Employee benefits
14. Safety measures
9. Investments towards environmental protection
12. Climate change

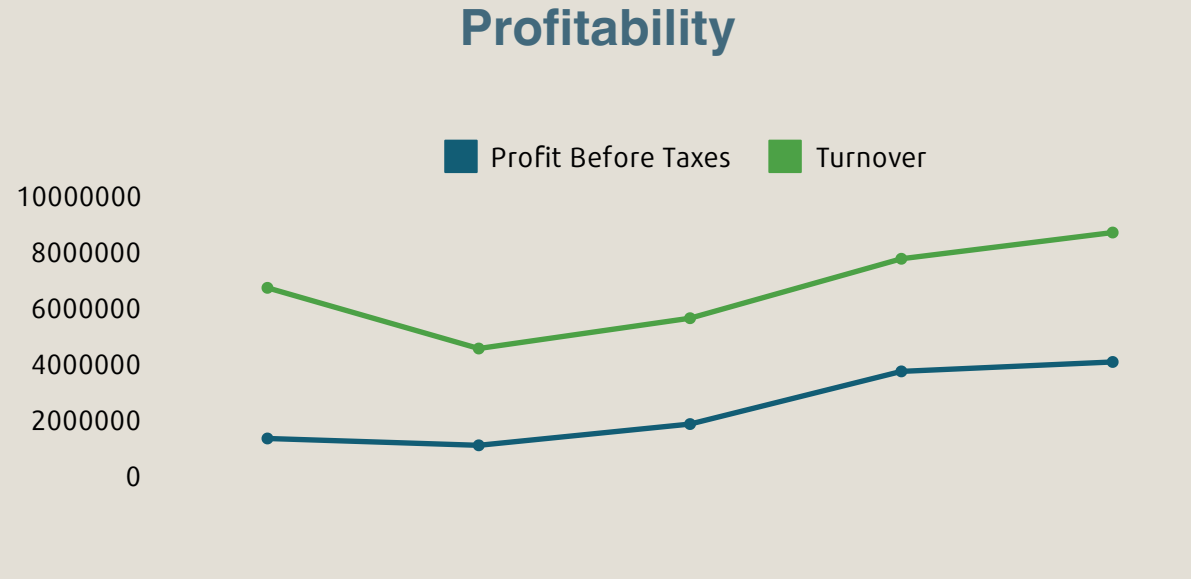
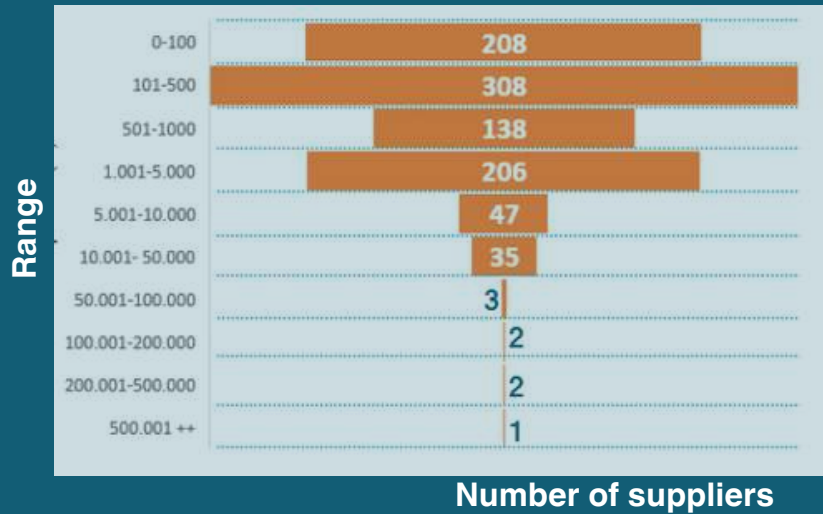
While the top-level management of H.P.A. S.A. highlights as highly important aspects:

- Health and Safety in the workplace
- Employee training
- Maintain Sea water quality
- Profitability
- Management of Environmental Impact

# Heraklion Port in Numbers

**Suppliers**  
 Our procurement regulation defines the Terms and Conditions for the provision and execution of contracts, regarding the supply and delivery of all kinds of goods, materials, equipment, as well as the provision of services.

