

Green Deal support for the Green Ports

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Green Deal support for the Green Ports

European Green Deal

Sustainable Blue Economy in the EU

Financing and support the sector

Horizon Europe - Mission Ocean, Seas and Waters

The Connecting Europe Facility

Mixt funds - EU + Private- Offshore Wind Ports Platform

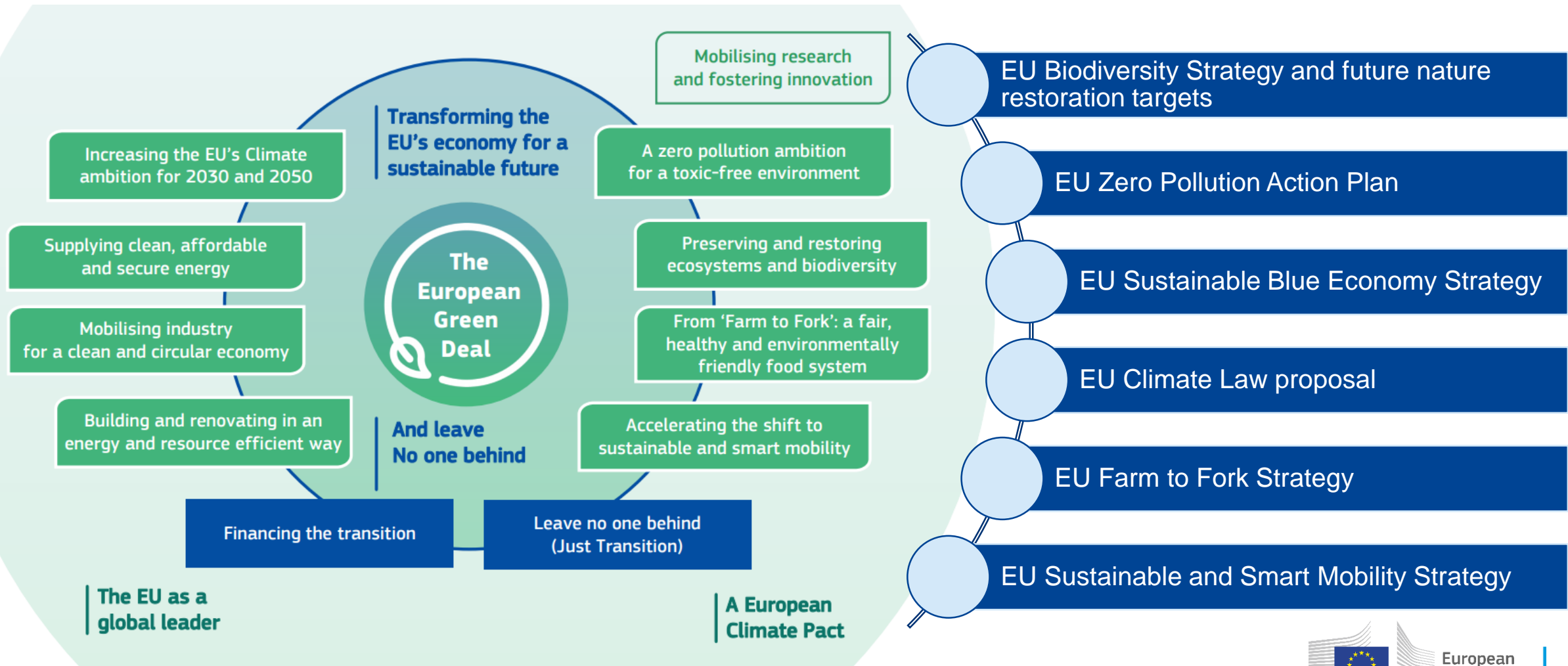
European Maritime Fisheries and Aquaculture Fund

