

ROOM VIII, Building E
Palais des Nations, Geneva
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UNITED NATIONS
UNCTAD



The Commonwealth



IOI International
Ocean Institute

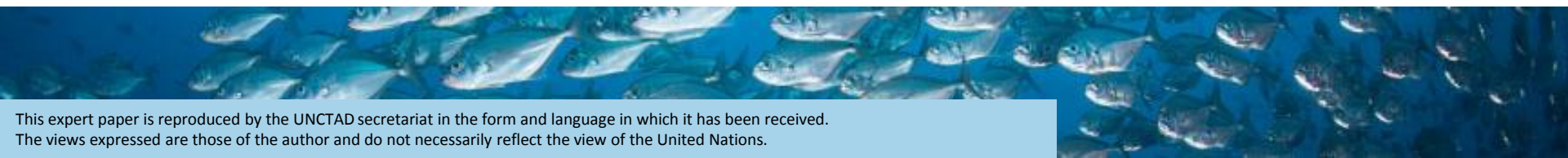
Oceans economy and trade:
Sustainable fisheries, transport and tourism



The Port of Valencia Perspective

Mr. Juan M. Diez Orejas

Deputy Strategic Planning Director, Port Authority of Valencia



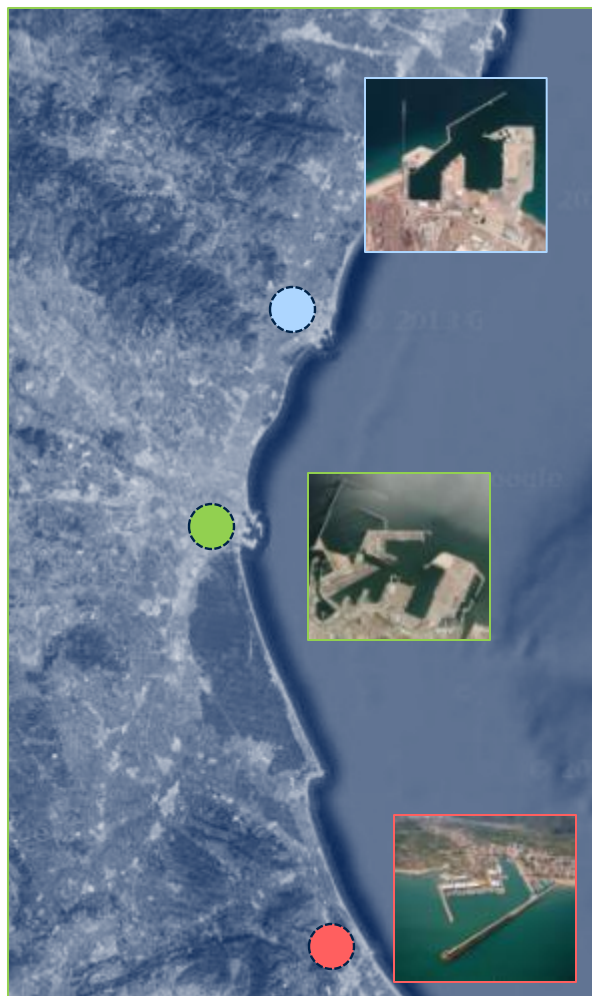
Agenda



- Valenciaport: who we are
- Sustainability challenges of ports: the experience
- Valenciaport and the 2030 Agenda For Sustainable Development
- Valenciaport and the Blue Economy
 - Transport cluster promotion
 - Sustainability promotion in Maritime Transport
 - Cruise & recreational boating activities development
- Conclusions