**549** Domestic Suppliers  
**65** International Suppliers



## Cargo

48.919,92 tn  
 16.809 TEU  
 81.035,49 Dry -Bulk  
 777,98 Liquid - Bulk

## Ferry Shipping

933.930 passengers  
 312.665 vehicles

## Cruises

119.930 passengers  
 118 cruise ships

**2021**

53.308 tn  
 16.080 TEU  
 112.266,51 Dry -Bulk  
 716,59 Liquid - Bulk

1.265.152 passengers  
 355.808 vehicles

304.257 passengers  
 227 cruise ships

**2022**

46.074 tn  
 16.915 TEU  
 115.355,10 Dry -Bulk  
 2.284,91 Liquid - Bulk

1.582.825 passengers  
 369.311 vehicles

382.981 passengers  
 253 cruise ships

**2023**



## Training & Development

Embracing our people talents and investing in the best possible deployment of their dynamics and skills, through continuous learning and development opportunities, acquired via training programmes.

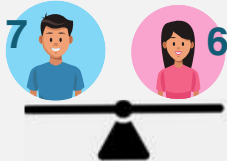
### Training & Development Programmes

	Participant employees		Program duration (hrs.)	Work hours
	♂	♀	🕒	🕒
2021	5	3	990	180
2022	3	1	15	15
2023	15	4	24	21

## Equal Opportunities

We put great emphasis on equal representation of genders at the diverse positions and roles of the Organisation, and to that end, we take all possible measures and steps to eliminating any potential discriminatory behavior among our people, and to providing equal learning and development opportunities.

Balance in Leadership positions



**Unions** H.P.A. S.A. Workers' Union

### Emergency

Employees trained on Health and Safety.

Doctor's office at the H.P.A. S.A. premises.

Alarm Systems Regular Tests and controls of the procedures of emergency.

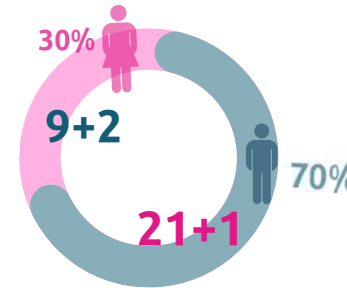
Simulation activity for ensuring hazard readiness levels.

Fire alarm systems and extinguishing equipment.

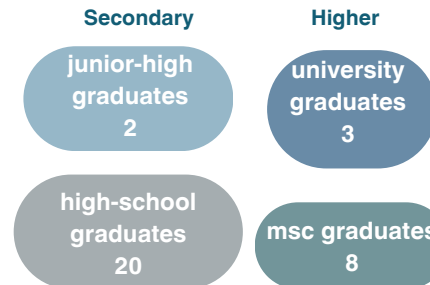
“We value our human resources high, since they are the critical Human Capital of H.P.A. S.A. Thus, we constantly focus on promoting a work environment of best quality, by creating and sustaining positive culture and effective conditions, along with equal development opportunities, envisioning progress and well-being for each employee.”

**30**  
full time employees

**3**  
special consultants



## Education



## Extra Benefits



Costs for childcare centers or subsidies & summer camps



Mobile Communication- devices



Awards related to the achievements of student children



Allowances – Loans



Gifts (ceremonial)



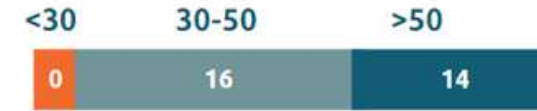
Safety Equipment supplies: Clothing and Personal Protective Equipment, essential for the safe execution of work, within the framework of Health & Safety Regulations