Maritime Spatial Planning

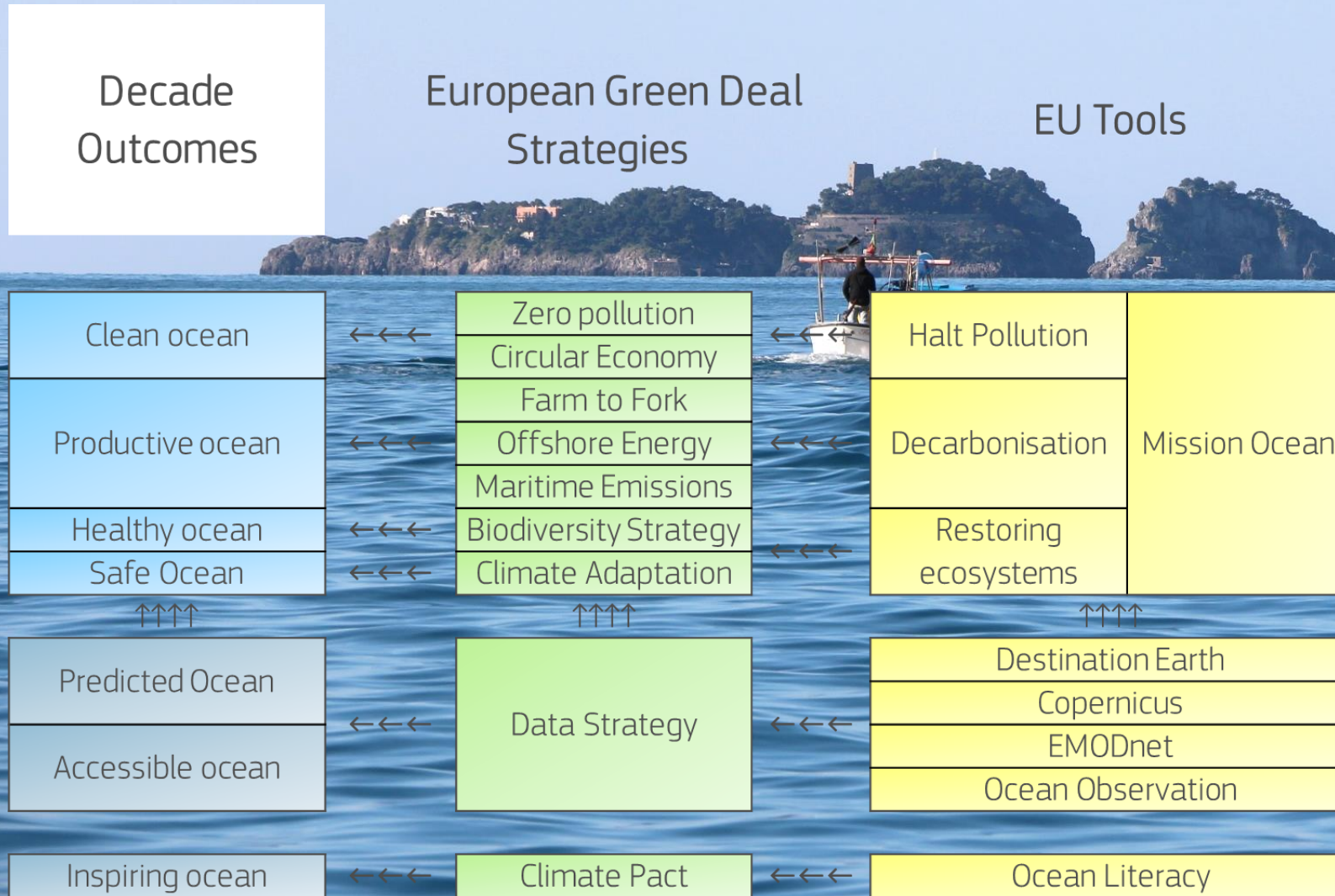
Blue Invest Platform



The European Union can only fulfil its European Green Deal objectives with a healthy ocean and waters.



Green Deal support for Ocean activities



**EUROPEAN
GREEN DEAL**

#EUGREENDEAL

Transforming the EU's economy for a sustainable future.

A new approach for a sustainable Blue Economy in the EU

1. The **2030 Agenda** and the **European Green Deal** call for a sustainable transformation of the EU's economy and the Blue Economy is no exception;
2. « **There is no green without blue** »: the Blue Economy is part of the solution; we need to look at oceans to achieve the EGD objectives;
3. Transitioning to sustainable Blue Economy can contribute to the **recovery** of the sectors affected by the COVID crisis and bring more resilience;
4. Such a major shift call for joint efforts **across the different Blue Economy sectors and across the EU.**



Transforming the Blue Economy value chains

Decarbonisation

- Explore the full potential of offshore renewable energy
- Transition to zero emission vessels
- Transform ports in hubs for sustainable development
- Etc...

Biodiversity and coastal resilience

- Protect and restore coastal and marine ecosystems
- Invest in nature-based solutions
- Value natural capital by promoting sustainable tourism
- Etc...

Responsible food systems

- Meet the CFP sustainability standards
- Implement the strategic aquaculture guidelines
- Invest in macro and micro algae
- Etc...

