

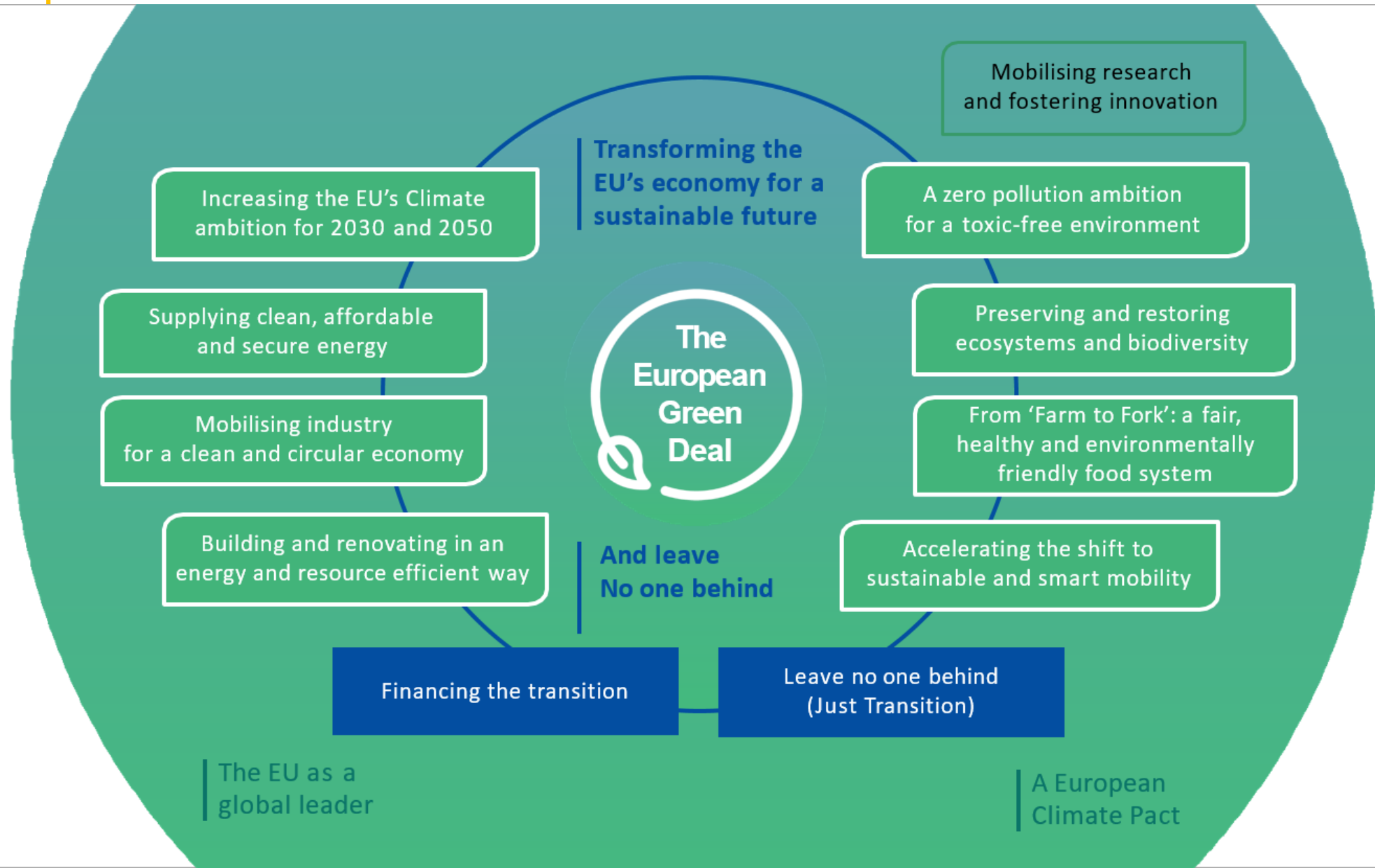


Interregional Cooperation for Blue Growth Conference

15 December 2021

Andreea Strachinescu, DG MARE, European Commission

The European Green Deal



Designing a set of
deeply
transformative
policies

Horizon Europe R&I
cuts across all
policies



New approach to a sustainable Blue Economy: Transforming blue economy value chains

Decarbonisation

- Explore full potential of offshore renewable energy
- Transition to zero emission vessels
- Transform ports into 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...