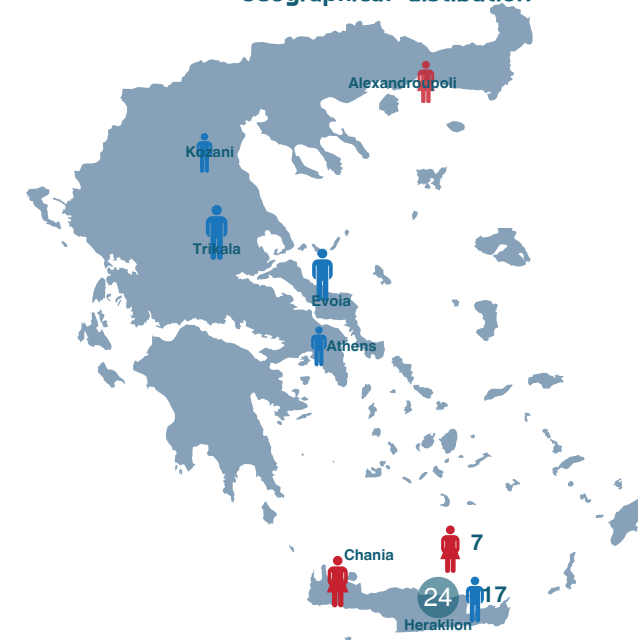
Food (a daily light meal and milk or equivalent, 6 euros per day allowance)

# Our people

### Age Range



### Geographical distribution





# Health & Safety in the Workplace



Health and Safety in the workplace of people in H.P.A. S.A., ranks first in priorities, as confirms the above presented materiality assessment performed for the current Sustainability Report of the Organisation.

Our advocacy for Health and Safety in the workplace lies at the root of our Values and therefore, the Organisation seeks to continuously ensure the work conditions within the spectrum of Health and Safety, by:



Assigning the supervision of the workplace to designated personnel.



Appointing a Health and Safety Executive, who consults with employees on a wide range of employment matters, contributes to the decision-making process regarding improvement measures, identifies risk and hazards, informs, and gets informed about accidents and possible solutions, among others.



**Responsibility for our people**



Employing Health and Safety personnel.



Conducting control- certification of function of mechanical equipment and regular maintenance.



Employing an on-duty Work Doctor and having an ambulance available at the port.



Deploying Emergency Action Plans.

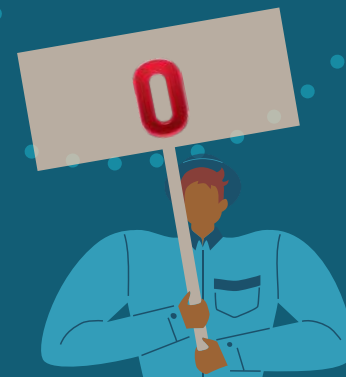
## Extra Leave Days

According to Greek legislation, all our employees benefit from paid days off (22-28 days). Our employees can also use extra leave days for sickness or parental days. Below is the number of employees who claimed extra leave days

	2021	2022	2023	
Sickness	No. Employees	15	3	5
	Days of absence	121	20	64
Parental	No. Employees	8	6	6

## Work Related Accidents 2022-2023

We are proud to report that there were no work related accidents for the reference period





## Investing in local economy



### Kickstart a small Market at the port of Heraklion-2023

“Heraklion Port Local Market”, acts as small marketplace operating at the premises of the port of Heraklion to sell local goods and products to the arriving and departing cruise passengers. The small Market serves as a contact point and point of sales for local products, promoting gastronomy and culinary culture, while strengthening the brand name “Heraklion Flavors”, through which foreign visitors become acquainted with the local products and wish to have them available at their country of origin.



### The northern breakwater of the port was adorned with the iconic mural "The Phaistos Disc." -2023

This artwork serves not only as a masterpiece from the 17th century B.C. for the northern breakwater of Heraklion but also as a constant reminder that its decipherment remains an unsolved mystery, still keeping its script a secret.

Dr. Gareth Owens, a linguist from the Hellenic Mediterranean University, stated that "the Phaistos Disc is the poetic Gospel of the Minoan Civilization," adding that it "is not just text, but Art."



