



NEW EUROPEAN SPACE ERA

Earth – Telecommunications – Navigation
Cooperation Opportunities for Greece & France

MARITIME STRATEGY

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- ✓ HEMEXPO – Hellenic Marine Equipment Manufacturers and Exports – is a leading suppliers and exporters association for the shipping sector, representing Greek maritime technology specialists worldwide since 2014.
- ✓ HEMEXPO brings together Greek companies that manufacture and export a comprehensive range of world class marine equipment and technical services used in the construction, conversion, maintenance and upgrading of ships and other marine structures.
- ✓ Greece is the world’s leading ship owning nation in tonnage terms and HEMEXPO is uniquely positioned to support the supply chain and procurement process from the point of owner specification to shipyard installation and beyond. Established as one of the leading European maritime exporter associations, it offers a unified platform to support the global ambitions of its members and a collaborative link between these specialised companies and owners, class societies and shipyards worldwide.
- ✓ Drawing on its extensive industry knowledge, experience and network of contacts, HEMEXPO ensures that its members are kept up to date with the latest market insights and proactively supports the growth and development of their businesses.

THE LAST 6 YEARS – HIGHLIGHTS

- Marketing Roadmap
- Extroversion
- 19 International Marine Exhibitions & 5 Business Missions (exploring niche markets)
- Co-operation (Signing more than 10 MoUs)



- Turnover Increase almost 50%
- New Jobs (increase 22%)
- New Products
- Reference in 41 Shipyards for Greek Equipment





SPACE TECHNOLOGY TO MARITIME INDUSTRY

Space technologies have been serving the maritime community for over 30 years supporting mostly three areas:

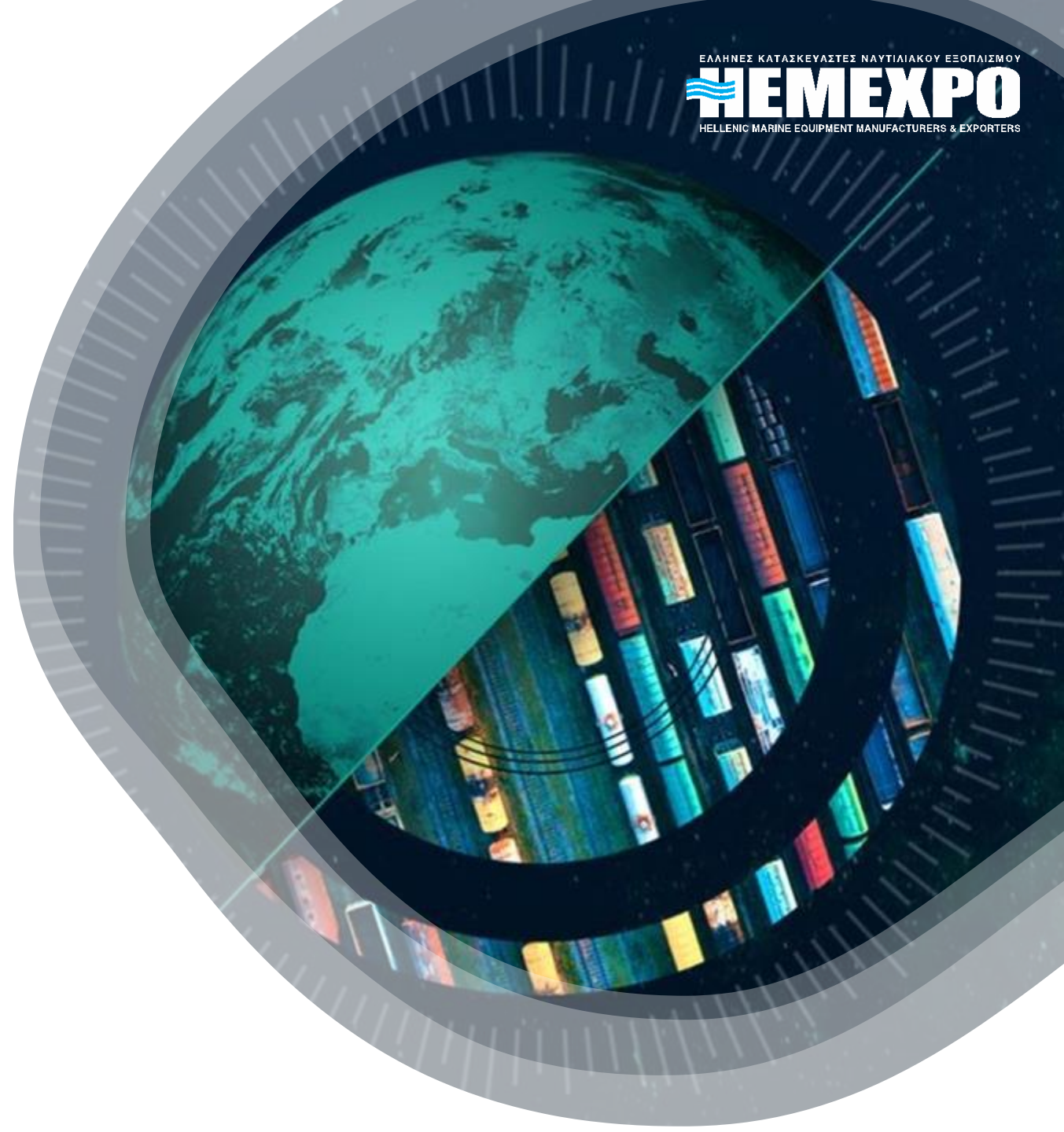
- Monitoring
- Marine Environment protection
- Integrated Vessel Surveillance

Space technology such as robotics, AI, satellite data, new lightweight composite materials, green propulsion solutions, offered new possibilities in ship design and ship building which will benefit the shipping sector worldwide.

