



EUROPEAN UNION

EU MISSIONS



Concrete solutions for our greatest challenges

‘Restore our Ocean and Waters by 2030’

UfM Blue Economy Working Group

#MissionOcean #EUmissions #HorizonEU





What are European Missions?

- European Missions are a new way to bring **concrete solutions** to some of our **greatest challenges**
- They have **ambitious goals** and will deliver **concrete results** by 2030
- Each mission will operate as a **portfolio of actions** – such as research projects, policy measures or even legislative initiatives - to achieve a measurable goal that could not be achieved through individual actions



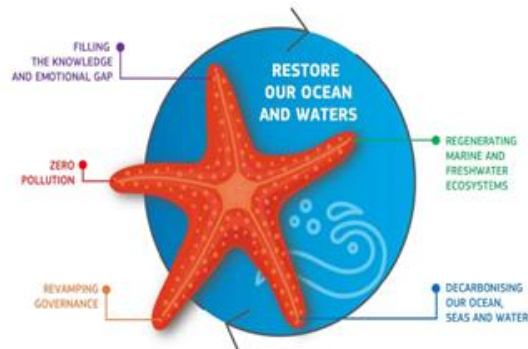
Launch of implementation of European Missions

- On **29 September 2021** the Commission adopted Communication on European Missions
- 5 European Missions were launched, among them **Mission ‘Restore our ocean and waters by 2030’**
- Each Mission has an **Implementation Plan**, with specific timeframe and a budget
- Missions bring **new forms of governance** for a systemic response to societal challenges



European Mission 'Restore our Ocean and Waters by 2030'