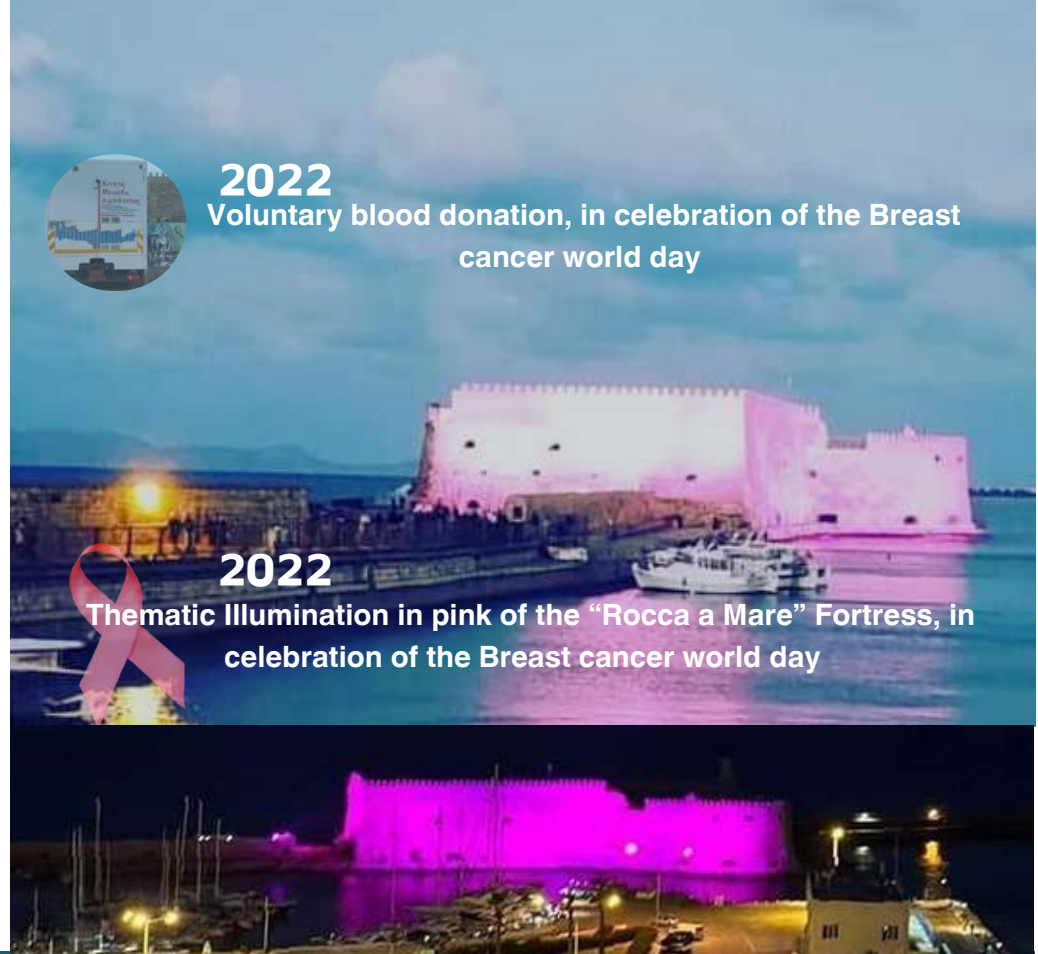
### Donating 11 wheelchairs-2022

at the “Dikaioma sti Zoi” and Pancretan Club for disabled citizens.

## Solidarity- Accommodating immigrants

H.P.A. S.A. stands by the local authorities for managing impacts of the humanitarian crisis and especially the immigration influx that Greece has been meeting. In fact, the Organisation along with the local authorities, namely the Central Port Authority, the Region of Crete, the Red Cross and various voluntary organisations and communities, provides available space to host and accommodate immigrants mostly rescued at the southern part of the island. H.P.A. S.A. made all the necessary adjustments to make the former workers room ready to provide shelter, hygiene, and medical care. All necessary health tests to report the rescued people health status are being performed by specialized health personnel and the members of the “Volunteer Samaritans”.

- **December 2nd, 2023, 79 people rescued** at the Treis Ekklesias area, were hosted by H.P.A. S.A. at the designated room
- **June 14th, 2023, 80 people** (51 male, 17 females, 12 children) rescued at the Kaloi Limenes area, while a pregnant woman was transported to the Health Center in Moires to take any precaution measures before driven to the H.P.A. S.A. premises.



