



FUNDACIÓN
VALENCIAPORT

2023

The knowledge centre for the leading
port cluster in the Mediterranean



WHO WE ARE

Fundación Valenciaport is a centre for **Applied Research, Innovation** and **Training**, 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** by providing **technical assistance** 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 Training Market intelligence

KNOWLEDGE AREAS



Port-Maritime
market



Port planning
and
management



Port
logistics



Digital
transformation



Sustainability
and energy
transition



Security and
protection



Integration
between the
port and the city

| PORT-MARITIME MARKET:

- Strategic reports for the port-maritime sector
- Analysis of foreign trade and international traffic
- Databases of shipping lines
- Price indexes for the container transport market

| PORT PLANNING AND MANAGEMENT:

- Traffic and demand forecasting
- Financial and socio-economic analysis of port and logistic projects
- Strategic and master plans
- Port community quality systems

| PORT LOGISTICS:

- Port integration in global supply chains
- Port connectivity with the hinterland (rail, road and logistics platforms)
- Short Sea Shipping
- Automation and integration processes of autonomous vehicles (ships, trucks, machinery)
- Sea traffic management systems and synchronization with port operations

| INTEGRATION BETWEEN THE PORT AND THE CITY:

- CSR
- Sustainable mobility
- Port-City Planning
- Urban logistics
- Sustainable tourism and cruises

| DIGITAL TRANSFORMATION:

- Collaborative environments (single windows, PCS and traffic management systems)
- Innovation in management systems (PMIS, TOS...)
- Traceability technologies
- Port 4.0 (Internet of things, cyber-physical systems, Big Data and Artificial Intelligence)
- New architectures and tools (blockchain, 5G and cloud computing)

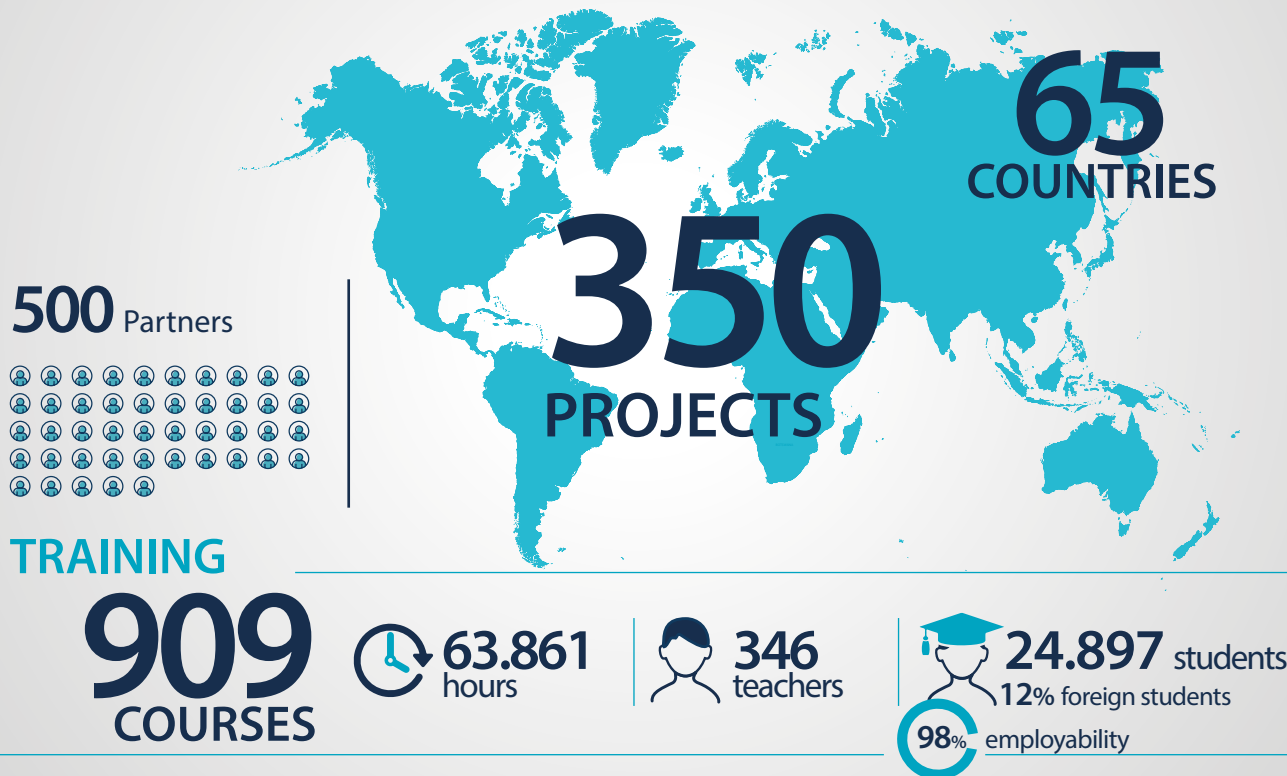
| SUSTAINABILITY AND ENERGY TRANSITION

- Clean energy: renewables, hydrogen, LNG and other alternatives for port and maritime use
- Energy efficiency in port operations
- Circular economy in ports
- Measuring emissions in ports, ships and logistics chains
- Analysis of the impact of climate change on infrastructures and logistics operators