Circularity

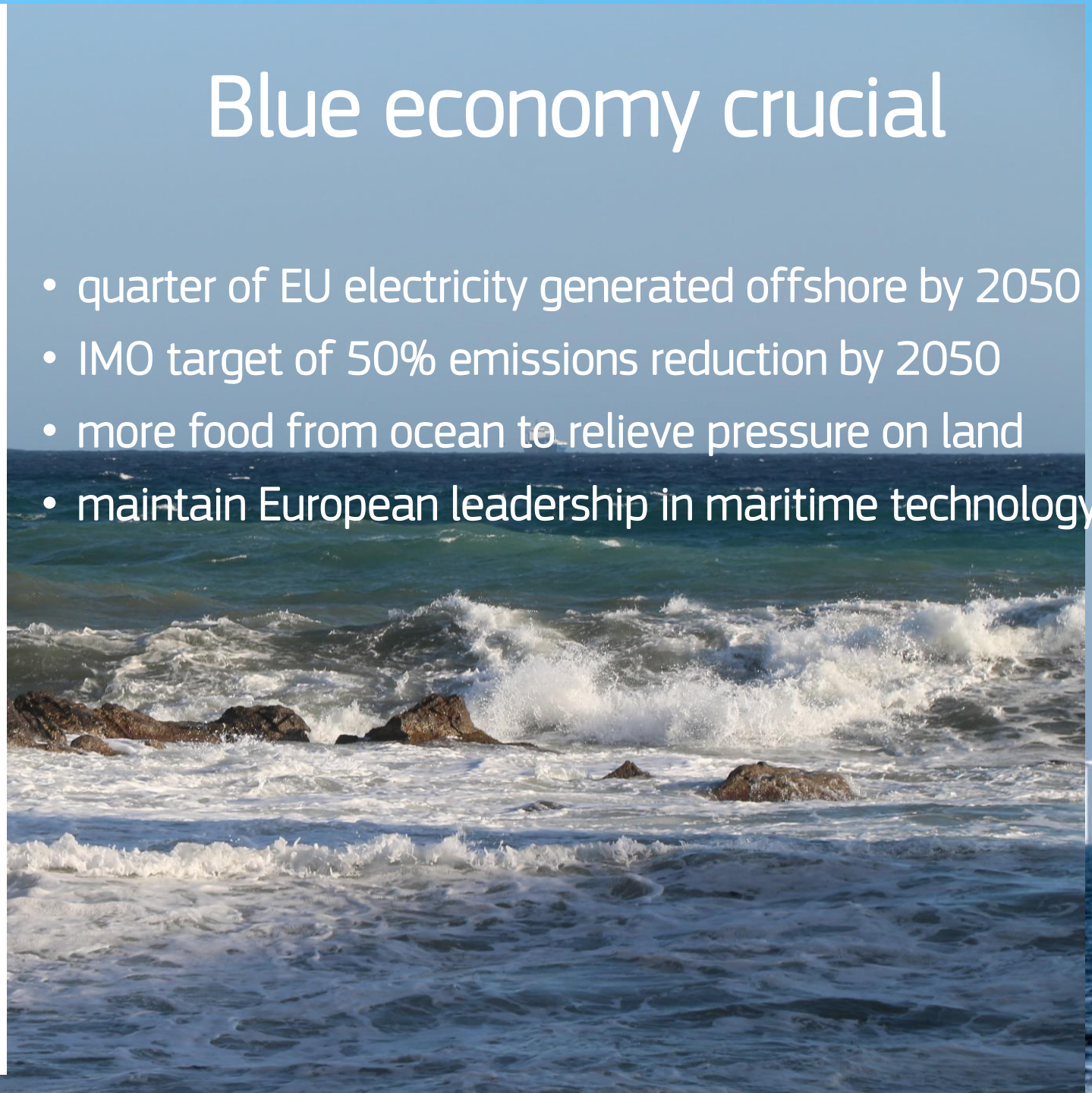
- Get rid of macro-plastics
- Invest in circular design of fishing gears
- Develop recycling facilities for ships, recreational boats, offshore platforms and wind farms
- Etc...

For examples: [Euronews ocean videos](#)



Blue economy crucial

- quarter of EU electricity generated offshore by 2050
- IMO target of 50% emissions reduction by 2050
- more food from ocean to relieve pressure on land
- maintain European leadership in maritime technology



The Oceans are the new Economic Frontier

How we will finance the sector:

- Horizon Europe
- The Connecting Europe Facility (CEF)
- Invest EU
- Recovery fund – Next Generation EU
- EMFAF - Blue Invest



Other Financing Opportunities for 2021-2027

PILOTS

first call for grants

- €3 billion external finance

second call for grants and equity

- 1862 applications
- Spain (228),
- Italy (173),
- Israel (164),
- Germany (142)
- and France (134)

Open Innovation HorizonEurope €13.5 b

European Investment Council

Knowledge Innovation Community

Pathfinders TRL 1-5

Accelerators ≈TRL 8

2024 marine?