The Port Authority of Valencia

Our three port at a glance 2015



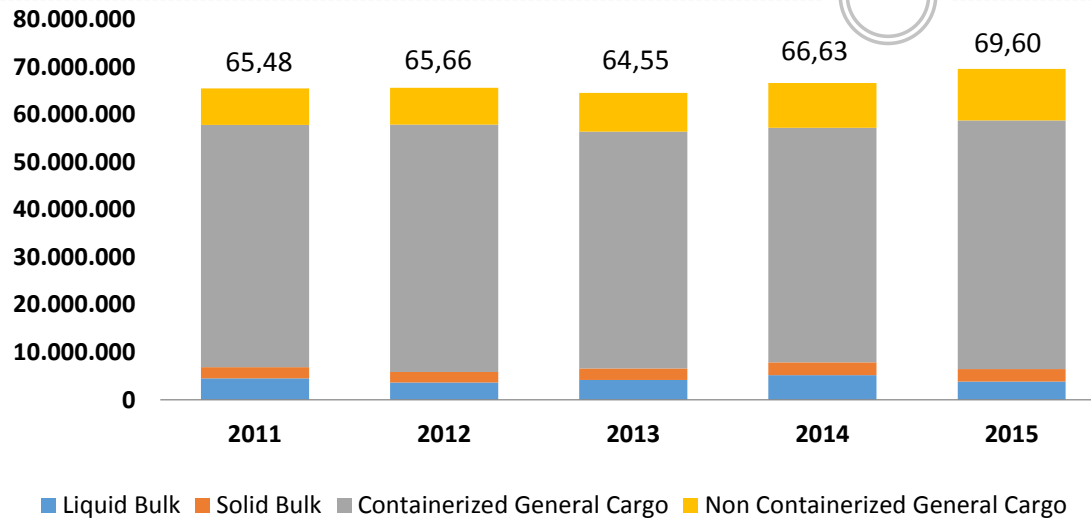
Sagunto: 6,34 Mio. Tons
33.686 TEU
183.077 Vehicles

Valencia: 62,87 Mio. Tons
4,58 Mio. TEU
744.922 Passengers
373.548 Regular Lines Passengers
371.374 Cruise Passengers
506.349 Vehicles

Gandia: 0,382 Mio. Tons
1.594 TEU

Valenciaport: 69,6 Mio Tons; 4,61 Mio TEU

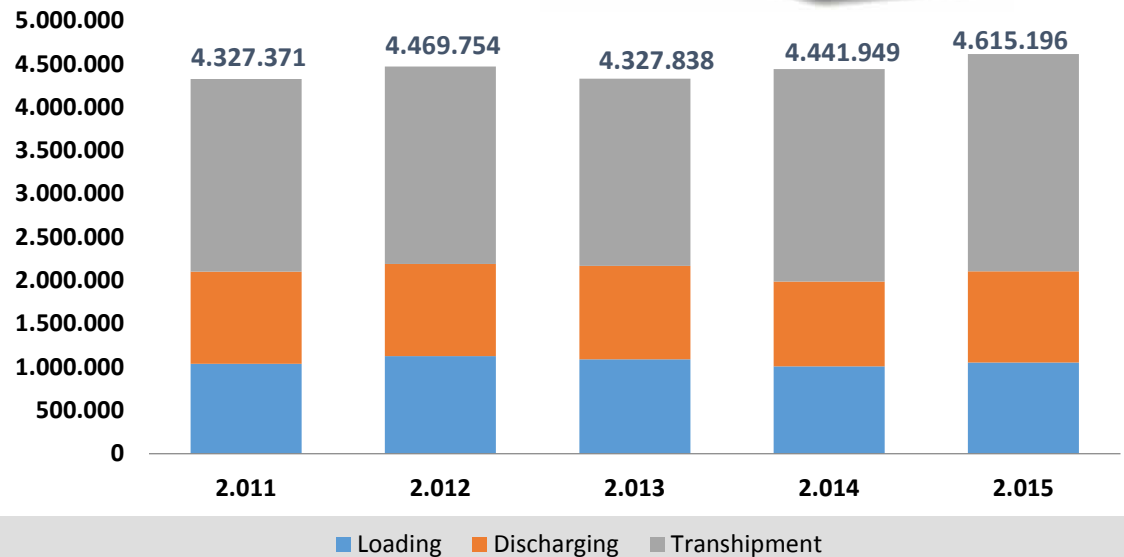
Growing path



Container
our main traffic
75%




Gate/transshipment port (Mixed hub concept)



