



FUNDACIÓN
VALENCIAPORT

2024

The knowledge center for the leading
port cluster in the Mediterranean



WHO WE ARE

Fundación Valenciaport is a centre for **Applied Research, Innovation, Training** and **International Cooperation** serving the port-logistics cluster.

It is an initiative of the Port Authority of Valencia, bringing together key companies, universities and institutions in the port community.

Since its creation, it has developed projects in more than sixty countries, mainly in the Mediterranean, the rest of Europe, Asia and Latin America.



WHAT WE DO

- Promoting **innovation**, by fostering the design, implementation and execution of **R&D&I projects** aimed at enhancing the competitiveness of companies and institutions in the sector.
- Knowledge management, offering specialized and high value-added **training** for the continuous professional development of the port-logistics community's human capital.
- Active **cooperation** policy with port communities **around the world** and support to Spanish logistics operators undergoing a **process of internationalization**. Internationally showcasing the Port of Valencia's know-how
- **Market intelligence** service to develop indexes, databases and reports of strategic interest to the sector.
- Support for the **port-logistics community**, encouraging cooperation within the sector as well as outreach initiatives and dialogue with the general public, within the framework of a collective **social responsibility** strategy.

Innovation Technical
Social Responsibility R&D&I assistance
Training Market intelligence
Cooperation
Innovation

KNOWLEDGE AREAS



Market intelligence



Port logistics



Blue economy



Digital transformation



Sustainability and energy transition



Security and protection

| MARKET INTELLIGENCE:

- Market, sectoral and hinterland analysis
- Analysis of policies and regulations impacting on shipping and ports
- Containerised transport market price indices
- Port Connectivity Index
- Market alerts
- Traffic forecasts and demand studies
- Financial viability and cost-benefit analysis
- Strategic Planning
- Benchmarking and competitive surveillance

| PORT LOGISTICS:

- Port integration in global supply chains
- Port connectivity with the hinterland (rail, road and logistics platforms)
- Standardisation, optimisation, flexibility and resilience of port-logistic operations
- Synchronisation of maritime and JIT operations
- Automation processes and integration of autonomous systems and vehicles (ship, truck, machinery)
- Energy efficiency in port operations

| BLUE ECONOMY:

- Sustainable development of coastal maritime tourism
- Water quality and biodiversity protection
- Marine biotechnology
- Training and promotion of quality employment
- Port-city integration
- Marine renewable energies

| DIGITAL TRANSFORMATION:

- Collaborative environments (One-Stop-Shops, PCS and traffic management systems)
- Innovation in management systems (PMIS, TOS, TMS, ...)
- Digital twins
- Technologies for traceability, control towers, ...
- Port 4.0 (Internet of things, cyber-physical systems, Big Data, Artificial Intelligence, Virtual and Augmented Reality)
- New architectures and tools (blockchain, 5G, edge & cloud computing)
- Digital Transformation Plans

| ENERGY TRANSITION AND SUSTAINABILITY:

- Electrification and renewable production
- New low-carbon fuels
- Circular economy
- Measuring emissions and calculating carbon footprints
- Adaptation to Climate Change
- Decarbonisation Plans

| SAFETY AND SECURITY:

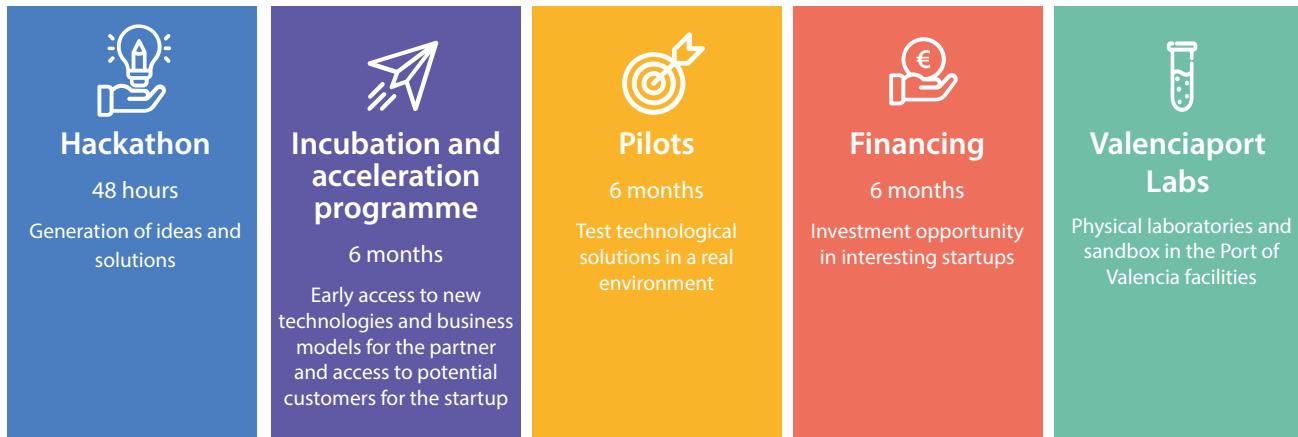
- Comprehensive management of emergencies, contingencies and advanced risk management plans.
- Advanced surveillance and control systems and technologies (drones, wearables, biometrics, artificial vision, non-intrusive technologies, etc.).
- Cybersecurity
- Integration of cyber-physical systems for the protection of critical infrastructures