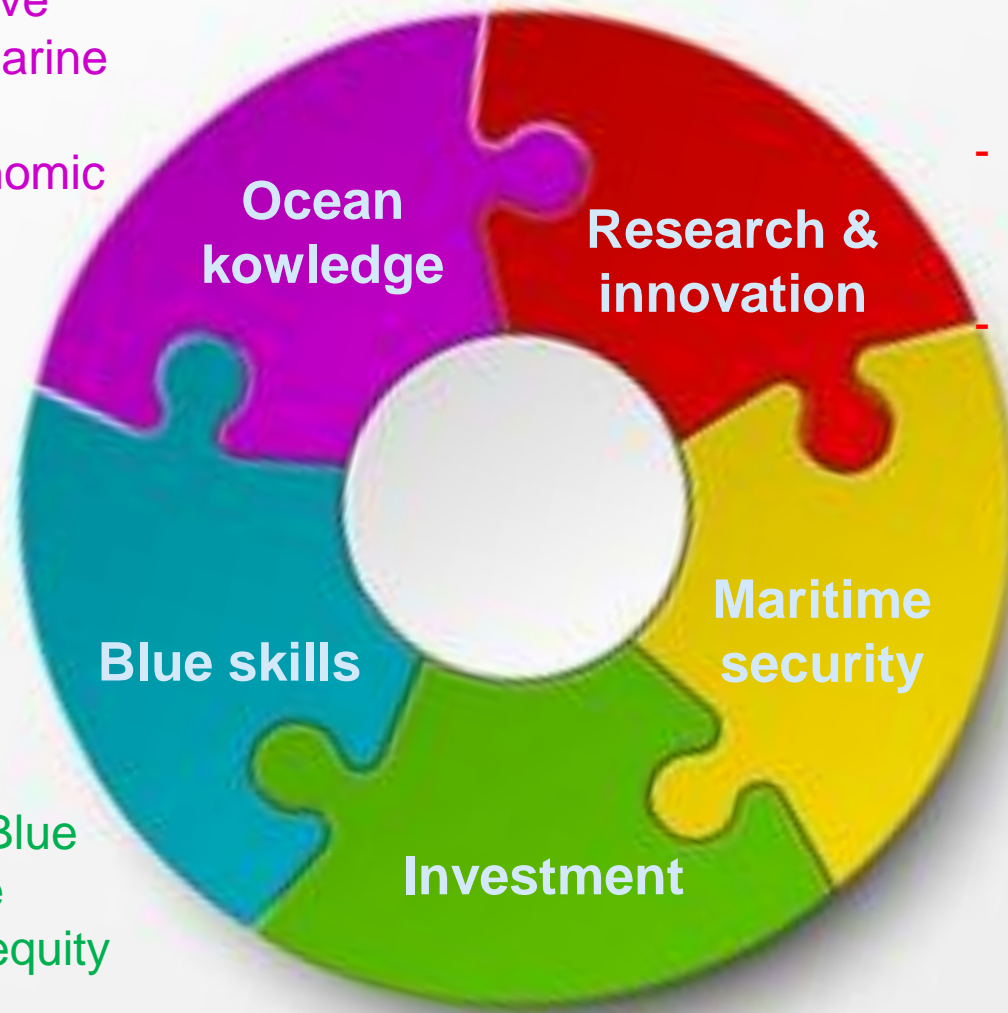
Circularity

- 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...

Support innovation and investment, ocean science and knowledge - Horizon Europe

Setting the right conditions

- Ocean observation initiative
- Expanded Copernicus marine service
- Blue observatory on economic data
- Skills partnerships
- Dedicated calls for proposal on blue careers and women in blue economy
- Working conditions (ILO/IMO)
- Taxonomy / Sustainable Blue Economy Finance Initiative
- BlueInvest Platform and equity fund; EIB /EIF
- ESIF (incl. EMFAF) and RRF