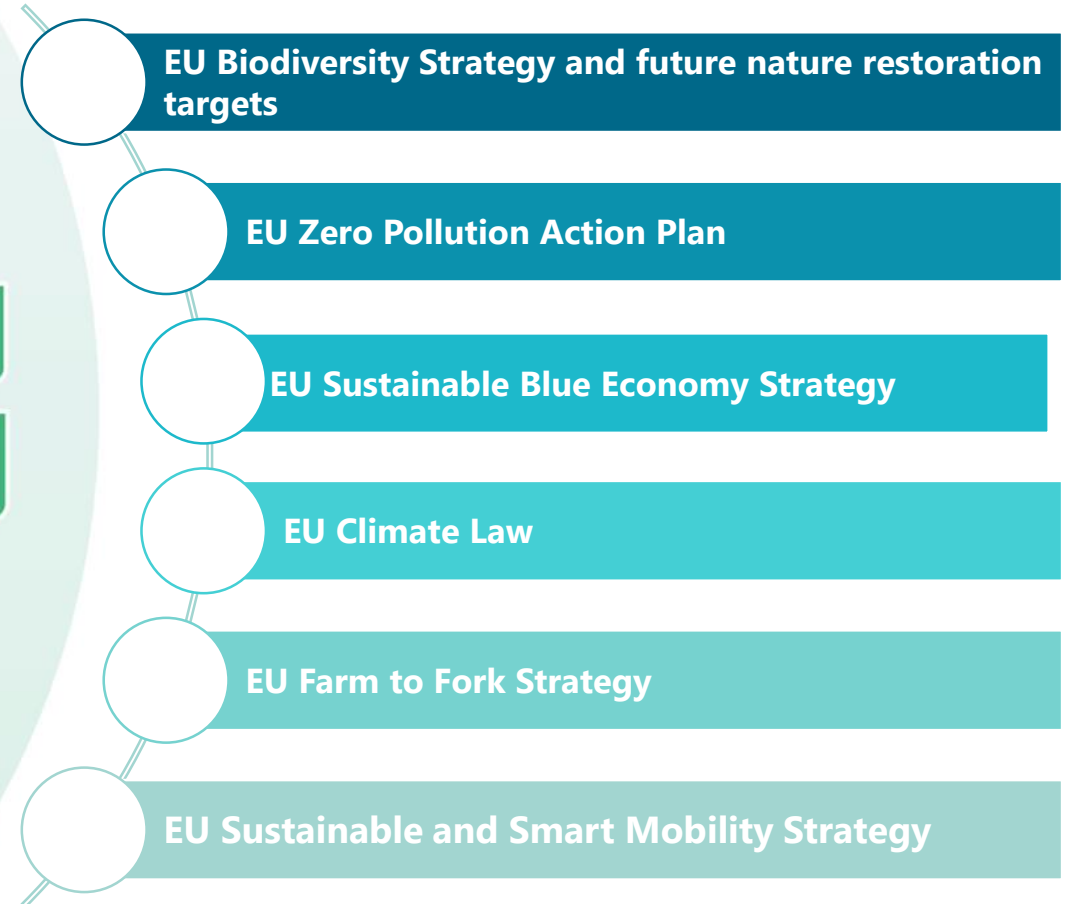
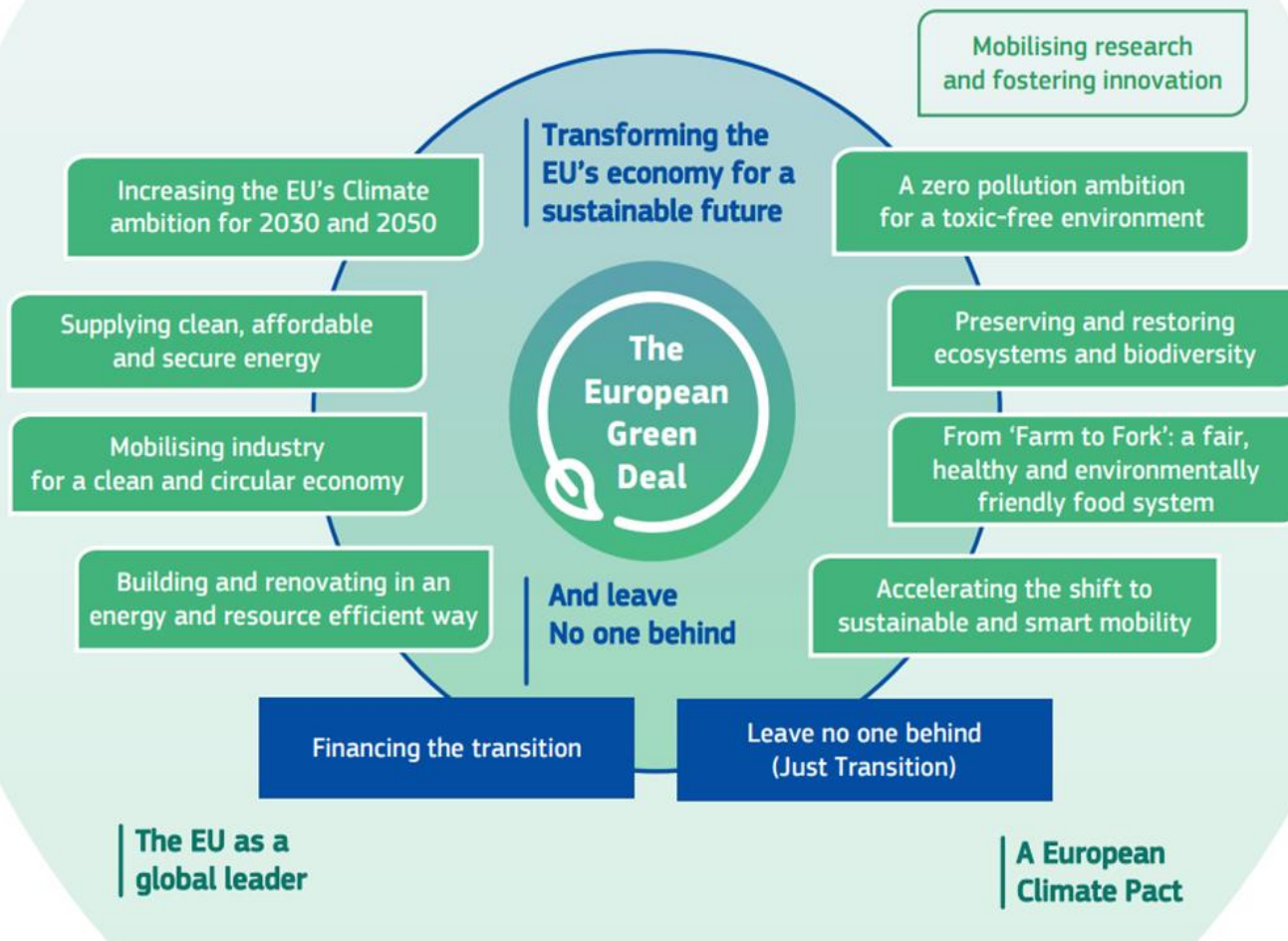
*Systemic path
to restoration of the health of the ocean & waters
as recommended by the
Mission Board in its Starfish report*





Mission 'Restore our ocean and waters by 2030'

The European Union can only fulfil its European Green Deal objectives with a healthy ocean.
A healthy ocean is only possible with a healthy water system.