Opentop is Valenciaport's innovation hub, an initiative that connects startups and corporations from the port logistics sector to collaborate on innovation projects. The aim is to boost the competitiveness of the companies of the Valenciaport cluster through open innovation.

Opentop generates opportunities for a winwin relationship between the company proposing each challenge and the startup selected to solve it.

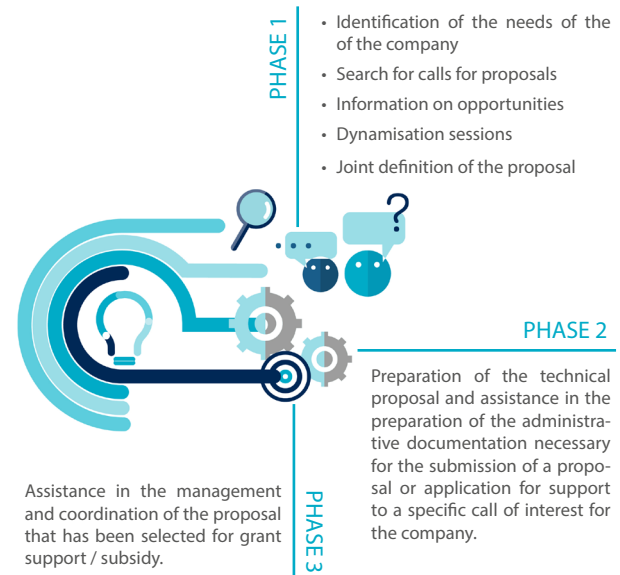
Open innovation solutions





The **Office for the Promotion and Funding of Innovation in the Maritime and Port Cluster (IMARPORT)** is an initiative of Fundación Valenciaport, whose objective is to help companies in the maritime-port sector to participate in R+D+i projects and in calls for applications for grants for the implementation of digitalisation solutions, energy transition, productivity improvement, among other topics, in both national and European R+D+i programmes and for the deployment of innovative solutions.

IMARPORT was created in July 2023 as a structure **to boost innovation and progress in the maritime and port sector**, by encouraging cluster companies subscribing to the services to adopt a proactive approach to innovation and continuous improvement, stimulating their willingness to submit project proposals in various funding programmes, thus promoting greater involvement in R&D&I activities and deployment of **digitisation** and **decarbonisation** solutions, among other areas.



FUNDACIÓN VALENCIAPORT IN NUMBERS:



