

OCEAN AND ENVIRONMENTAL TECHNOLOGIES AND SERVICES

Part 1 : Ocean Focus

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9:00 AM to 01:15 PM



STAKEHOLDERS' ENGAGEMENT ON THE BLUE DIGITAL AGENDA

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ROADMAP FOR THE BLU DIGITAL AGENDA

- **To address market failures and fragmentation, we invite regional, national and research stakeholders to enhance co-ordination** and step up funding, via framework loans or direct loans
- **Digital Blue Labs using Recovery Funds** to develop Ocean monitoring systems, infrastructure and technologies are key investments for developing the blue potential
- **Launch studies for the identification** of the gaps



BLUE DIGITAL RESILIENCE READINESS

- Regions which cannot measure blue climate risks cannot manage blue resources, estimated at EUR 650 bn
- **Blue Digital Resilience check-list**
 - measured gaps in ocean monitoring
 - co-ordinated activities with DG-MARE, EUSPA, Ocean OPS and Copernicus Marine Services
 - incubation capabilities for new Blue Technologies
 - set up Blue Digital Indicators to measure impacts: Blue Financial Principles



EIB ELIGIBILITY: FOR BLUE DIGITAL SYSTEMS

All public and private ocean monitoring and protection investments aimed at

- improving the collection and processing of essential ocean variables (EOV)
- expanding the Copernicus Marine Service as an EU reference
- modelling to better monitor live ecosystems and fisheries resources in time and space
- Investments aimed at overcoming fragmentation of ocean observation infrastructure, including space and in-situ capabilities, being part of the Global Ocean Observing System (GOOS) programme and the EOOS (European Ocean Observing System)



EIB ELIGIBILITY: Digital Twin of the Ocean

Innovative digital ocean services, technologies and infrastructure that can enable traditional sectors such as shipping, fisheries and tourism to improve their sustainability and circularity. Examples:

- development of new automated sensors and autonomous platforms for ocean services
- application of big data and artificial intelligence technologies for improving data sharing on ocean management
- Blue Research and Education infrastructures
- Digital systems to improve search and rescue at sea



NEXT STEPS

If some European regional or national authorities or institutions have a project related to the Digital Blue Agenda to submit to us, we would undertake a due-diligence;

- Verify the stakeholder as a suitable counterpart
- Check its eligibility and help mobilise resources, including advisory services to prepare and appraise the project
- Projects should generally be over at least EUR 20 m (for public projects) EUR 10 m for private projects
- They should be related to one of the fields indicated before
- **Contact us to submit the initial proposal**
- **Start setting up the Digital Blue Lab conditions**



DIGITAL BLUE LABs

Engagement to measure impacts

- Identification of problems to solve and relevant areas
- Alignment with European Blue Policies
- Science and expert based approach via networking actions
- Relevant local Feasibility Study to be conducted
- Local skill upgrading strategy involving local universities
- Incubation centers to be activated involving private sector
- **Sharing of best practices and results**
- **Let us get starting**



Thank you

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