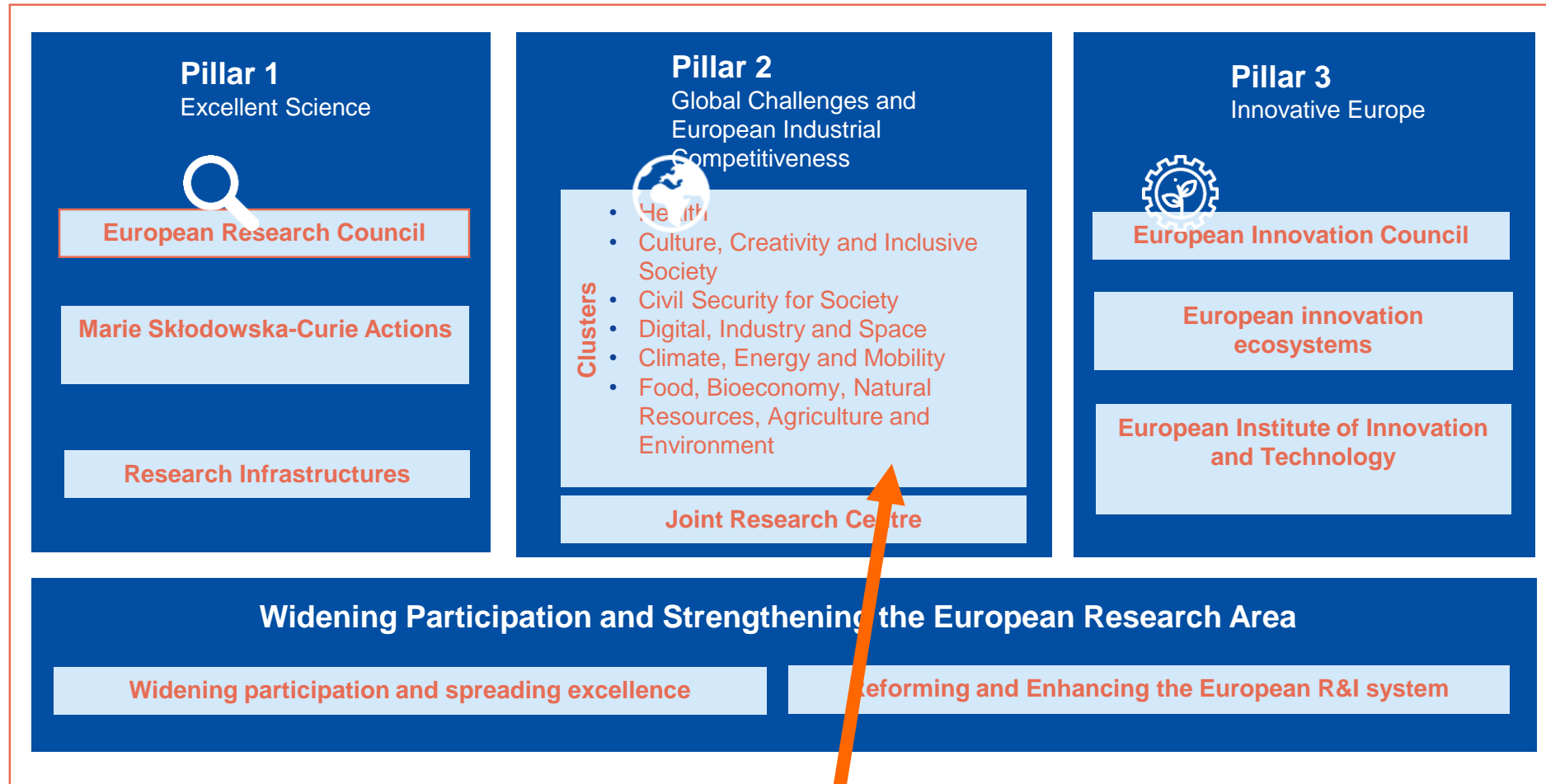


- European partnership for a climate-neutral, sustainable and productive blue economy
- Candidate mission « Healthy oceans, seas, coastal and inland waters »
- Smart specialisation
- EU maritime security strategy
- Coastguard cooperation
- CISE operational phase

MOBILISING RESEARCH & FOSTERING INNOVATION

- At least **35% of Horizon Europe funding** for climate solutions
- Horizon 2020 **Green Deal Call** of **€1 billion**
- Four '**Green Deal missions**' (climate adaptation, oceans, cities and soil)
- **Several European Partnerships** with industry and Member States
- **European Institute of Innovation and Technology** support to young researchers and innovators
- **European Innovation Council** focused on radically new, breakthrough products, services and processes
- **Data and digital infrastructure** in support of the ecological transition

Horizon Europe: structure



5 MISSIONS

- 1) Adaptation to climate change
- 2) Mission cancer
- 3) Restore our Ocean and waters

- 4) 100 climate-neutral and smart cities
- 5) A soil deal for Europe



Mission challenges

Man-made changes are putting our ocean and waters at a serious risk!

- Pollution
- Biodiversity loss
- Extreme weather events such as floods, droughts and heatwaves



Mission opportunities

- **Climate neutrality:** the ocean and waters are major carbon sinks and are essential for adaptation to climate change
- **Biodiversity:** the ocean and waters are home to a rich diversity of species
- **Economic prosperity:** the ocean is estimated to generate €2.5 trillion of goods and services per year by 2030



Restore our ocean and waters by 2030

Mission objective and targets

Protect and restore marine and freshwater ecosystems and biodiversity in line with EU Biodiversity Strategy

Protect a minimum of 30% of the EU's sea area and integrate ecological corridors, as part of a true Trans-European Nature Network.

Strictly protect at least 10% of the EU's sea area

At least 25,000 km of free-flowing rivers are restored

Contribute to relevant upcoming marine nature restoration targets incl. degraded seabed habitats and coastal ecosystems

Prevent and eliminate pollution of our ocean, seas and waters in line with EU Action Plan towards Zero Pollution

Reduce by at least 50% plastic litter at sea

Reduce by at least 30% microplastics released into the environment

Reduce by at least 50% nutrient losses, the use and risk of chemical pesticides

Make the Blue Economy carbon neutral and circular in line with the European Climate Law

Eliminate greenhouse gas emissions from maritime economic activities in the EU and sequester those emissions that cannot be avoided (net zero maritime emissions)

Develop zero-carbon and low-impact aquaculture, and promote circular, low-carbon multi-purpose use of marine and water space.

Mission lighthouses

Danube river basin



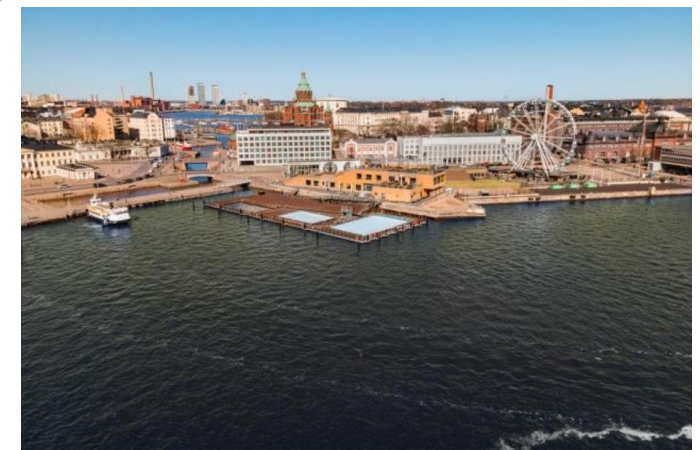
Atlantic & Arctic basin



Mediterranean sea basin



North and Baltic sea basin



Mission implementation phases



Development and Piloting phase 2021-2024

- Mission lighthouses
- Blue Parks Platform
- Piloting and testing of innovative R&I solutions
- Precursor of digital ocean and water knowledge system
- Citizen science, literacy and engagement