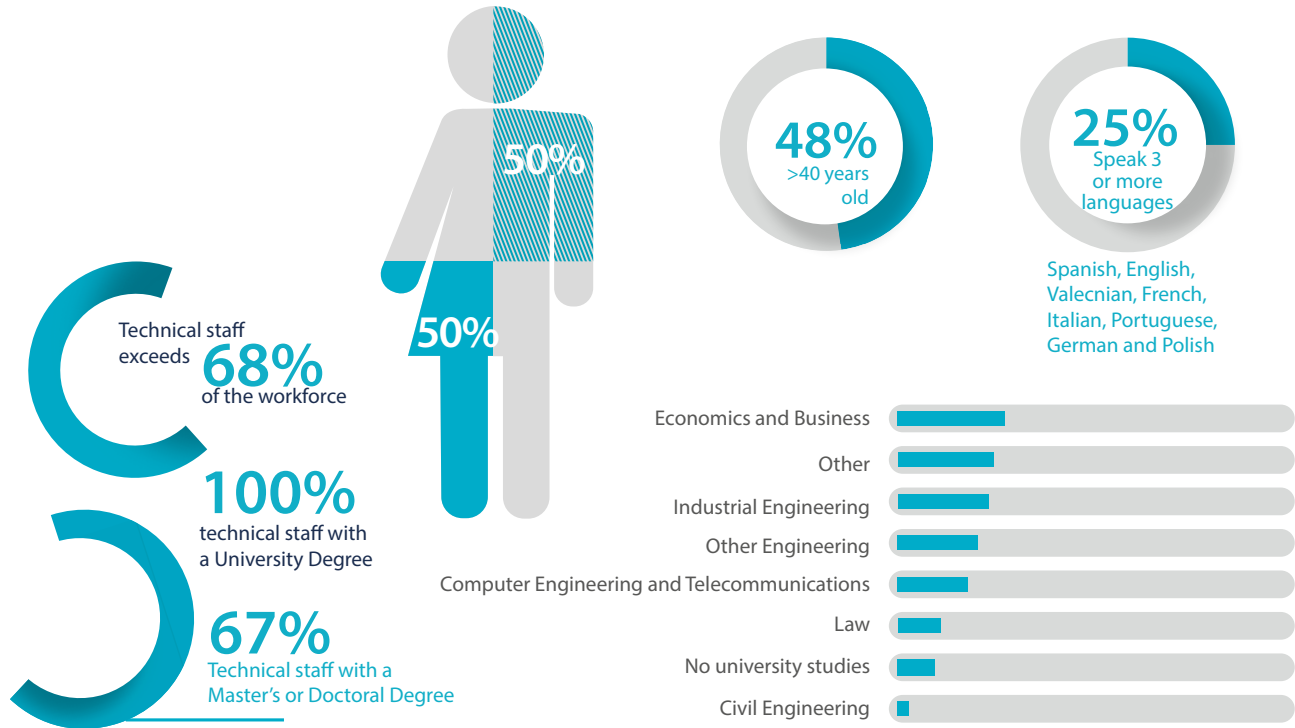
| SECURITY AND PROTECTION:

- Physical security environments (drones, wearables, new identification and control systems, non-intrusive technologies and advanced visualization systems)
- Cyber security
- Cyber-physical management (integrated control centres)