Growing path

Top 15 container ports in Europe

Total container throughput in 1000 TEU

Rank 2015	Rank 2014	Rank 2007	Port	2015 1000 TEU	Growth 2014/2015	Growth 2007/2015
1	1	1	Rotterdam	12 234	-0.5%	13.4%
2	3	3	Antwerp	9 653	7.5%	18.1%
3	2	2	Hamburg	8 820	-9.3%	-10.8%
4	4	4	Bremerhaven	5 546	-4.3%	13.4%
5	6	8	Valencia	4 615	3.9%	51.7%
6	5	6	Algeciras	4 511	-1.0%	31.9%
7	7	7	Felixstowe (*)	3 984	-2.2%	19.2%
8	8	(***)	Piraeus	3 287	-8.3%	139.4%
9	10	12	Marsaxlokk (**)	3 100	8.1%	63.2%
10	11	9	Le Havre	2 560	0.2%	-3.0%
11	9	5	Gioia Tauro	2 550	-14.1%	-26.0%
12	12	14	Genoa	2 243	3.2%	20.9%
13	14	13	Southampton (*)	2 108	11.2%	12.8%
14	15	10	Barcelona	1 953	3.2%	-25.2%
15	13	11	Zeebrugge	1 559	-23.8%	-22.9%
 © Theo Notteboom TOP 15 68 723 February 2016 TOP 3 30 707					-1.6%	12.1%
					-1.0%	6.4%

(*) Estimate based on growth first 9 months; (**) Estimate

(***) Not in top 15 in 2007. Constantza ranked no. 15 in 2007 (1.41 mio TEU)

The Port of Valencia: a key factor for competitiveness

✓ **1st Container Port in Spain & the Mediterranean**

✓ **5th Container Port in Europe**

✓ **40% of the containers that serve the Spanish foreign trade pass through the Port of Valencia**

✓ **Carbon Footprint 2014: 2,58 KgCO₂eq /Tm (- 8,51% vs. 2012)**



✓ **Helping companies to trade abroad and be more competitive**

✓ **Ensuring connectivity to the world's markets**

100 regular lines and 1.000 ports served



Firm commitment to serve general public interest, economy, & society

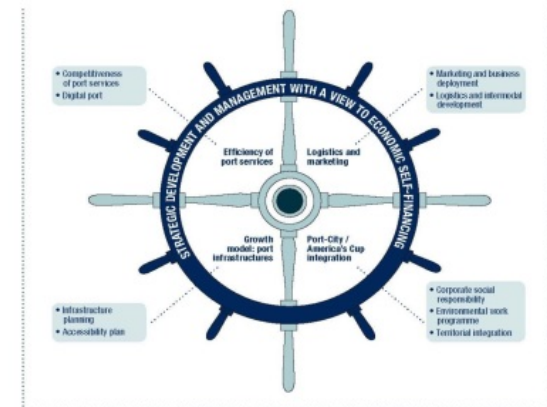
TOWARDS 2020

Up-dated
Strategy
Plan (2010)



Valenciaport 2020: focused Strategy

- Market - oriented
- Services efficiency
- Logistic & intermodal integration
- Economic, social & environmental sustainability



Deployment of the Strategic Plan

Agenda 2030 for Port activities

People, Planet & Prosperity

Sustainable transport systems and quality and resilient infrastructure

Reduction of global greenhouse emissions

Conservation and sustainable use of oceans and seas



Agenda 2030 for Port activities



People, Planet & Prosperity

- SDGs directly affected:
 - Goal 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all
 - Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation
 - Goal 11. Make cities and human settlements inclusive, safe, resilient and sustainable
 - Goal 12. Ensure sustainable consumption and production patterns
 - Goal 13. Take urgent action to combat climate change and its impacts
 - Goal 14. Conserve and sustainably use the oceans, seas and marine resources for sustainable development