2025 Mid-term review



Deployment and upscaling phase 2025-2030

- Scale up projects
- Blue parks conservation projects
- Dynamic investment ecosystem
- Digital Ocean and water knowledge system
- Digital Twin Ocean
- Citizen science, literacy and engagement

Mission Ocean and waters work programme under Horizon Europe

Main features

- ✓ Follows the **impact-driven logic** of Horizon Europe and Support the Mission first phase: «**development and piloting**» for 2021-2025
- ✓ Support major **EU policy objectives**, e.g.: the EU Biodiversity Strategy 2030, the Action Plan toward Zero pollution, the COM on a Sustainable Blue Economy
- ✓ Special focus on «**lighthouses**»: hubs and platforms for the development and deployment of transformative innovations (technological, social, business, governance) in **4 main basins**:
 - **Atlantic and Arctic**
 - **Baltic and North Sea**
 - **Mediterranean Sea**
 - **Danube River**
- ✓ WP 2021 expected to be adopted in December 2021; WP 2022 now in preparation

Mission Ocean and waters work programme under Horizon Europe

Type of Actions

✓ **Innovation Actions:**

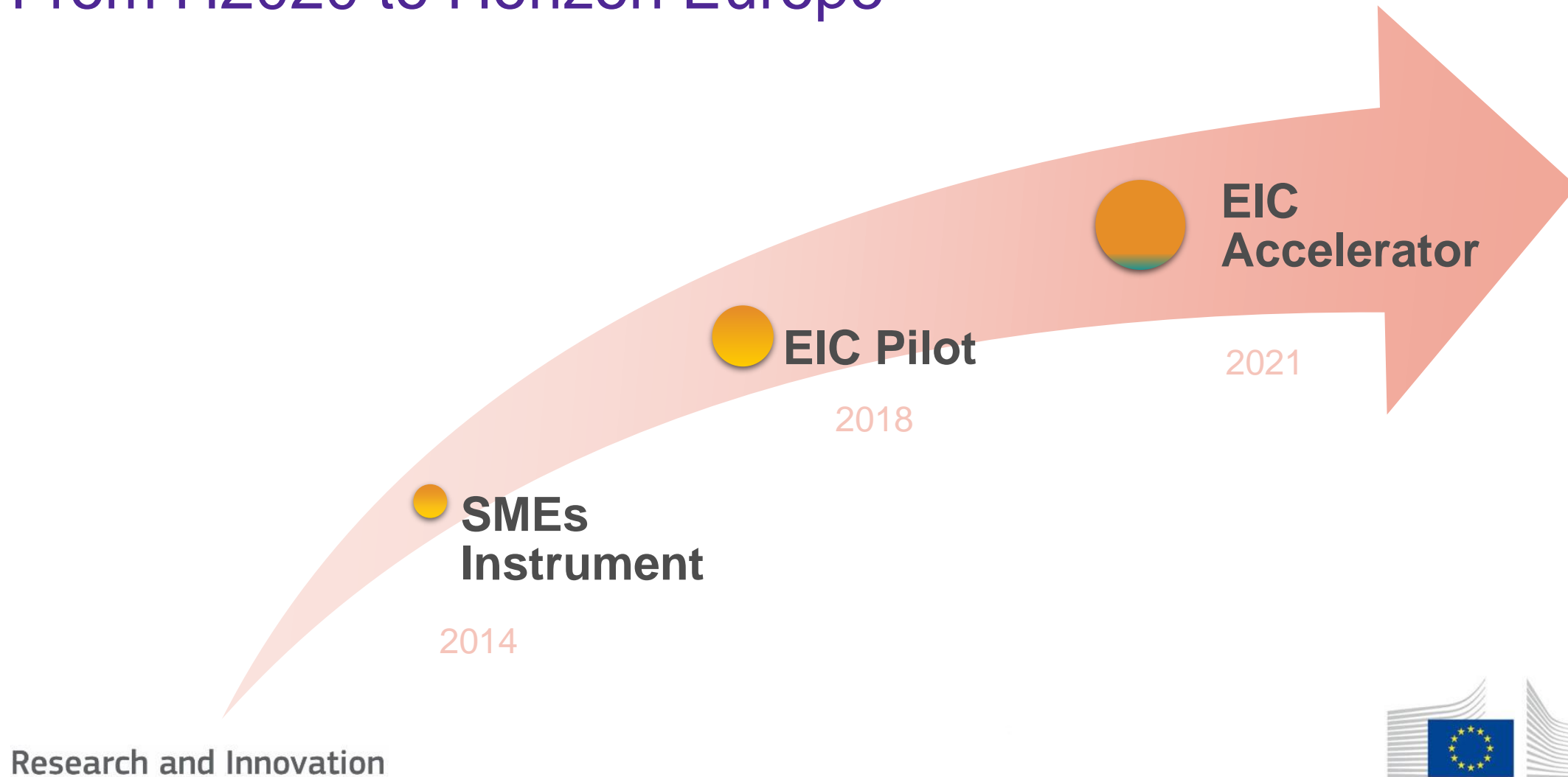
- Demonstrate the technical, economic and/or societal viability of innovative solutions in a (near to) operational environment (validation, testing, demonstration, prototyping, piloting, and market replication activities) - TRL 5 to 7
- At least 5 *associated regions* to showcase the feasibility, replicability and scale up of innovative solutions
- Citizens' engagement and users' involvement
- Ideally building on previous successful RIAs