SPACE TECHNOLOGY IN MARINE EQUIPMENT

Equipment manufacturers are seeking for solutions by utilizing space technology :

- Connectivity
- Sensors
- New materials
- Advanced digitalization for damage prevention and autonomous operation
- Energy saving devices
- Fuel systems



STRATEGIC PARTNERSHIPS

In 2017, HEMEXPO signed a Memorandum of Understanding and Cooperation with the Hellenic Association of Space Industry (HASI) and Corallia aiming at strengthening the value chain of the mar-tech Cluster:

- Development of new innovative products and services of high added value with international recognition and a high degree of competitiveness
- Enhance extroversion, promotion, training and certification of cluster companies as well as their connection with foreign markets
- Promotion of the Greek shipping and shipbuilding industry as a strategic business partner of shipowners



STRATEGIC PARTNERSHIPS

In May 2020, HEMEXPO signed a Memorandum of Understanding and Cooperation with the Hellenic Association of Space Industry (HASI) and the Hellenic Association of Mobile Applications Companies (SEKEE-HAMAC).

In this new era of shipping, these high innovative Greek associations cooperate in order to develop and propose technological solutions worldwide.

ΕΛΛΗΝΕΣ ΚΑΤΑΣΚΕΥΑΣΤΕΣ ΝΑΥΤΙΛΙΑΚΟΥ ΕΞΟΠΛΙΣΜΟΥ
HEMEXPO
HELLENIC MARINE EQUIPMENT MANUFACTURERS & EXPORTERS

 **ΣΕΚΕΕ**

 **ΕΒΙΔΙΤΕ**



HEMEXPO 2020-2030

HEMEXRO aims to develop technologically advanced products and services based on two main pillars:



Environment Protection

- CO2 emission reduction
- Energy and environmental efficiency
- Reduction of plastic in the sea
- Biofouling



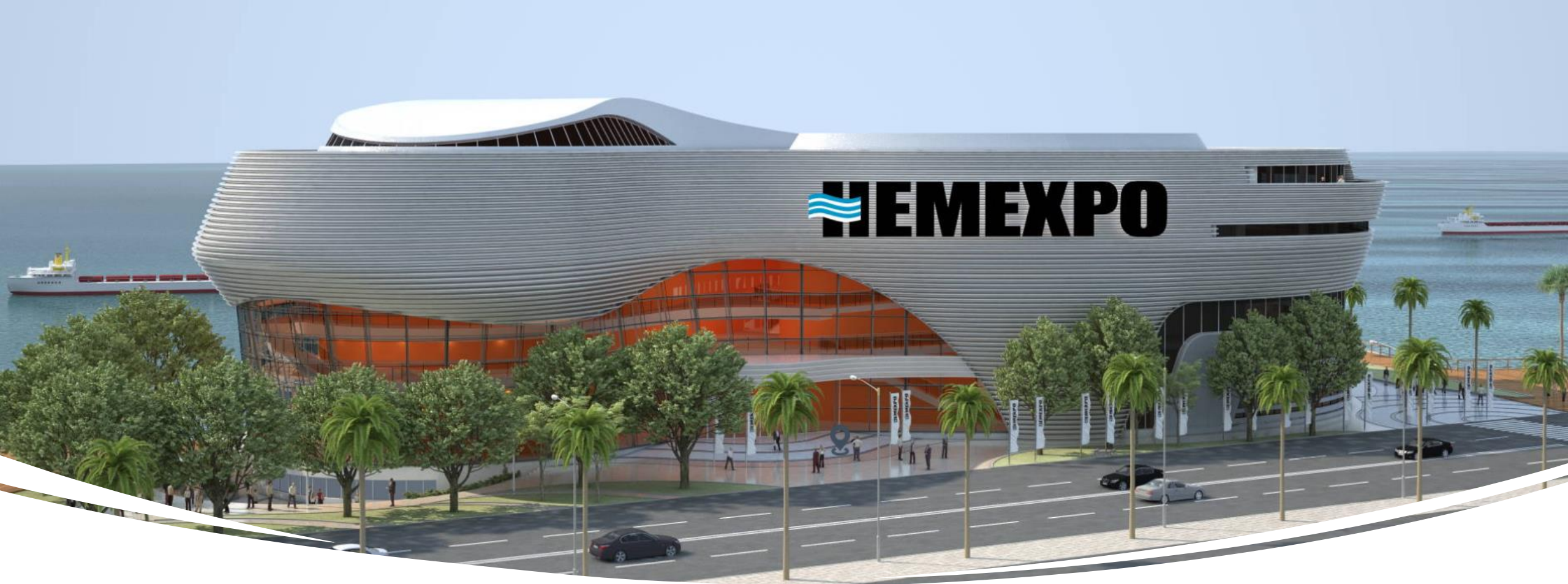
The Impacts of the 4th Industrial Revolution on Shipping

- Digitalization
- Advanced cybersecurity
- Internet of things

POINT NEMO

- The most isolated location on the planet
- The place in the ocean that is furthest from emerged land
- The closest people are in the INTERNATIONAL SPACE STATION, obtaining 400 km above the Earth





HEMEXPO CENTER

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Thank you!

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