



EU-funded fisheries research and innovation

The **Healthy Seas and Oceans** Unit within the **Healthy Planet** Directorate defines and implements fisheries research and innovation objectives and priorities to support the Integrated Maritime Policy and in particular the Common Fisheries Policy.

EU Research and Innovation is funded through multiannual Framework Programmes.

Horizon 2020 from 2014 to 2020

Horizon Europe from 2021 to 2027



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Head of Unit B4

DG Research and Innovation

Supporting the elimination of discards in European Fisheries

- Avoidance of unwanted catches
- Handling of unavoidable unwanted catches
- Study of effects on marine ecosystems



Relevant EU research and innovation funded projects



Strategies for the gradual elimination of discards in European fisheries



MINOUW

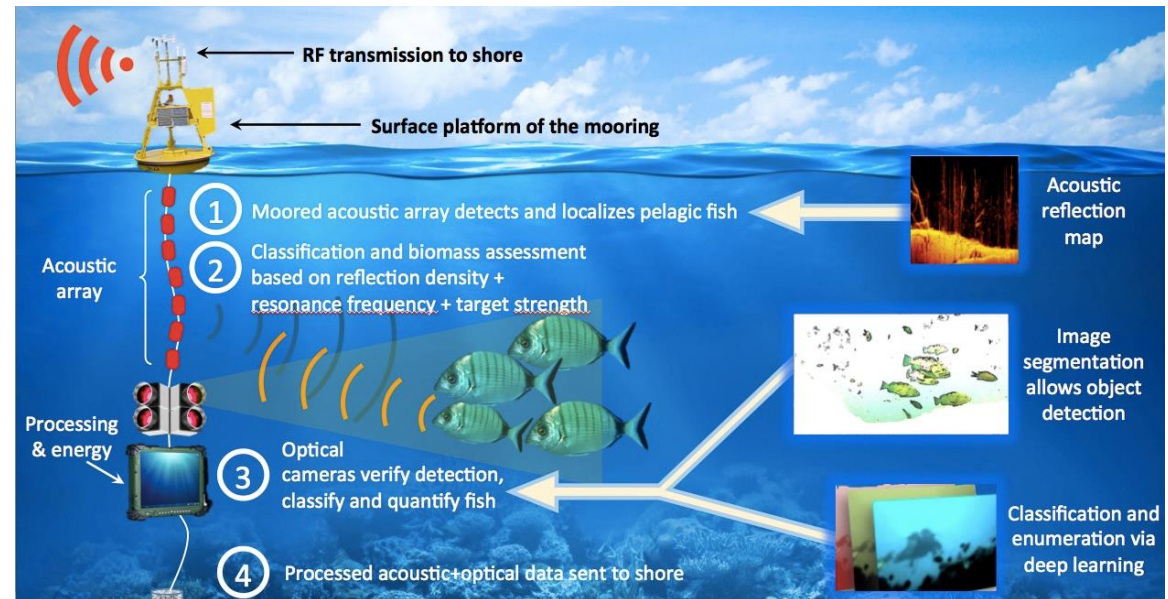
Creating a positive change in the sea

Science, Technology, and Society Initiative to minimize Unwanted Catches in European Fisheries