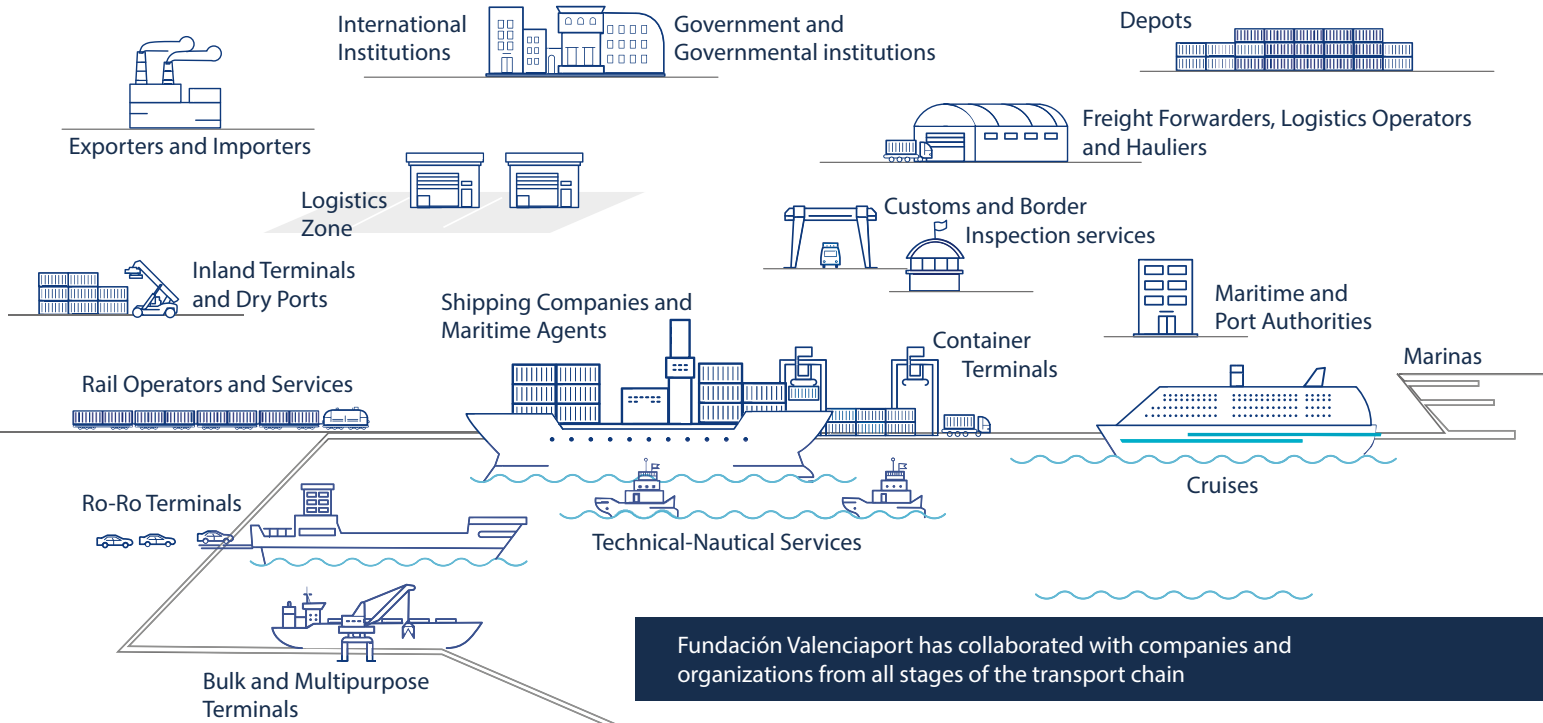
FUNDACIÓN VALENCIAPORT IN NUMBERS:



OUR TEAM



OUR CLIENTS



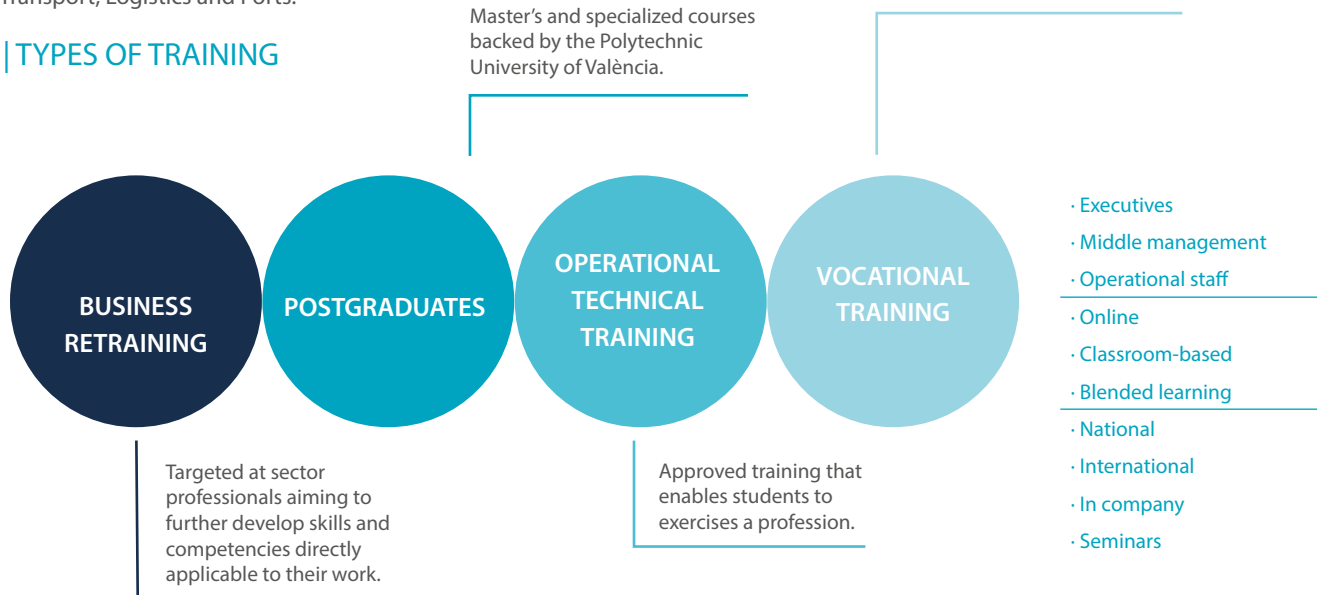
Fundación Valenciaport has collaborated with companies and organizations from all stages of the transport chain

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 31 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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Innovation & Training in
Ports, Transport & Logistics

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