2022

Voluntary blood donation, in celebration of the Breast cancer world day

2022

Thematic Illumination in pink of the “Rocca a Mare” Fortress, in celebration of the Breast cancer world day



Protecting and promoting cultural resources via up-to-day compatible cultural deployments and by designating the role that the emblematic monuments play for the urban space in relation to the sea.

The Venetian Walls and the “Rocca a Mare Fortress” are preserved and integrated in the port of Heraklion, as narrators of its history.



- Thematic Illumination in colour of the “Rocca a Mare” Fortress, in celebration of a designated day, as for instance in pink for the Breast cancer world day.
- Information and creating awareness events regarding cultural and historical content, as for instance “Minoan Crete and the Disc of Phastos” organized in honour of the Minoan Civilisation (October 12, 2023) and with the aim to connect research to life.
- Events and Festivals to promote the local folklore, tradition and culture, as for instance the annual festival “Gastronomy Days”, an ode to local agri-food sector, and the intangible Cultural Heritage and more importantly the Cretan Diet (Mediterranean Diet is inscribed in the UNESCO World Itangible Culture Catalogue).

- Protecting, restoring, and promoting antiquities and monuments, constitutes a level of development within the spectrum of the sustainable achievements of H.P.A. S.A. and to further implement it, a financial contribution is under discussion and decision at the organization level. Such monetary aid will contribute local and national responsible authorities (government, ephorates, research and academic institutions etc.).
- Other annual events and celebrations, such as Christmas fairs to revive local customs.



**“We are fully committed in Protecting and Promoting our rich cultural legacy. Our port constitutes a place where History meets everyday life, a city landmark, and an integral part of our culture.”**



# Environmental Policy Statement

Heraklion Port Authority S.A. (HPA S.A.) provides high quality and efficient port services safely while contributing to the local and national economy with sustainable development as its compass. HPA S.A manages the main link of the supply chain of Crete and the main connection of Crete to the mainland. The port of Heraklion is the main gateway for people and goods to and from the island of Crete and is considered one of the most important ports in Greece and the Mediterranean. It offers additional connection to many island regions of Greece.

Our vision is to align our operation to the principles of sustainable development, and to evolve constantly within the ever-changing International Environment. From the very beginning, we adopted the UN 2030 Agenda for Sustainable Development, acknowledging the importance of our economic, environmental and social footprint.

We apply an Integrated Quality, Environmental & Energy Management System in accordance with the requirements of ISO 9001:2015, ISO 14001:2015

We are committed:

- to meet the needs and expectations of our customers with emphasis on quality and safety,
- to prevent pollution and limit any negative impact to the environment from our activities,
- to reduce emissions related to our activities and offset the carbon footprint from ships docking, by supplying electric power to the ships in the port (cold ironing),
- to integrate RES into the port infrastructure and to achieve energy transition,
- to transition to the circular economy model by continuous evaluation of recycling opportunities, to reuse and minimize the waste generated within our facilities
- to better our environmental and energy footprint, and the systematic monitoring of atmospheric pollutants - seawater quality and noise levels,
- to maintain important infrastructure and to enhance it,
- to preserve and promote the historic heritage of the port for the benefit of residents and visitors of the city of Heraklion,
- to design improved processes, facilities and activities,
- to adapt environmental quality criteria and internationally recognized standards,
- to allocate the necessary resources and information to achieve our quality, environmental and energy objectives,
- to comply with all regulatory and non-regulatory requirements
- to raise awareness among staff and other stakeholders and showcase our environmental performance,
- to enhance the effectiveness of our Quality & Environment Management System.

Our priority is the continuous improvement of the quality of our services, while improving environmental & energy performance. For this reason, we set quality, environmental and energy goals that we constantly monitor and review.

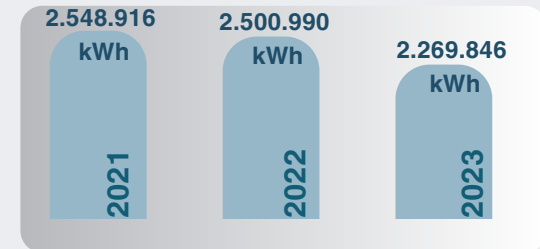
The performance and achievement of our goals are communicated externally to all stakeholders. We issue a sustainability report biannually.