New technologies in fisheries



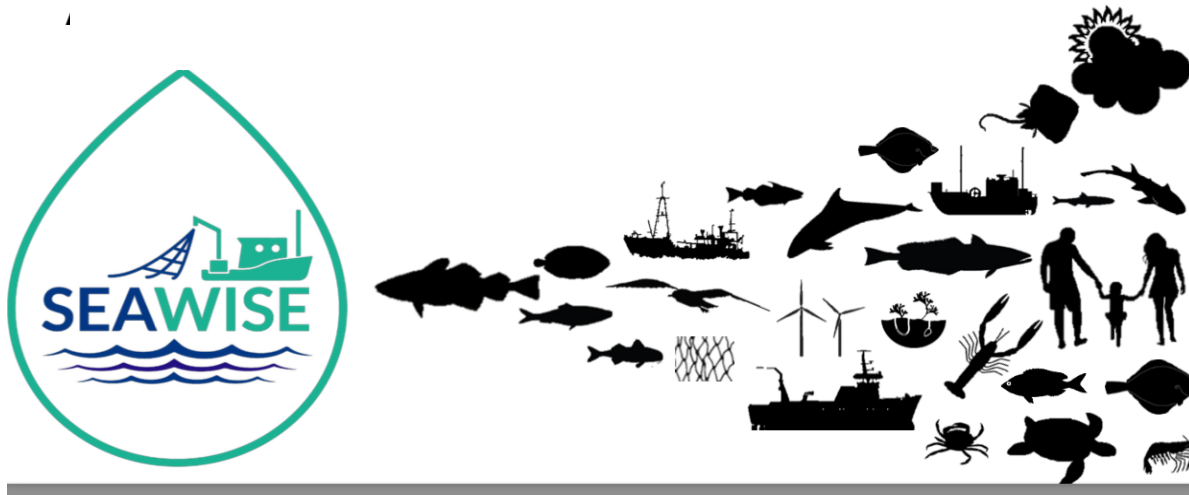
SmartFish: Smart fisheries technologies for an efficient, compliant and environmentally friendly fishing sector



SYMBIOSIS A Holistic Opto-Acoustic System for Monitoring Marine Biodiversities

BG-10-2020: Fisheries in the full ecosystem context

SHAPING ECOSYSTEM BASED FISHERIES MANAGEMENT



Providing a fully operational approach for European Ecosystem Based Fisheries Management

Ecocentric
management for
sustainable fisheries
and healthy marine
ecosystems



Innovative food from marine and freshwater ecosystems

- Explore and **test solutions** for **more sustainable fishing/aquaculture e.g. with low carbon approaches**
- Improve the **environmental impact** of fisheries and/or aquaculture
- Address **issues of proximity** between seafood production and consumption



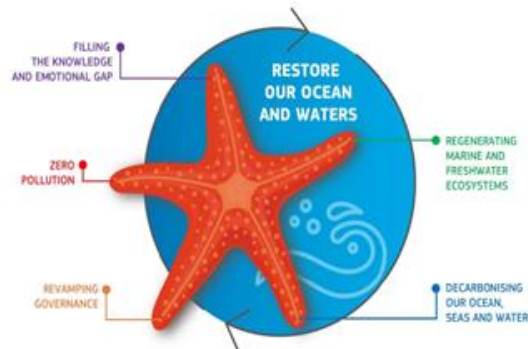
INDICATIVE BUDGET

6 mln EUR per project
(18 mln EUR in total)