Valenciaport and Agenda 2030

Goal 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all

Valenciaport initiatives:

- Promotion of **safe and secure working environment**: OSHAS certification. Coordination of activities in Port Area
- Promotion of **entrepreneurship**: participation in the **Valencia Local Pact for Innovation and Entrepreneurship**
- **Tourism** promotion: **Cruise industry** and leisure marine activities support
- **Trade support** for developing countries: participation in UNCTAD's **Train For Trade Program**



Valenciaport and Agenda 2030

Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

Valenciaport initiatives:

- **New expansion** under development, climate change resilient. CLIMEPORT Project.
- Improving **intermodal rail connections** of the port. Objective: increase railway connections by **24 % in 2020**. CONNECT Valencia Project.



Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

Valenciaport initiatives (cont.):

- Increased **energy efficiency** in PAV activities and within the port community and the hinterland.
 - ✦ **E4PORT** Project: Promotion of **Energy Management Systems** within the Port Community
 - ✦ **ECOLOGISTYPORT**: Promotion of **training and awareness** for energy efficiency
 - ✦ **SEATERMINALS**: Smart Energy Efficient And Adaptive **Port Terminals**
 - ✦ **CO-EFFICIENT**: Helping **SME's Logistics** to become Energy Efficient

Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

Valenciaport initiatives (cont.):

- More than **200 R+D+i Projects** within 10 years
- R+D+i Projects volumen in **2015: > 3 M €**
 - ✦ **B2MoS – Motorways of the Sea** Development
 - ✦ **GreenBerth – LNG Deployment** as an optional bunkering
 - ✦ **Monalisa – Security** in the transport chain
 - ✦ **CAPACITY4RAIL – Rail Accesibility** to Terminals
 - ✦ **SMILE – Smart City / Smart Port** Integration

Valenciaport and Agenda 2030

Goal 11. Make cities and human settlements inclusive, safe, resilient and sustainable

Valenciaport initiatives:

- Port City relationship: **Old Commercial Port Area** transferred to the city for leisure, academic and public use
- Protection of **historical port buildings** and subaquatic archeology
- Promotion of port and port related activities among **young people**



Historical - Industrial Heritage Preservation



Goal 12. Ensure sustainable consumption and production patterns

Valenciaport initiatives:

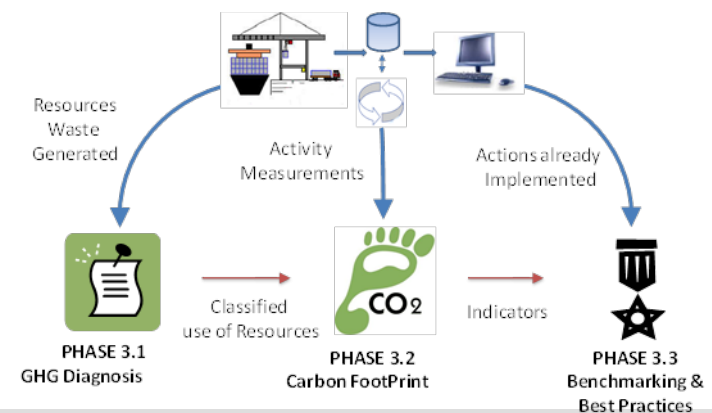
- Waste reduction plans. PAV developed the 1st Port Transfer Point in 2000.
- MARPOL Services improvement.
- Sustainability Reporting since 2001
- Green Procurement practices.
- Awareness campaigning and support through the Port Community.