+500 Partners



TRAINING

1,093
COURSES

 **69,212**
hours

 **346**
teachers

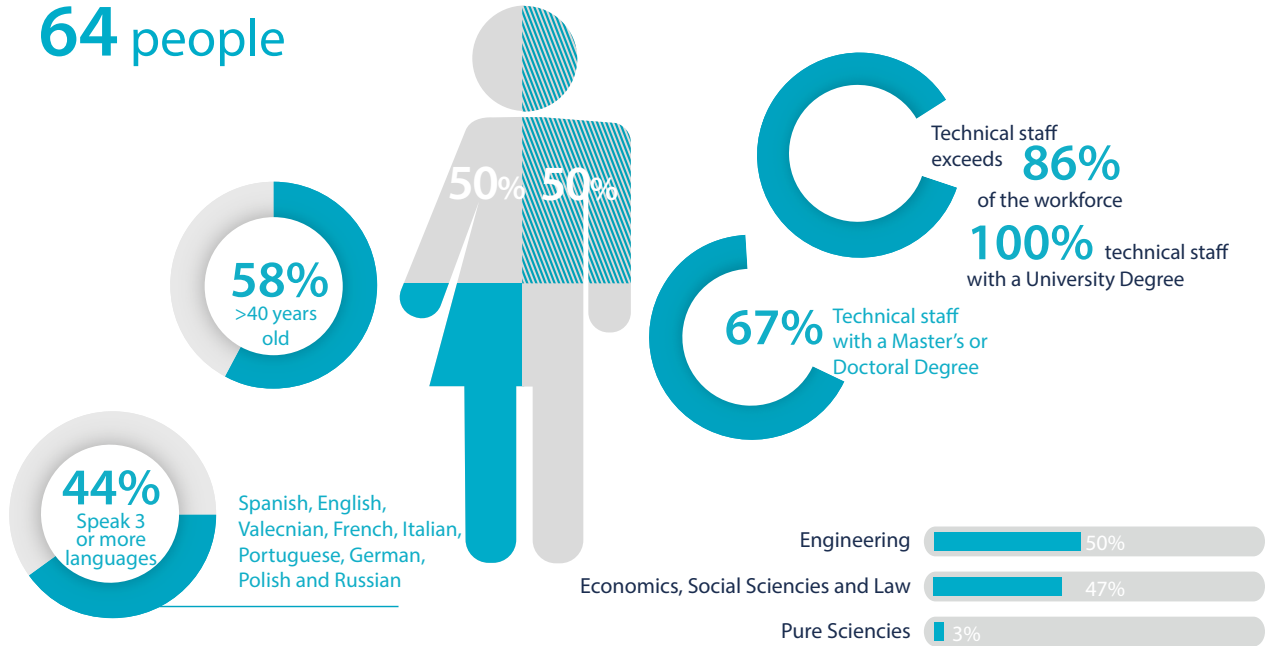
 **26,251** students
12% foreign students