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



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Mission Intervention Logic





Mission Implementation Phases



Development and Piloting phase . 2021-2024

- Mission lighthouses
- Blue Parks Platform
- Piloting 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



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Mission lighthouses

EU
MISSIONS

Danube river basin



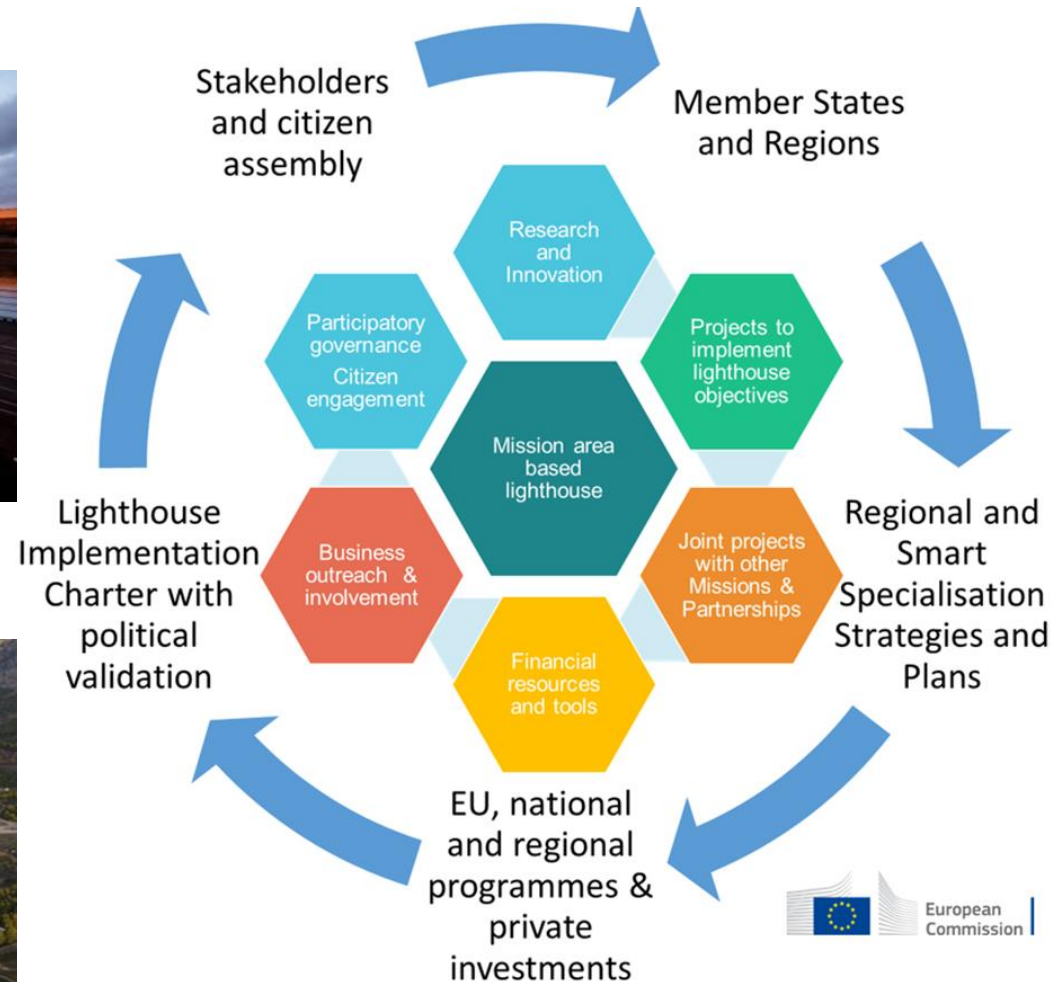
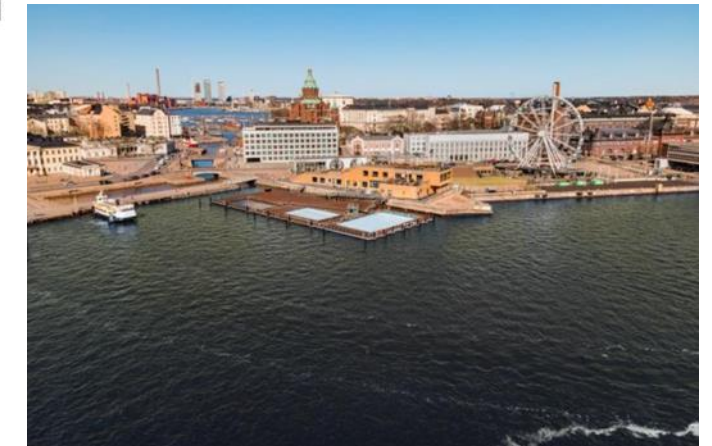
Mediterranean sea basin