Strong competition from other themes – space, security

InvestEU guarantees

EMFAF

SMEs

€11.5 b

social investment and skills

€4 b

research and innovation

€11.2 b

sustainable infrastructure

€11.5 b

more financial instruments

Horizon Europe - Mission Ocean, Seas and Waters

Restore our ocean and waters by 2030

**Horizon
Europe**

THE NEXT EU RESEARCH & INNOVATION
PROGRAMME (2021–2027)

#HorizonEU

Research and
Innovation



Protect and restore
marine and
freshwater
ecosystems and
biodiversity



Prevent and eliminate
pollution of our
ocean, seas and
waters



Make sustainable
Blue Economy carbon
neutral and circular

Digital ocean and water knowledge system
Public mobilization & engagement

Mission lighthouses

Danube river basin



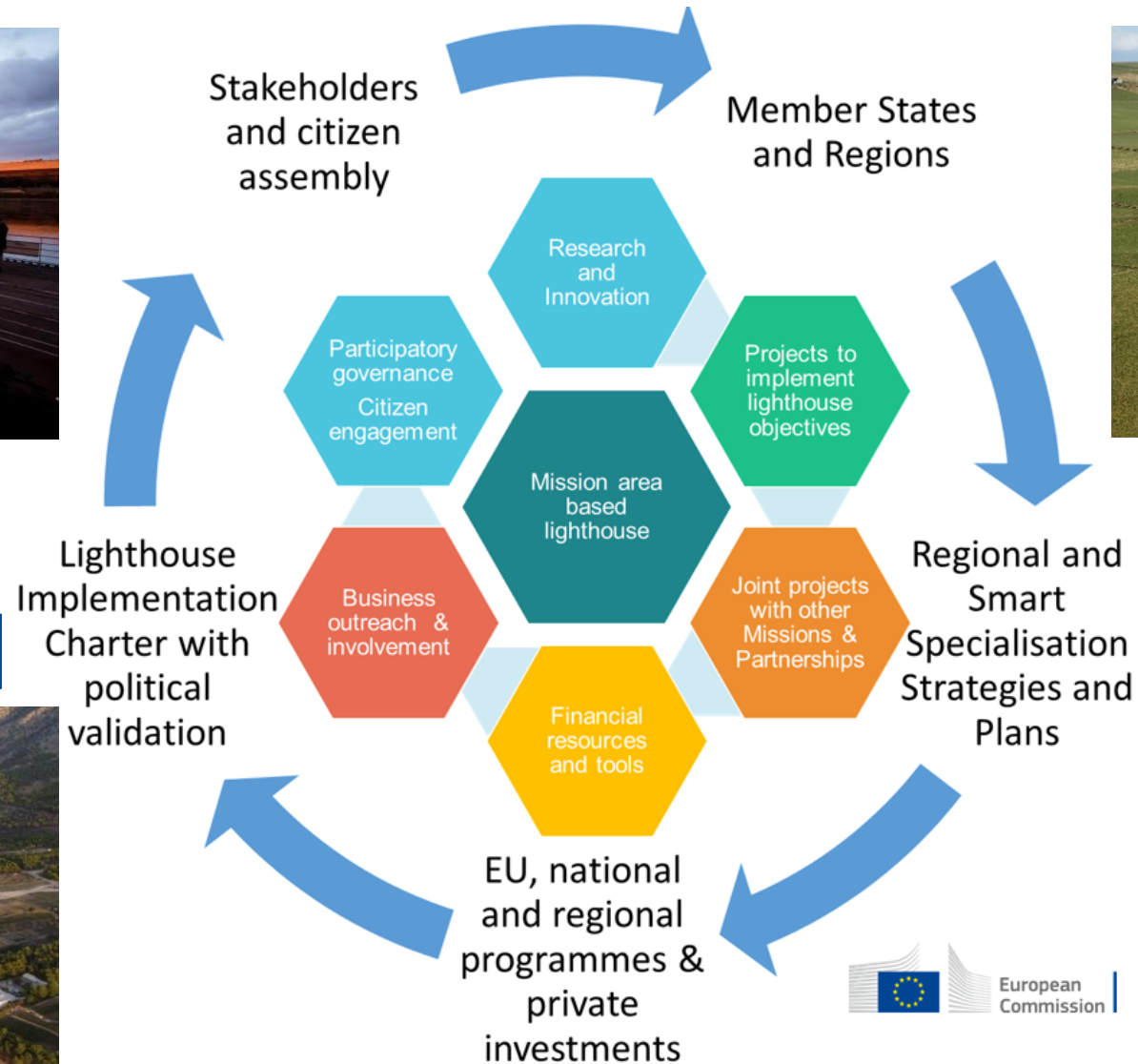
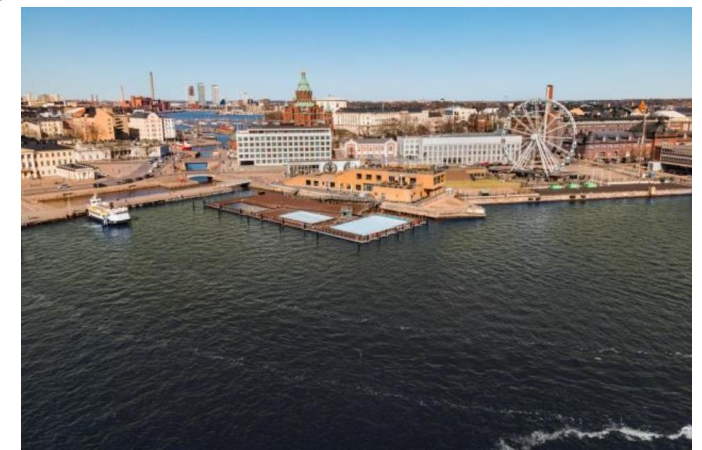
Atlantic & Arctic basin