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*





EUROPEAN UNION

EU
MISSIONS

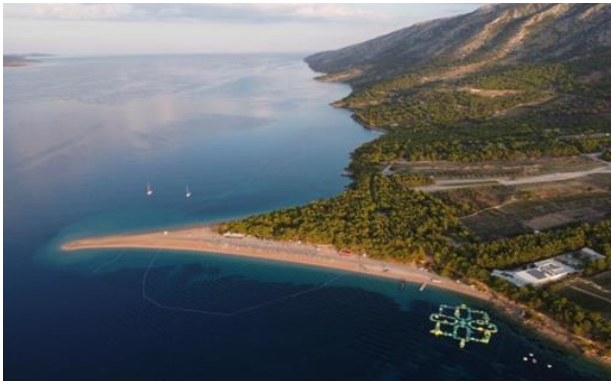
Mission lighthouses

Danube river basin



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Mediterranean sea basin



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Atlantic & Arctic basin

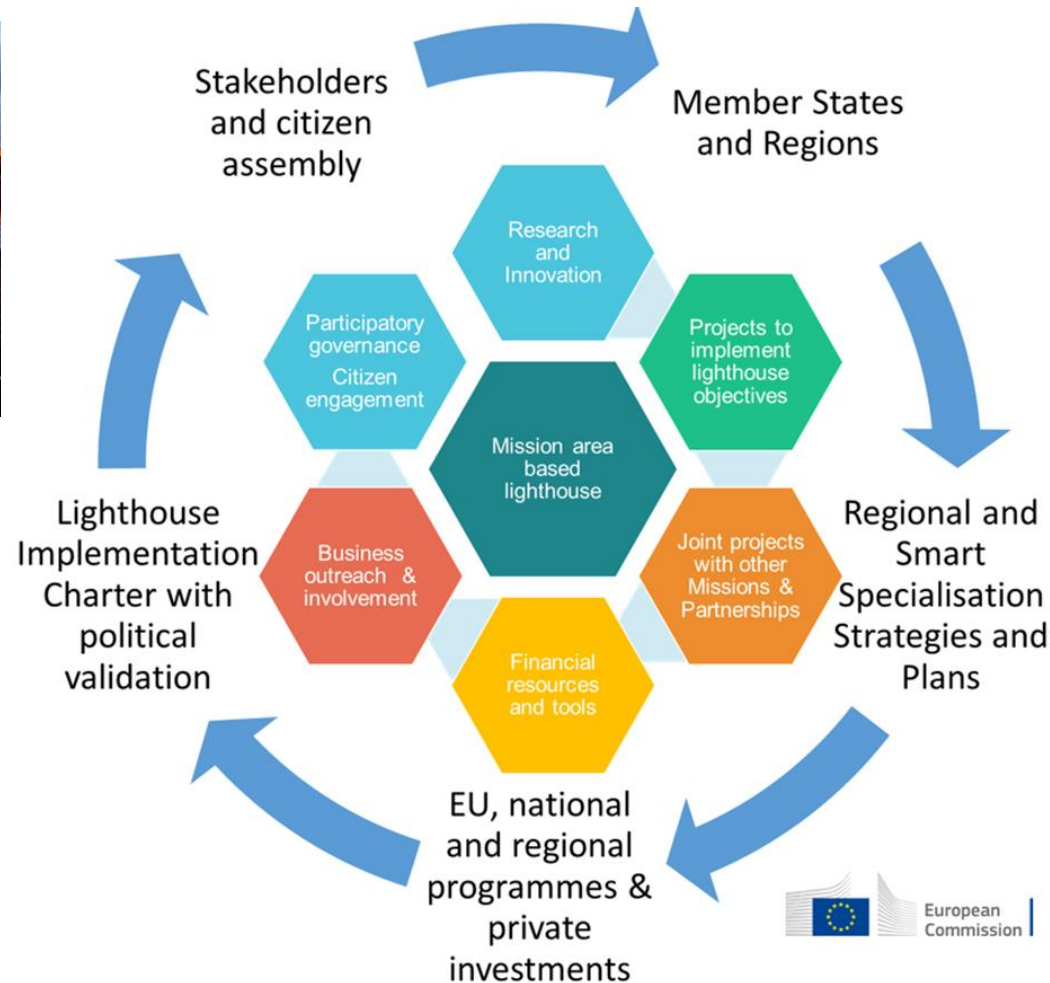


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North and Baltic sea basin



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KEY EVENTS

- **One Ocean Summit** on 11 February, under the French Presidency .
- Event on the **Mediterranean and the Atlantic-Arctic lighthouse** under the French Presidency (e.g. one event in Marseille, UN Ocean Conference in Portugal)
- One additional event might be organised **to launch the Danube lighthouse** under the Czech Presidency.



Relevant links

- **EC Communication on Missions**

https://ec.europa.eu/info/sites/default/files/research_and_innovation/funding/documents/ec_comm_heu_randi_missions_29092021.pdf

- **Implementation Plan on Mission Restore our Ocean and Waters:**

https://ec.europa.eu/info/publications/implementation-plans-eu-missions_en

- **Missions Factsheets**

https://ec.europa.eu/info/files/eu-missions-concrete-solutions-our-greatest-challenges_en

https://ec.europa.eu/info/files/eu-mission-restore-our-ocean-and-waters_en

- **EU Missions website**

- https://ec.europa.eu/info/research-and-innovation/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe/missions-horizon-europe_en