**Nothing in this Policy overrides existing Port Regulations, General Guidelines, regulations or terms and conditions.**



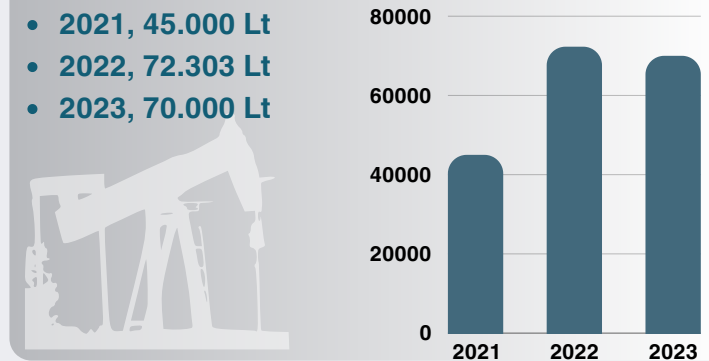
## Electric power savings

2021-2023 -10,9 %



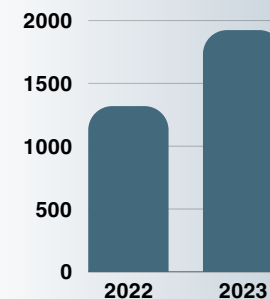
## Petroleum Consumption (machinery/equipment)

- 2021, 45.000 Lt
- 2022, 72.303 Lt
- 2023, 70.000 Lt



## Gasoline Consumption (vehicles)

- 2022, 1.319,90 Lt
- 2023, 1.924 Lt



## Emissions Control

Emission control lies at the top of H.P.A. S.A. priorities. The port of Heraklion is located at the heart of the urban structure of the densely inhabited city of Heraklion. Eliminating impact (gas emissions) resulting from the port activity, is a highly important matter both for the society and the Organisation as well.

H.P.A. S.A. aims at transforming the port of Heraklion to the first Greek port to apply integrated cold ironing services (electric power provision and charging) for any type of ported vessel, as part of the implementation and the results of the ELECTRIPOINT emblematic project (Port Electrification – Alternative Maritime Power, <https://electriport.eu/>). The project also contributes to the improvement of the air quality and to pioneering alternative shipping.

It is estimated that CO2 emissions of the ported ships will be eliminated at **above 80%** until 2028.

H.P.A. S.A. performs regular air quality controls as required.

"All air quality measurements and noise levels were within permissible limits, with no readings exceeding the established thresholds."



## Water Stewardship

H.P.A. S.A. deploys mechanisms that ensure water wasting is eliminated:

- Taps with new technology filters and air infusion system
- Double-flow toilet flushes
- At the water services provided by H.P.A. S.A. to ported vessels, rational water consumption and avoidance is ensured. Water Consumption(m3)

Water Saving 2021-2023: **-71,5%**



<b>2021</b>	282.787	
<b>2022</b>	118.025	<b>58,3% ↓</b>
<b>2023</b>	80.600	<b>31,7% ↓</b>



Sea water quality monitor points

## Marine pollution Management



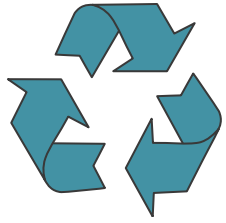
**0 major events (oil spills) in 2022-2023**

### Contingency Plan Drills

We organise frequent readiness exercises for marine pollution scenarios. These exercises aim to test and improve preparedness for all relevant staff and authorities and they take place at Heraklion and at Linoperamata port.