Mediterranean sea basin



North and Baltic sea basin



Clusters and topics related to the Oceans

digital, industry and space

green, flexible and advanced manufacturing
digital and emerging technologies
world leading data and computing technologies

food, bioeconomy, natural resources, agriculture and environment

environmental observation

agriculture, forestry and rural areas
circular systems
food systems
biodiversity and natural resources

seas, oceans and inland waters

bio-based innovation systems in the EU

climate, energy and mobility

climate science and solutions
energy systems and grids
communities and cities

industrial competitiveness in transport

smart mobility
energy supply
buildings and industrial facilities in energy
transition

clean, safe and accessible transport and mobility

Research needs for

- Zero emissions in ports
- IT for smart logistics
- Alternative propulsion
 - battery
 - hydrogen
 - ammonia
 - biofuel
 - syntetic fuels

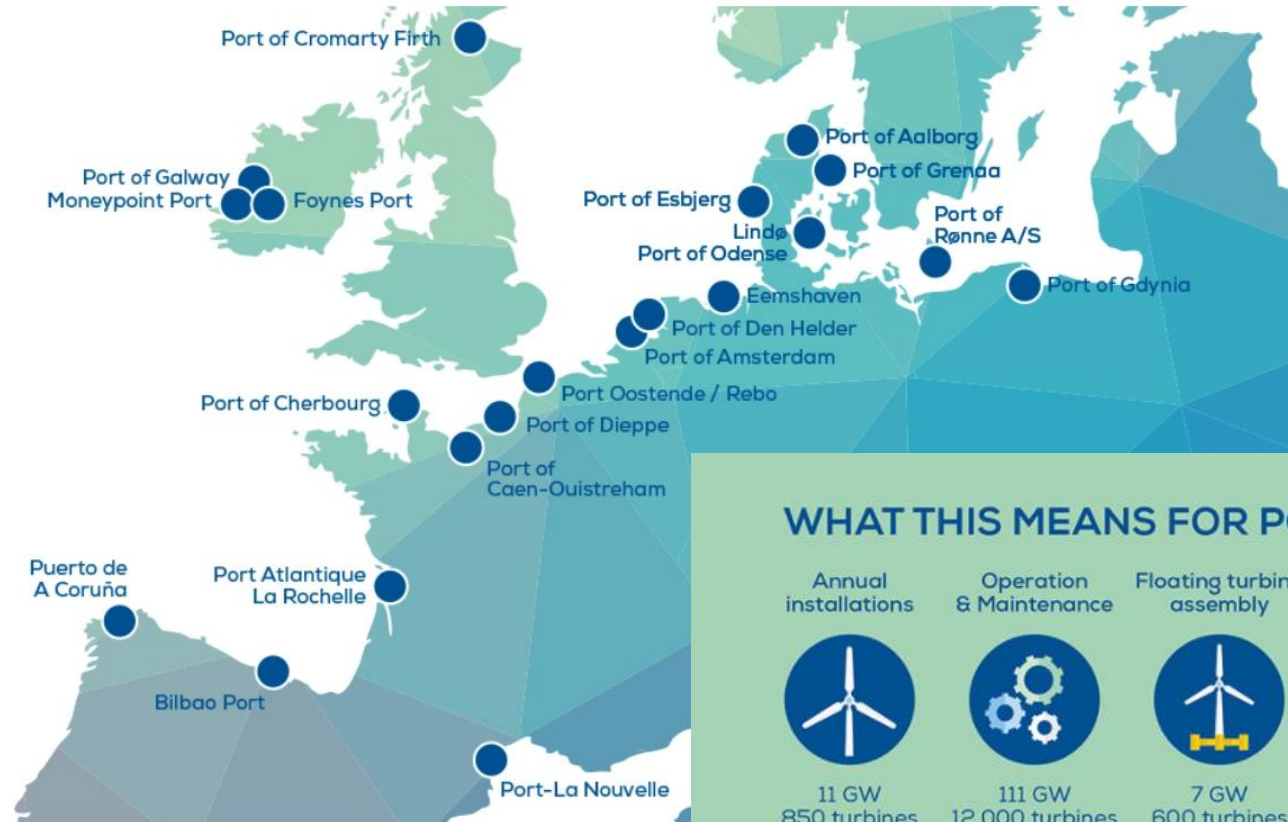


2021-2027

- €1.2 billion cross-border renewable energy window
- Cross-border element
 - a company from one country installing in another
 - shared grid
 - etc.
- Could be blended with InvestEU