✓ **Research and Innovation Actions:** foresight study on young generations and their relation with the sea;

✓ **Coordination and Support Actions:** Lighthouses coordination and networking; citizen science activities;

✓ **Public procurements:** studies and monitoring; technical assistance; communication

From H2020 to Horizon Europe



Accelerator Pilot

Building on SME Instrument

- **Individual SMEs high-risk, high-growth potential** aimed at creating new markets
- **Substantial funding** for the last stages of development
- **Bottom-up: all sectors**, products, services, new business models
- **Development (TRL 5/6-8), deployment and scale-up (TRL 9)**

From grant to blended finance

- **Grant:** Early-stage innovation for
- **Equity:** Early-stage and mature innovation for **scale up**

EIC Accelerator – What support can you receive?

01 Investment component

- minimum EUR 0.5 million and maximum EUR 15 million,
- usually in the form of equity,
- maximum 25% of the voting shares of the company,
- normally with a long average perspective (7-10 years).

02 Grant component

- minimum EUR 0.5 million and maximum EUR 2.5 million,
- eligible costs are reimbursed up to a maximum of 70%,
- innovation activities supported should be completed within 24 months,
- small mid-caps are not eligible for grant (but can apply for investment only).

EIC greatest asset



5700+ SMEs



~750 Pathfinder researchers



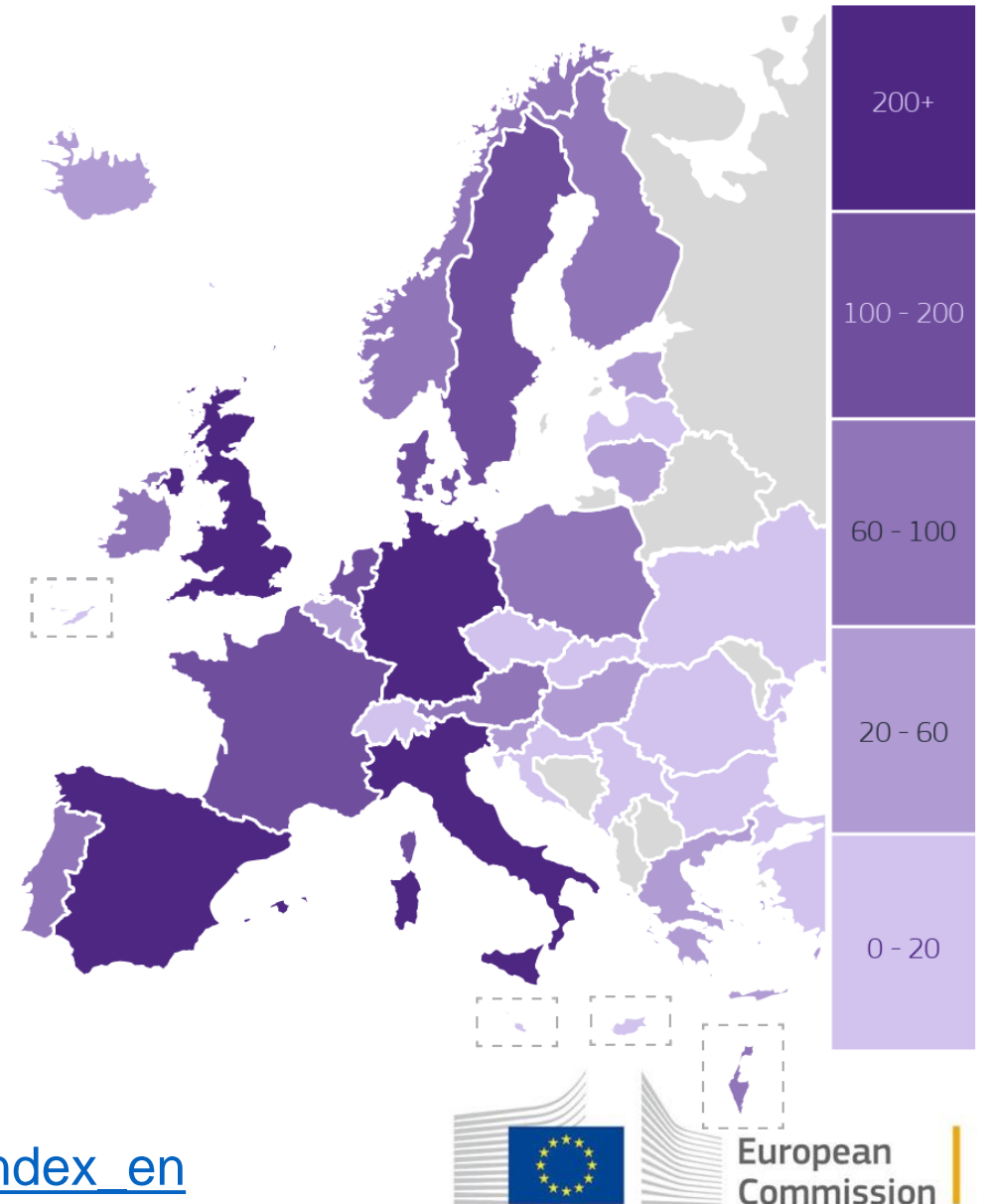
3 billion in funding (0,5bn in equity)



3% - 5% success rate



All sectors



Useful links and documents

- [The Work programme](#)
- [The Guidelines for applicants](#)

For further information

- [new EIC website](#)
- [EIC newsletter](#)
- [National Contact Points \(NCPs\)](#)
- [European Enterprise Network \(EEN\)](#)

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For companies active in marine/maritime sectors, our BlueInvest initiative may be interesting.