Valenciaport and Agenda 2030

Goal 13. Take urgent action to combat climate change and its impacts

Valenciaport initiatives:

- Carbon footprint measurement since 2010.
- Member of the WPCI initiative
- Innovation projects:
 - ✦ New energy sources in the port (wind, photovoltaic)
 - ✦ Optional bunkering for vessels (LNG)
 - ✦ Cold Ironing for vessels



Valenciaport and Agenda 2030

Goal 14. Conserve and sustainably use the oceans, seas and marine resources for sustainable development

Valenciaport and the Blue Economy

- Fostering economic growth
- Promoting sustainability of port & shipping activities
- Supporting cruise tourism & recreational boating activities
- Supporting fishing & aquaculture



Valenciaport and the Blue Economy

- Fostering economic growth: Valenciaport hosts a vibrant Community generating:

Valenciaport Economic Impact	Direct	Indirect	Related	TOTAL
Gross Salaries (x €000)	507.763	113.616	61.545	682.924
Gross Surplus (x €000)	501.080	159.802	81.333	742.215
Tax Income (x €000)	23.381	9.065	4.515	36.961
GVA abp (x €000)	631.121	171.949	91.010	894.080
Total production (x €000)	1.260.241	290.613	189.441	1.740.296
Jobs	11.020	1.950	6.830	19.800



Valenciaport and the Blue Economy

- Valenciaport contribute to the development of the Port & Shipping regional cluster through:

- **Integrated Quality Seal** – Marca de Garantía. A way to contribute to common competitiveness



- State of the art **Port Community System** –



- **Environment Protection** common network: ECOPORT



- Valenciaport Foundation



Valenciaport and the Blue Economy

Sustainable development in port environment:

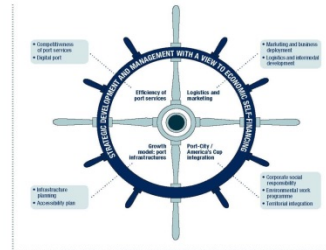
*“that allowing **traffic growth**, decreasing energy and natural resources consumption, the volume of waste and the effects on their areas of influence or improving resources management and protecting the natural, economic and social systems that could be affected by the port” – Working Group “Sustainability in sea ports”
CONAMA 2004*