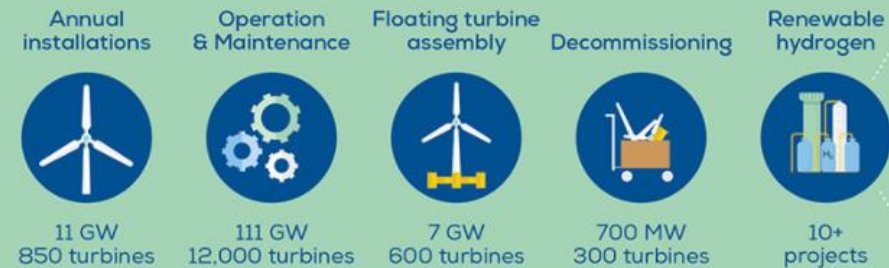


Offshore Wind Ports Platform



- composed of 22 offshore wind ports
- they share knowledge and align on communication priorities
- various activities: energy, cargo, bulk, shipyard, tourism and fishing
- approximately 10% of the total area of the Ports is allocated to offshore wind-related activities

WHAT THIS MEANS FOR PORTS



THE ADVANTAGES OF LOCATING ELECTROLYSERS IN PORTS:

- Proximity to offshore wind farms and landing points;
- Presence of local and regional industrial clusters;
- Multiple opportunities for distribution and export; and
- Helps decarbonise other sectors.

Wind
EUROPE

OFFSHORE WIND
PORTS PLATFORM

INVESTMENT REQUIREMENTS

WITHOUT PROACTIVE INVESTMENTS IN PORTS, THE OFFSHORE WIND SECTOR WILL NOT BE ABLE TO MEET NATIONAL AND INTERNATIONAL TARGETS.

Money should go to port land expansion, reinforcing heavy-loading quaysides and deep-sea harbours, and carrying out other civil works.