- BlueInvest was launched by the European Commission in April 2019, with the goal to foster investment, innovation and sustainable growth in the blue economy by providing support to innovative SMEs and start-ups active in the blue economy sectors.
- Its features include an online community, investment readiness assistance, matchmaking, investor outreach and engagement, an academy, a projects pipeline and a BlueInvest Fund.
- Helps to meet EU Green deal and SBE objectives by connecting innovation, investment and impact and supporting technologies that address sustainability and climate change challenges.

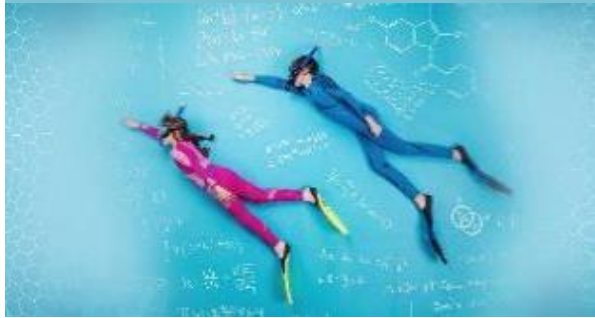
BLUEINVEST FEATURES



BLUEINVEST COMMUNITY



BLUEINVEST ACADEMY



BLUEINVEST EVENTS



BLUEINVEST PROJECT PIPELINE



BLUEINVEST READINESS ASSISTANCE



BLUEINVEST COACHES



BLUEINVEST GRANTS



BLUEINVEST FUND





MARITIME FORUM



European Commission > Maritime Forum > Pipeline projects list > Pipeline projects

Themes



Communities

Search

F.A.Q

EU Login

Pipeline projects

Register as investor

Filter by keywords

Filter by company type

Choose some options

Filter by country

Choose some options

Filter by sector

Ocean waste management

Filter by TRL

Choose some options

Assistance beneficiary

- Any -



Previous EU support

- Any -



Apply

Project name

Countries

Project one-liner

Markets

BIOFABRIK

Germany

Plastic catalytic depolymerization

Ocean waste management, Other

BioThoT

France

Biomass management and processing

Aquaculture, Blue biotechnology, Fisheries, Ocean waste management

Blue Circular PostBranding
Project

Portugal

Apparel and textile development from ocean waste
collected by local fishing boats.

Ocean waste management



COMMUNITY

1174

Community members

34

Events

3399

B2B meetings

92%

Satisfaction



READINESS ASSISTANCE

201

Beneficiaries

63

Testimonials

50

Success stories

173

BlueInvest coaches

97%

Satisfaction



PROJECT PIPELINE

227

Companies featured

2090

Projects in the database

54

Investors registered on the project pipeline

100+ introductions
to interested investors



INVESTORS

255

Investors engaged

1240

Investors informed on blue economy opportunities

39

Club of Investors

30+

Sustainable & blue funds introduced



INVESTMENT LANDSCAPE

€300 million

Raised by the BlueInvest Fund

5

BlueInvest Funds selected

€ 42,5 million

BlueInvest Grants

24

BlueInvest companies have closed an investment round



- 01 Increased** awareness and facilitated deals for blue tech
- 02 Established** a dedicated financial ecosystem for SBE
- 03 Mobilised** and enabled a community of SMEs, startups and business coaches and stakeholders
- 04 Promoted** the EU blue economy, its market opportunities and innovation linked to the EU Green Deal

EMFF Blue Economy Window Call 2020



WHO CAN APPLY?

Minimum 1
SME from an
EU Member States



HOW MUCH FINANCIAL SUPPORT CAN YOU EXPECT?

70% co-funding rate.
Indicative requested contribution between
€ 700.000 and € 2.500.000



WHAT ARE WE LOOKING FOR?

Close to market activities (TRL 6-8)

Innovation & impact-oriented investment

Strong management teams

Support from investors or customers

Find all projects here:
<https://emff.easme-web.eu/>

Call closed in February 2021



The BlueInvest Fund

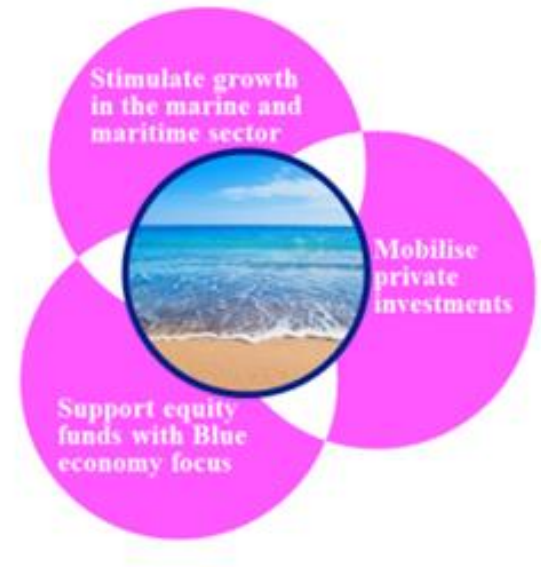
In 2020 the European Commission partnered with the EIF to launch the EUR 75m BlueInvest Fund in order to support innovative blue economy companies.