## Waste Management

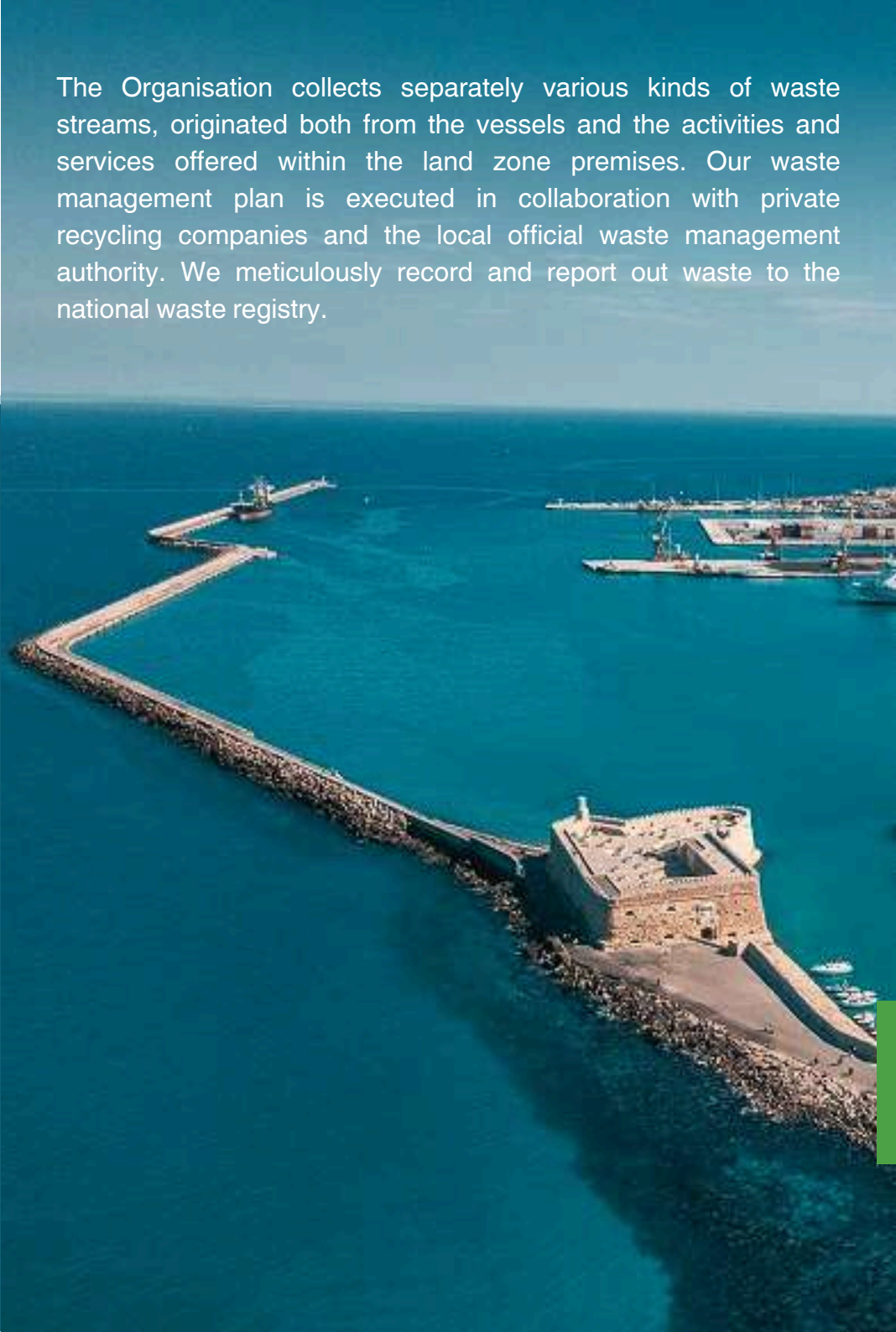
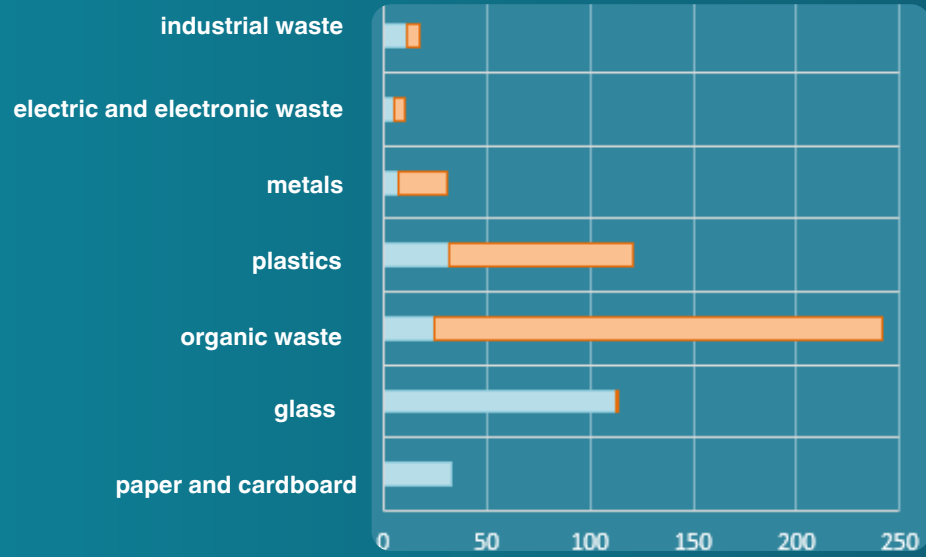
The Organisation collects separately various kinds of waste streams, originated both from the vessels and the activities and services offered within the land zone premises. Our waste management plan is executed in collaboration with private recycling companies and the local official waste management authority. We meticulously record and report out waste to the national waste registry.