€6.5bn
investment

To upgrade or build at least 45 port facilities before 2030

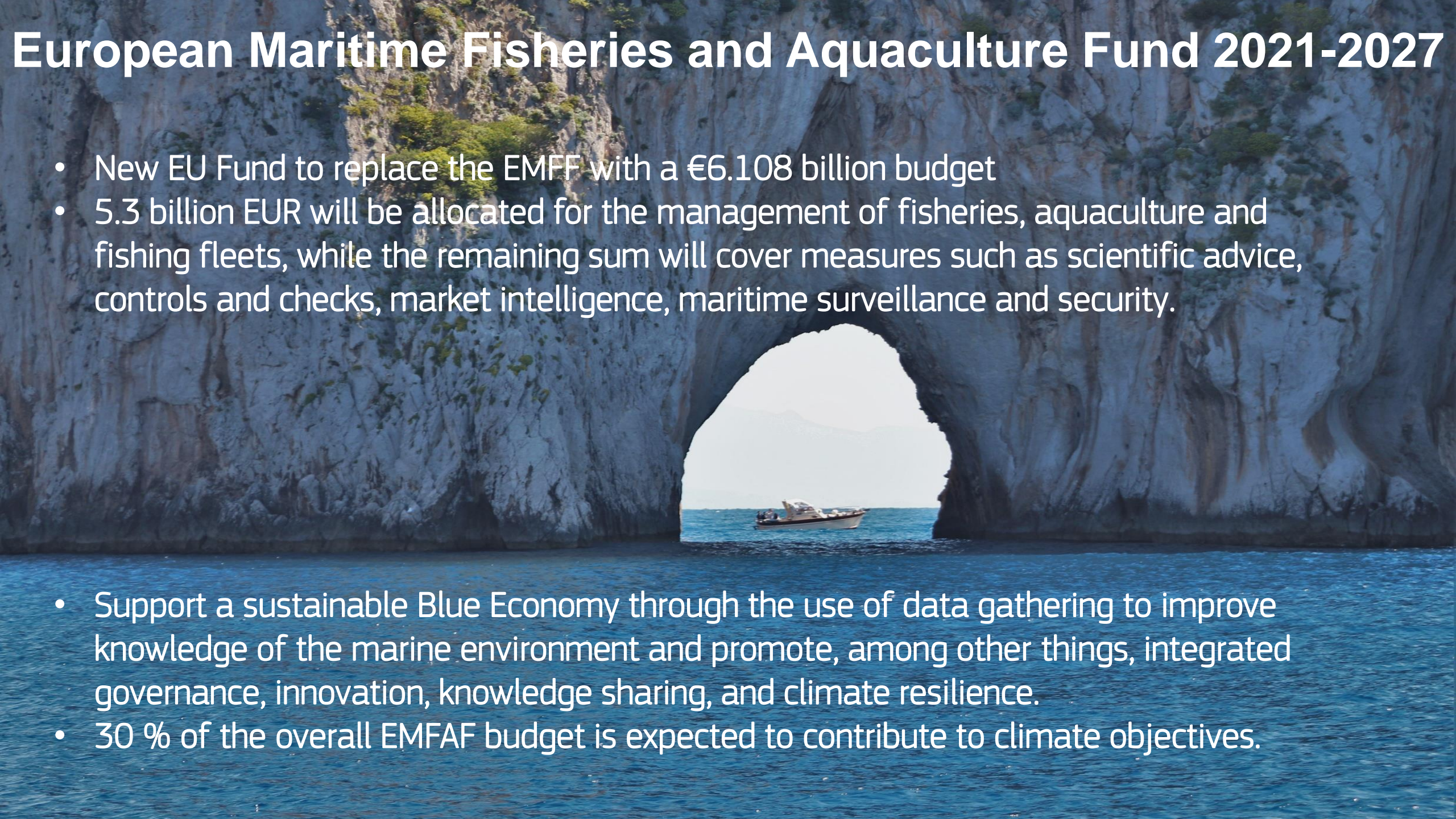
5 years

To pay back the investments

Cost reduction

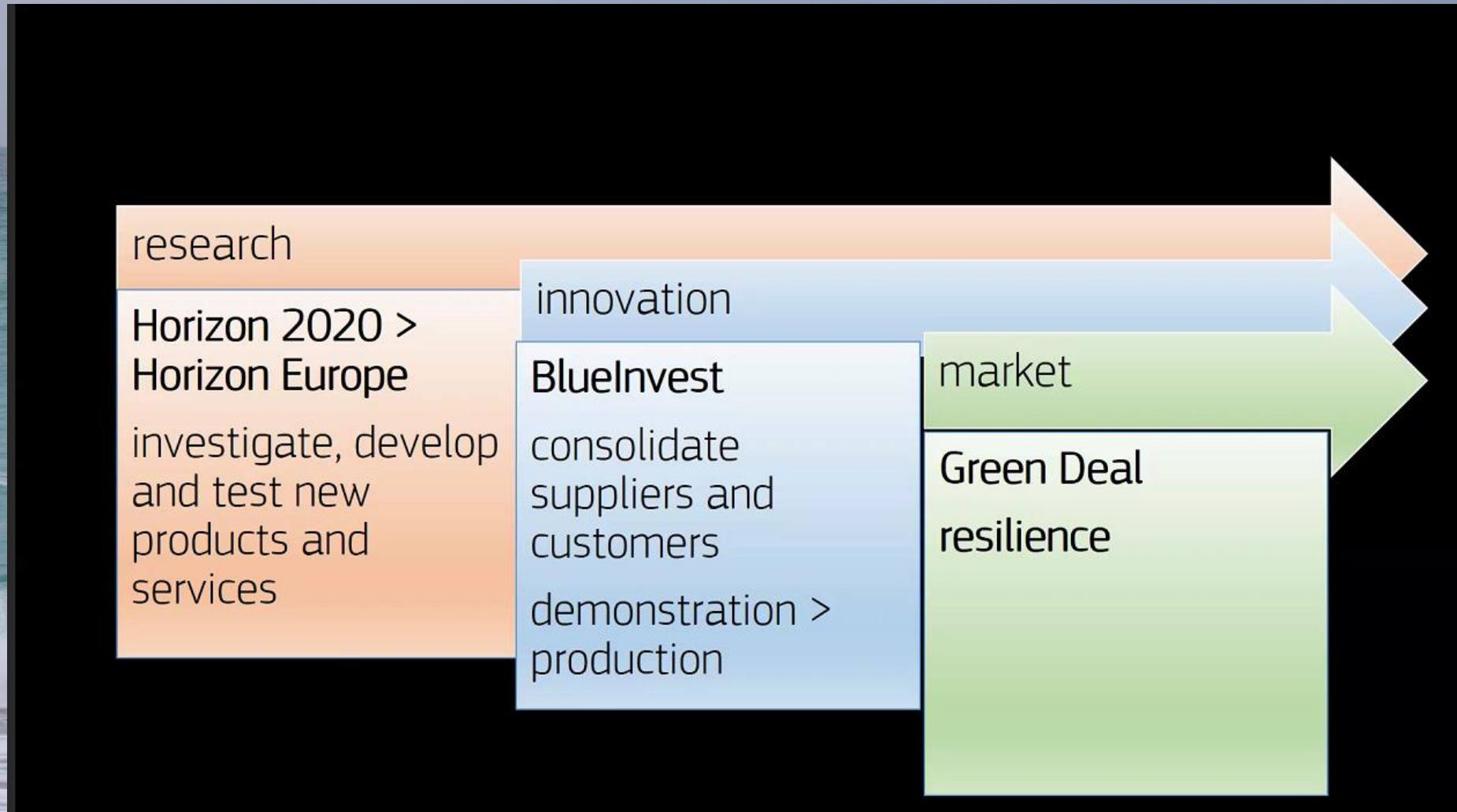
These investments will make offshore wind cheaper and bring massive savings for electricity consumers