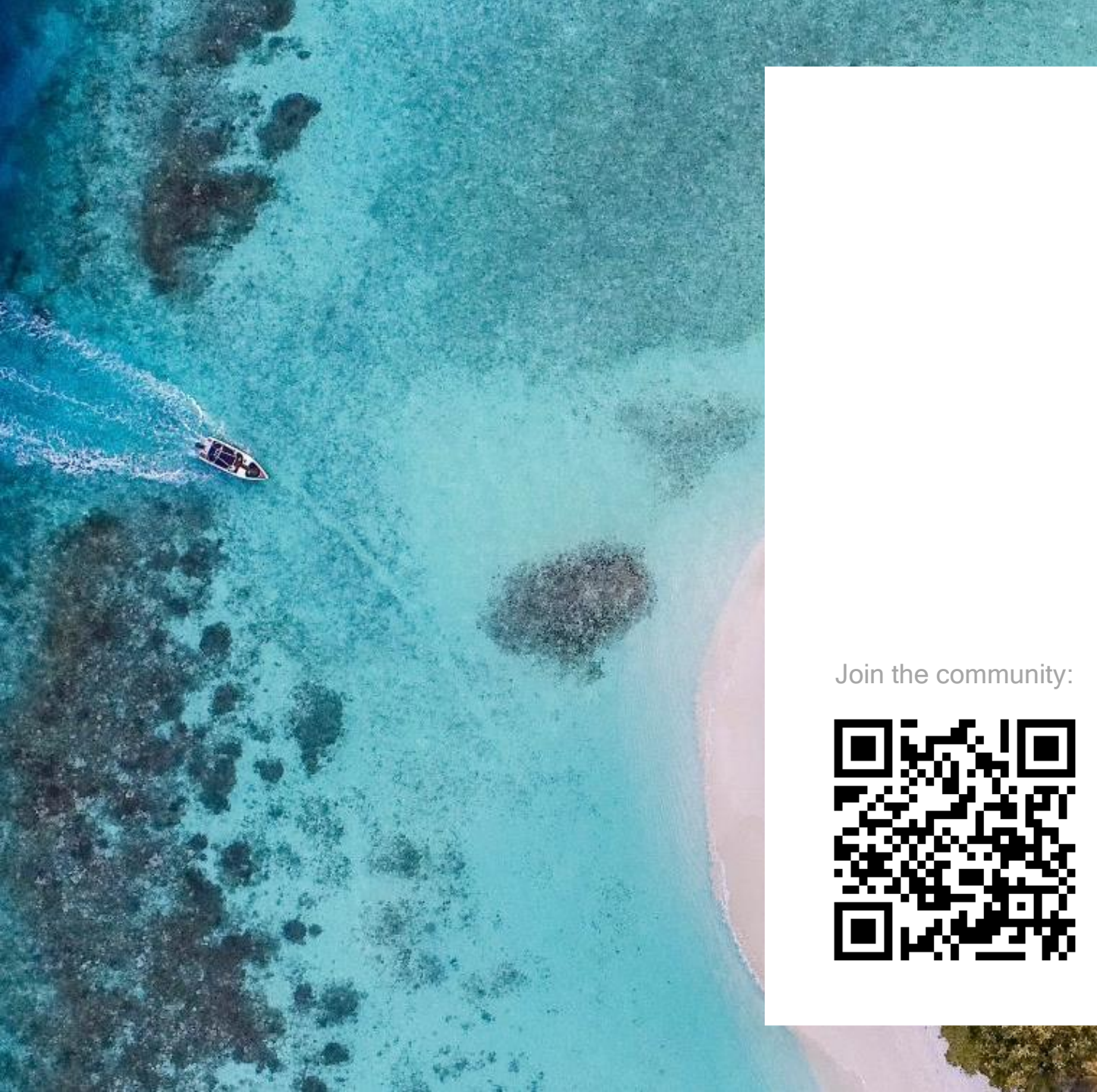
BlueInvest Fund was structured under the European Fund for Strategic Investment (EFSI) Equity Product with an EFSI guarantee of €75 million.

Based on a call to fund managers, four deals were approved amounting to €85 million (including EIF Own Resources) as well as a 5th of €15 million under InnovFin Equity

The funds are: Blue Horizon Ventures, Ocean 14, Sofinnova Industrial Biotech Fund, Good Harvest Fund. They will match these funds with their own capital.

The total expected amount of capital that will be mobilised by the funds into the Blue Economy is €300 million to be allocated to companies/projects until 2026.