 **98%** employability

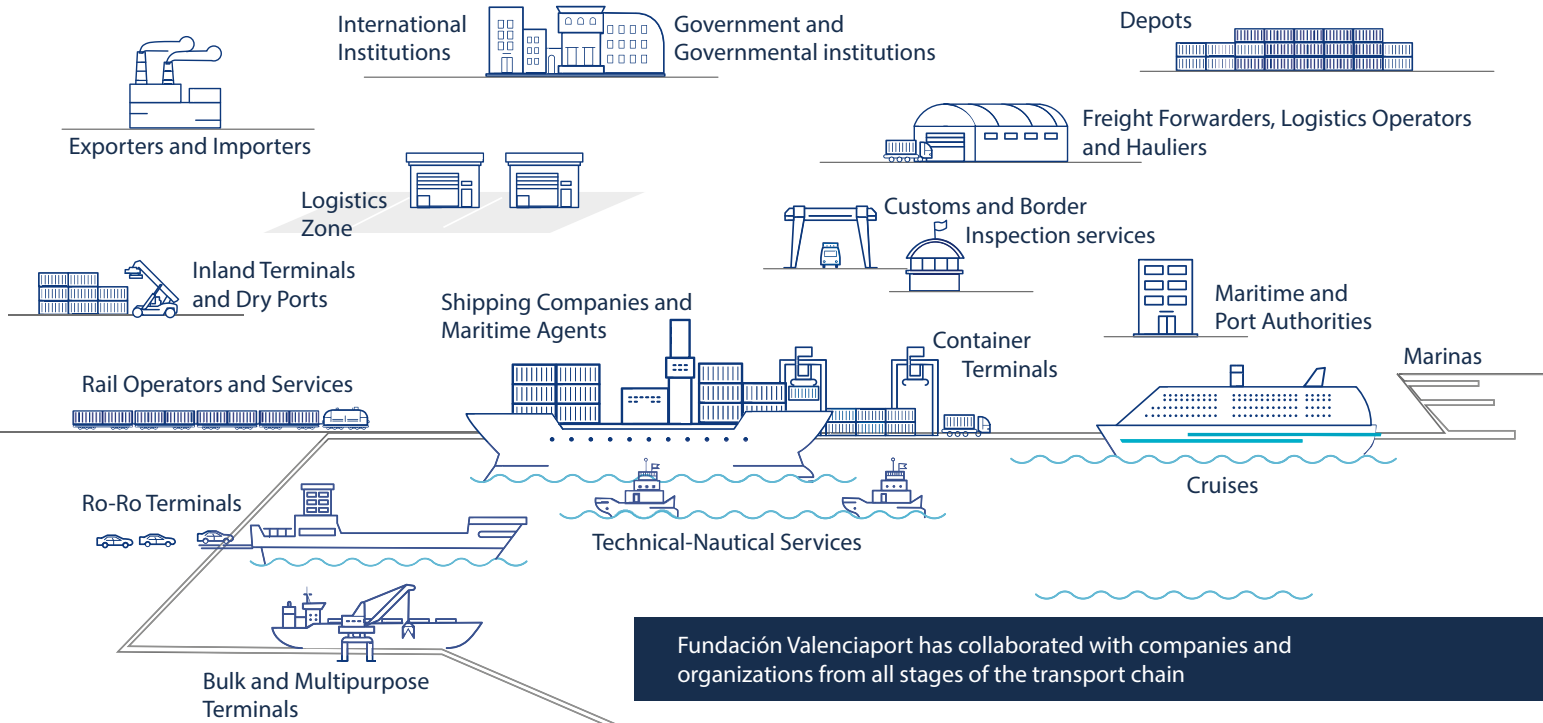
* 2023 figures

OUR TEAM

64 people



OUR CLIENTS



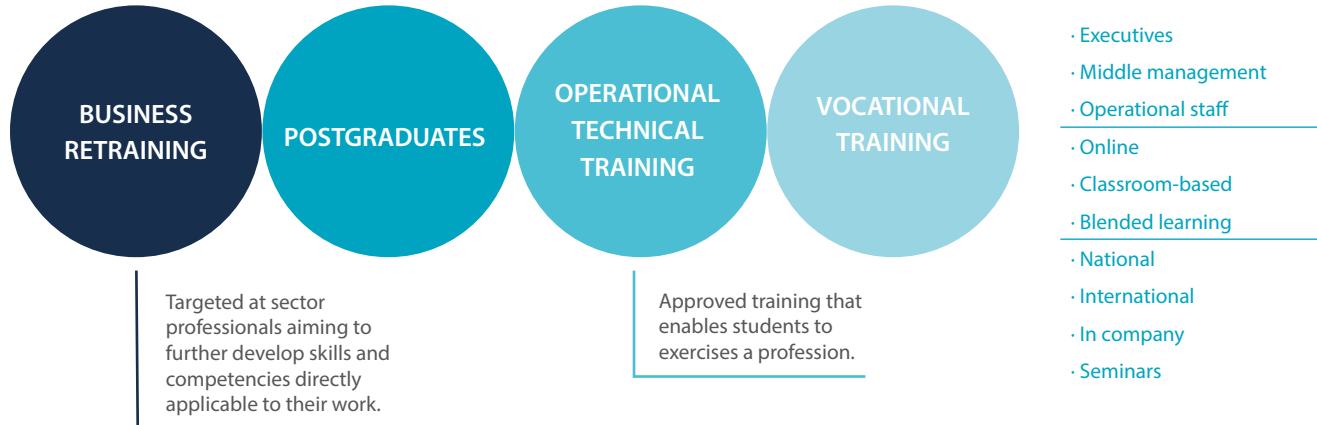
Fundación Valenciaport has collaborated with companies and organizations from all stages of the transport chain

TRAINING

Centre of Excellence serving the port logistic community.
More than 30 years as the leading training provider in the sector.

SPECIALIZED TRAINING in Business Management, Trade, Transport, Logistics and Ports.

| TYPES OF TRAINING



TRAINING



UNIVERSITAT
POLITÈCNICA
DE VALÈNCIA



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valenciaport
Autoridad Portuaria de València

The Master's in Port Management and Intermodal Transport has become established as the most prestigious international Spanish-language training programme specializing in ports, logistics, transport and trade. The course has had a far-reaching impact among professionals and postgraduates in Spain, Europe and Latin America.

In addition to the 32 Master's courses that have been run in València (Spain), an international version of the Master's has been taught in Panama, Colombia, Argentina, Brazil and Mexico (MLGP).

International
study trip to
London

Field trips
to port
facilities

Outdoor training
activity linked
to strategy and
leadership



Access to job offers through the FV Alumni Association and UPV.



Internships in companies in the sector.

Port Authorities | Container Depots | Foundations and Institutions
[Shipping Companies] Shipping Agents and Maritime Agents]
Freight Forwarders and Logistics Operators | Container Terminals



98% employment



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