Atlantic & Arctic basin

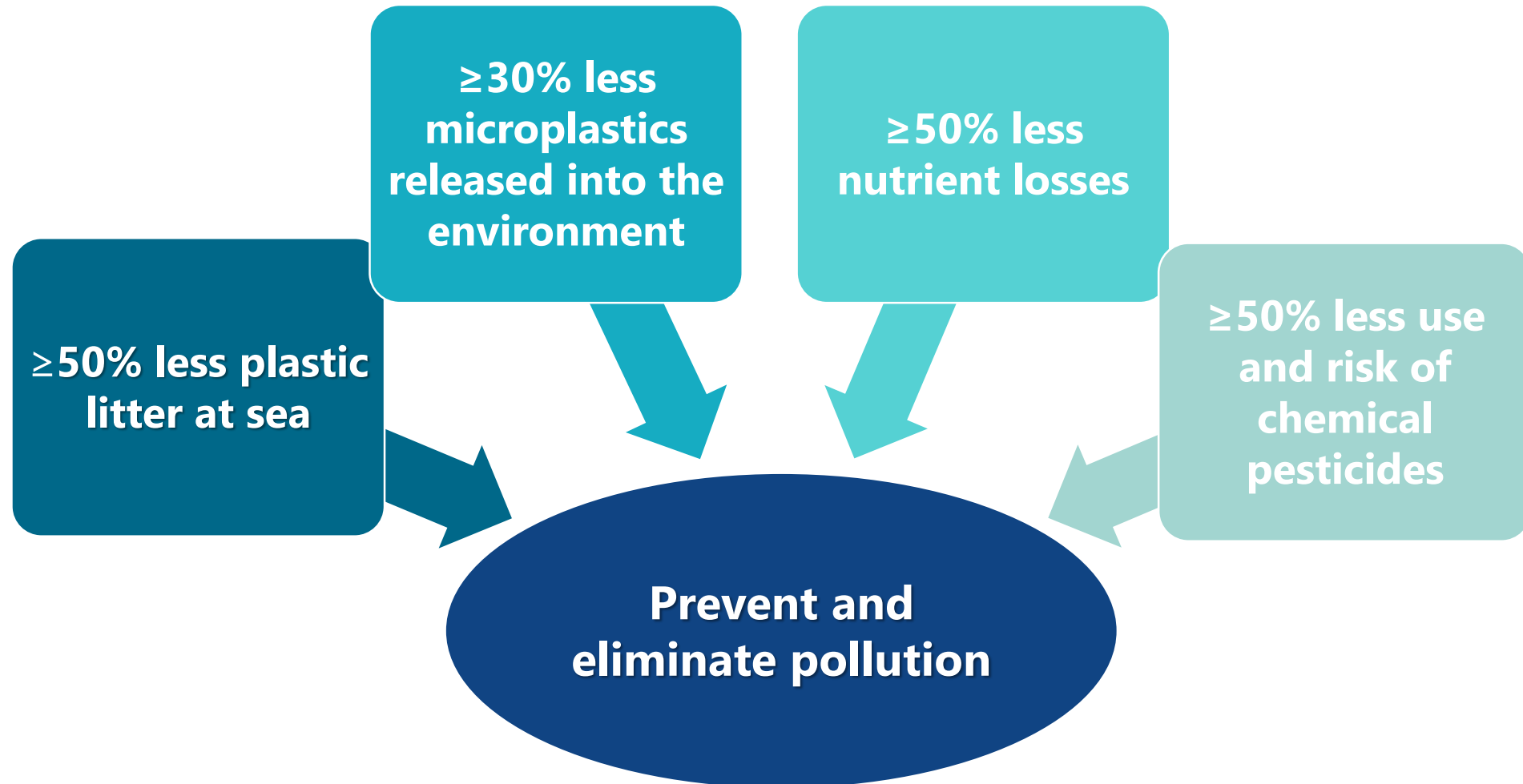


North and Baltic sea basin





Mediterranean sea basin – Pollution lighthouse



Implementing the Mediterranean Sea lighthouse

Lighthouse objectives

- Connect and structure existing activities, disseminate and upscale solutions and mobilise relevant actors.
- Develop and deploy solutions to prevent, minimise, eliminate and monitor pollution in the Mediterranean Sea and its major river catchment areas
- Initial focus on plastic pollution, while agricultural pollution (nutrients) and urban/industrial pollution (chemicals), as well other sources of pollution such as pharmaceuticals and noise will subsequently be addressed

Support from Horizon Europe

- Preparatory steps towards Implementation charters
- Lighthouse technical and financial platforms and coordination activities
- Scalable breakthrough innovations to prevent and minimise marine and freshwater pollution.
- Enabling conditions including citizen assemblies: setting up, piloting and running them

Commitment from lighthouse partners

- The lighthouse partners (Member States, macroregions, regions, international partners, other stakeholders) should define, based on existing agreements, concrete measures for the basin for pollution reduction.
- Commit partners to addressing the Mission objectives including through their own programmes, instruments and initiatives



Next steps in the Mission implementation

**Implementation of
Mission lighthouses
& Blue Parks
technical support**

**Lighthouse
Implementation
Charters**

**1st Horizon Europe
Work programme
for Mission**

**Communication,
outreach, literacy &
citizen engagement**

**Actions to support
digital ocean and
water knowledge
system**

MEDITERRANEAN LIGHTHOUSE - Roadmap





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Thank you!

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