Double rol: Port & Shipping related activities

Valenciaport and the Blue Economy

Valenciaport: the path towards Sustainability

General Interest
Stakeholders
Environmental concern
Legislation
Value



Deployment of the Strategic Plan

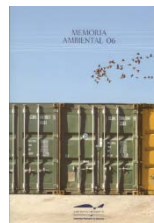
The Strategy



The Feed-back

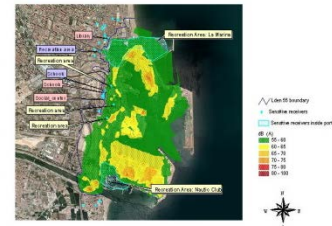
Sustainability

Reporting
Awareness
Certification
CO2 Footprint



The Tools

Sensitive receivers



Strategy Deployment
Business objectives
Clients
Port Tenants

The Policy









Environmental Aspects
Technology
Best Practices
EMS

Valenciaport and the Blue Economy

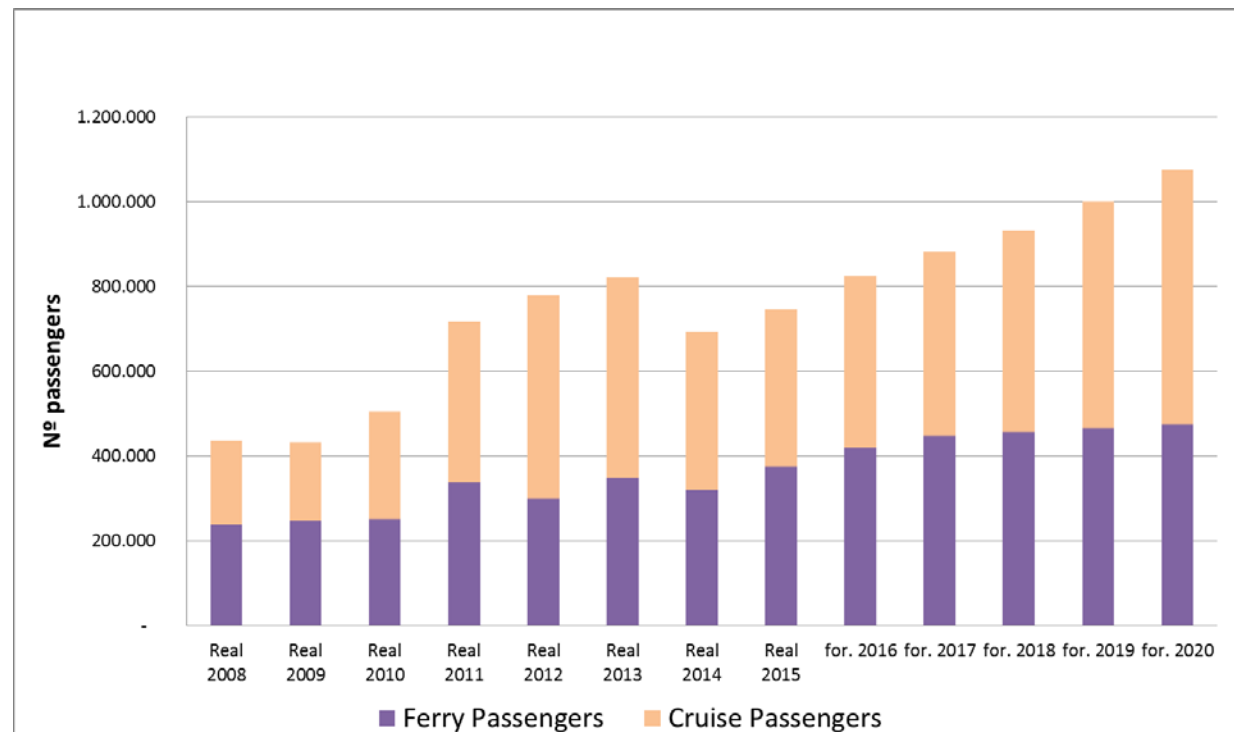
- Promoting sustainability of port & shipping activities
 - Valenciaport gives technological support and financial incentives – 5 to 20% bonus on some port dues – to ships and port operators that apply EMS aligned to environmental port policy and objectives
 - Valenciaport collaborates with the Port Community promoting sustainability

Year	Project	Subject
1998 2001		Valencia Port EMS program conception
2000 2003		Port Environment Indicators System
2002 2005		Acoustic & Air Pollution Control System
2002 2005		EMS implementation Guide for EU Port Communities
2004 2007		Maritime Security & Environ. Protection – best practice exchange in West Med
2005 2008		Risk Management System for Dangerous Goods Transport in Med area

Year	Project	Subject
2005 2008		Noise monitoring, mapping & reduction action plan
2005 2008		Port-City Environment Integration System
2009 2010		SME's Training on EMS implementation & Energy management
2009 2010		Energy efficiency at Container Terminals
2009 2012		GHG emissions assessment. Carbon-footprint reduction Action Plan in EU Med ports
2010 2014		Energy Management System implementation at EU port facilities

Valenciaport and the Blue Economy

- Supporting cruise tourism :
 - Cruise traffic defined as strategic
 - Action Plan agreed with the Valencian Regional Government and the Municipality



Valenciaport and the Blue Economy

- Supporting cruise tourism (cont.):
 - New Cruise Piers in the Port Expansion
 - New Cruise Terminal to be developed 2017-2018



Valenciaport and the Blue Economy

- Recreational Boating activities:
 - Three marinas in the ports of Valencia and Gandía: more than 2.800 mooring points
 - One more planned in Sagunto Port Expansion