Join the community:



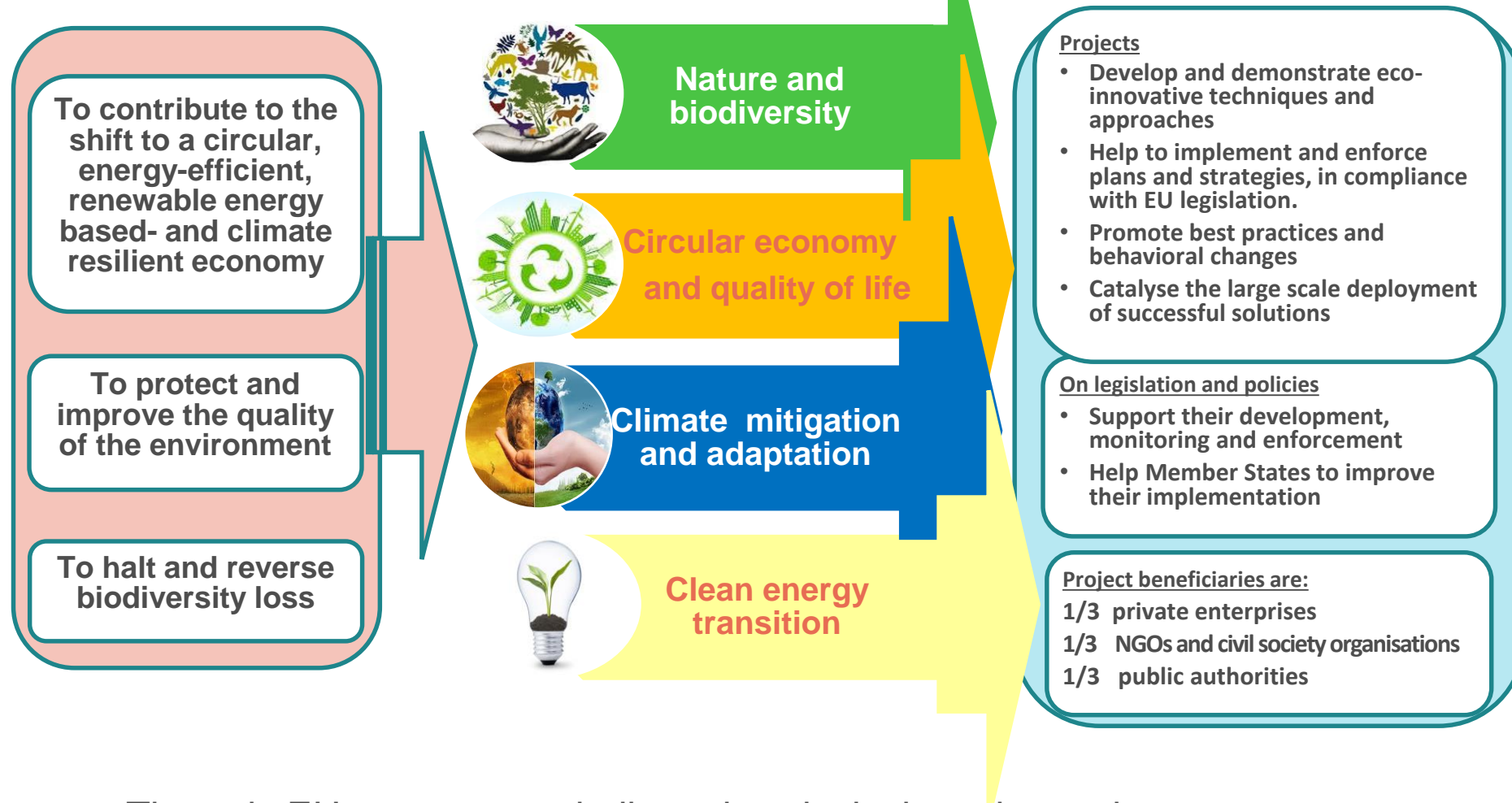
EIB – European Investment Bank



EIB Clean and Sustainable Ocean Programme

- **EIB Blue Sustainable Ocean Strategy (“Blue SOS”)**
 - committed EUR 2.5 billion over the period 2019-2023, aims to improve the health of the ocean, build stronger coastal environments and boost blue sustainable economic activity by supporting projects in sustainable coastal development and protection, sustainable seafood production, green shipping and blue biotechnology.
- **EIB Clean Oceans Initiative (COI)**
 - committed EUR 2 billion over the period 2018-2023, to reduce the discharge of plastics to the ocean and improve waste management. Although the initiative has a global scope, in the EU, the EIB has financed for instance an improved wastewater treatment in Flanders

The LIFE Programme 2021-2027



- The only EU programme dedicated exclusively to the environment, nature conservation and climate action.
- For the years 2021-2027, a budget of **5.43 billion €**..





EMFF/EMFAF projects

- Mixed portfolio: grants and procurement
- A vast and diverse area of intervention
- Typical project duration: 12 – 36 months
- Typical consortium:
 - 1 - 5 partners
 - private and public bodies (focus on SMEs)

EMFAF – funding opportunities

Call for proposals to boost regional cooperation for a sustainable blue economy

- [Innovative multi-use projects combining offshore renewable energy with other activities and/or with nature protection in the Atlantic.](#)
- [Black Sea blue economy investment and innovation capacity building pilot.](#)
- [Recovery of coastal and maritime tourism in the Western Mediterranean.](#) packages.

Deadline: 12 January 2022

Budget: EUR 3.875 million

Future opportunities

EU Commission Funding & Tenders portal - <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/home>

#Be Green. Go Blue!

Thank you!



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