European Maritime Fisheries and Aquaculture Fund 2021-2027

- New EU Fund to replace the EMFF with a €6.108 billion budget
 - 5.3 billion EUR will be allocated for the management of fisheries, aquaculture and fishing fleets, while the remaining sum will cover measures such as scientific advice, controls and checks, market intelligence, maritime surveillance and security.
- 
- Support a sustainable Blue Economy through the use of data gathering to improve knowledge of the marine environment and promote, among other things, integrated governance, innovation, knowledge sharing, and climate resilience.
 - 30 % of the overall EMFAF budget is expected to contribute to climate objectives.

BLUEINVEST Projects

From Research to Market



BLUEINVEST FEATURES



BLUEINVEST COMMUNITY



BLUEINVEST EVENTS



BLUEINVEST READINESS ASSISTANCE



BLUEINVEST ACADEMY



BLUEINVEST FUND



BLUEINVEST PROJECT PIPELINE





BLUEINVEST READINESS ASSISTANCE

Exclusive coaching programme for high potential start-ups and SMEs with innovative and sustainable products and solutions for the Blue Economy.

Projects selected for Investment Readiness Assistance receive tailored coaching packages toward their business objectives. The programme is impact-driven, providing business support to help startups and SMEs build capacities for growth and attract investment.

BLUEINVEST PROJECT PIPELINE

Showcase of innovative projects and entrepreneurs who are shaping the Blue Economy.

Projects consist of innovative and scalable business ventures from traditional and emerging sectors of the maritime economy.



BLUEINVEST TRACK RECORD – FOCUS ON PORTS

COMPANIES WITH POTENTIAL TO CATER TO THE NEEDS OF PORTS

Companies with potential to cater to the needs of ports receiving tailored coaching services:

| | |
|----------------------------|--------------|
| SHIPBUILDING & SHIP REPAIR | 13 COMPANIES |
| TRANSPORT | 4 COMPANIES |
| ICT FOR MARITIME | 19 COMPANIES |
| KEY ENABLING TECHNOLOGIES | 10 COMPANIES |

Companies with potential to cater to the needs of ports showcased on the BlueInvest Project Pipeline:

| | |
|----------------------------|--------------|
| SHIPBUILDING & SHIP REPAIR | 15 COMPANIES |
| TRANSPORT | 29 COMPANIES |
| ICT FOR MARITIME | 19 COMPANIES |
| KEY ENABLING TECHNOLOGIES | 5 COMPANIES |



BLUEINVEST TRACK RECORD – FOCUS ON PORTS

BLUEINVEST COMPANIES WITH PORTS-ORIENTED SOLUTIONS



Platform for AUtomatically LinKing Agents (PAULA) facilitating data exchange in real time among all the agents that participate in the processes of port calls, Spain.



Smart Port as a Service reduces ship turnaround times, emissions and costs for all players through digitalization, automation and optimization of port operations, Finland.



Autonomous unmanned robot vessels operate in swarm and collect, store and transport ocean waste, Belgium.



Perseus developed by Marine Fields interconnects maritime actors to allow data sharing and collaboration, Cyprus.



Control of users' commercial planning processes, optimization of vessels' utilisation, including port rotation, Finland.





READY FOR GROWTH

Assistance for investment and market readiness

BlueInvest Readiness Assistance targets start-ups and SMEs with innovative and disruptive technologies and solutions, particularly those linked to environmental, social and sustainable development goals.

A sound business model, clear strategy to execution and a good mentor are fundamental to growing your business. BlueInvest matches you to the right expertise to help you scale up and gain access to finance.

9 Readiness Assistance Cycles for 200 projects

from Aug 2019 to May 2022

Call open for Cycle 8 - Deadline 30 July 2021.

Website: blue-invest.eu

**BLUE
INVEST**

Thank you for your attention !



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