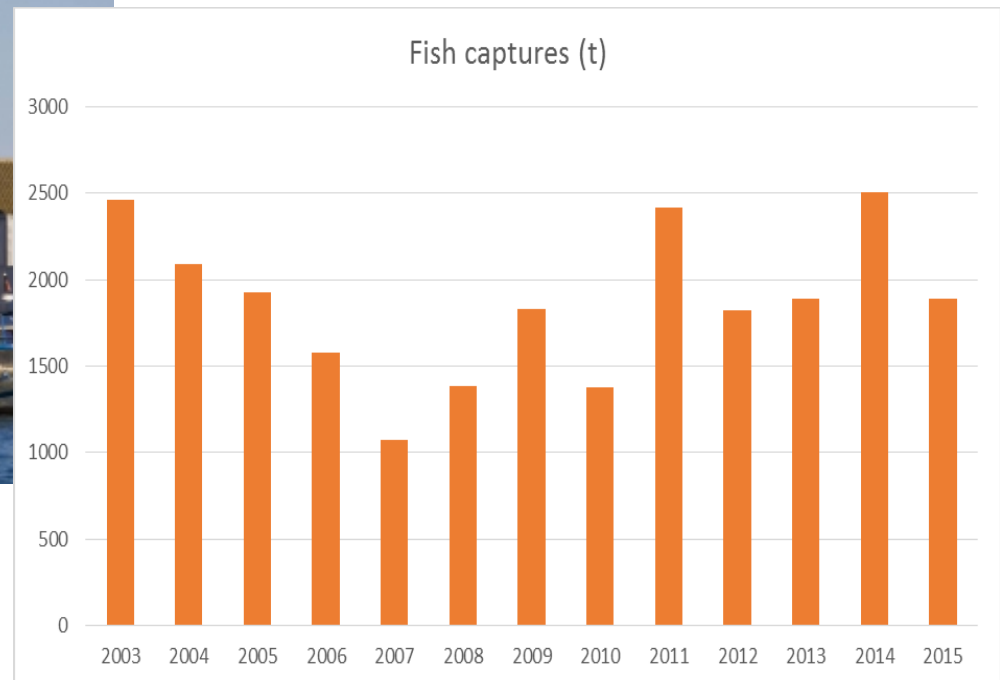
Valenciaport and the Blue Economy

- Recreational Boating activities (cont.):
 - Connected activities:
 - ✦ Nautical Schools
 - ✦ Shipyards
 - ✦ Ship suppliers



Valenciaport and the Blue Economy

- Fishing and aquaculture:
 - Traditional fishing in the three ports



Valenciaport and the Blue Economy

- Fishing and aquaculture:
 - Aquaculture farms in Sagunto and Valencia
 - Mussels and Oyster farming in Sagunto and Valencia



Conclusions



- As a mayor player in the regional economy, the Port Authority of Valencia coordinates the regional cluster, fostering its competitiveness, making Valenciaport a leader port in terms of traffic and throughput in West Med
- The Strategic Agenda of Valenciaport is fully aligned with the Sustainable Development Goals of Agenda 2030 in its field of activity.
- Valenciaport is committed with the social, economic and environmental sustainability of its activities, contributing to the regional Blue Economy growth

The Port of Valencia: Key Factor of Territorial Competitiveness



Contributes to the internationalization and competitiveness of Spanish companies

Ensures connectivity between Markets: Gate/transshipment port (Mixed hub concept)

Powerful hinterland – cargo concentration (import and export)

Development of Logistics Platforms and Technology

Unique connectivity in Spain (100 regular lines and 1.000 ports served around the world).

Sustainable Growth

Economic, key to the development of trade actors .

Social, considering the importance of the port relations with their environment.

Environmental.

Managing public funds with private economy criteria

Market Knowledge: tendencies and trends

Strategic approach: Assuming the Leadership

Adaptation and Anticipation of Change