"**Prevention** is our primary principle regarding waste production, where feasible. We have minimized paper consumption and use long-lasting LED bulbs. A detailed recording of the categories of waste produced within the Organization's facilities is carried out in the Electronic Waste Registry.

Our performance regarding the separate collection and recycling of major waste categories is presented below."

Waste Report (Tn)

2022	3.170,93
2023	3.734,22





# Corporate Social Responsibility by H.P.A. S.A.

The Corporate Social Responsibility adopted by H.P.A. S.A. is based on policies and responsibilities that orient the Organisation towards sustainability, which in essence illuminate care and contribution to community and environmental matters and projects beyond financial interest. H.P.A. S.A. while being strongly committed to sustainability tools, is constantly in search for entrepreneurial innovation, investment opportunities and multi-dimensional development schemes within the three-fold objective of Society-Environment-Economy. The Sustainability Report of the Organisation is the means for depicting transparency and all policies enacted by the Organisation to provide

tangible proof to its customers and end-users of its services, regarding its sustainable drive. The new Sustainability Report presents both the internal and external aspects, and the strategy of the Organisation for the period from 01/01/2022-31/12/2023.

The content of the Sustainability report is in accordance with the international standards for reporting sustainability (GRI standards-Global Reporting Initiative) and allows organisations irrespective of size, and status of being private or public, to understand and report its activity impact to Society, Environment and Economy, in a reliable and comparative manner.



# Future Goals

## Environment

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- Better recording and control of waste generated in port facilities (expansion of actions for separate sorting at the source, maintaining preprocessing for ships).
- Expansion of the system for recording and monitoring the quality of seawater (maintaining good water quality).
- Improvement of the system for recording greenhouse gas emissions.
- Record and monitor the carbon footprint of the port.
- Further reduction of the port's energy footprint.
- Reduction of the port's carbon footprint (cold ironing - ELECTRIPORT).
- Enhancement of workforce training in good environmental practices.
- Increase and strengthening of emergency plans in port facilities for all types of incidents/accidents regarding the environmental footprint.
- Integration of renewable energy sources into the operation of the port facilities and contribution to Crete's energy transition (offshore wind power).
- Maintain noise levels within limits.



## Society

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- Maintain and enhance donations to organizations and NGOs.
- Maintain and increase collaborations with volunteer groups.
- Promote further social awareness on social issues and intensify the dissemination of information on social and environmental issues.
- Expand benefits for individuals from vulnerable groups and for people with disabilities.
- Protect and promote port's cultural heritage.

## Governance

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### Employees

- Enhance specialized training/educational programs.
- Continue and assure of health and safety for workers and maintain zero workplace accidents.
- Maintain benefits for employees.

### Market

- Increase cooperation with local suppliers where feasible.
- Implement the principle of “green contracts” with suppliers.



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Read our comprehensive  
“2022-2023 Sustainability Report”

at

[www.portheraclion.gr](http://www.portheraclion.gr)

