

Better local strategies around the Baltic Sea and in inland areas  
25/03/2021

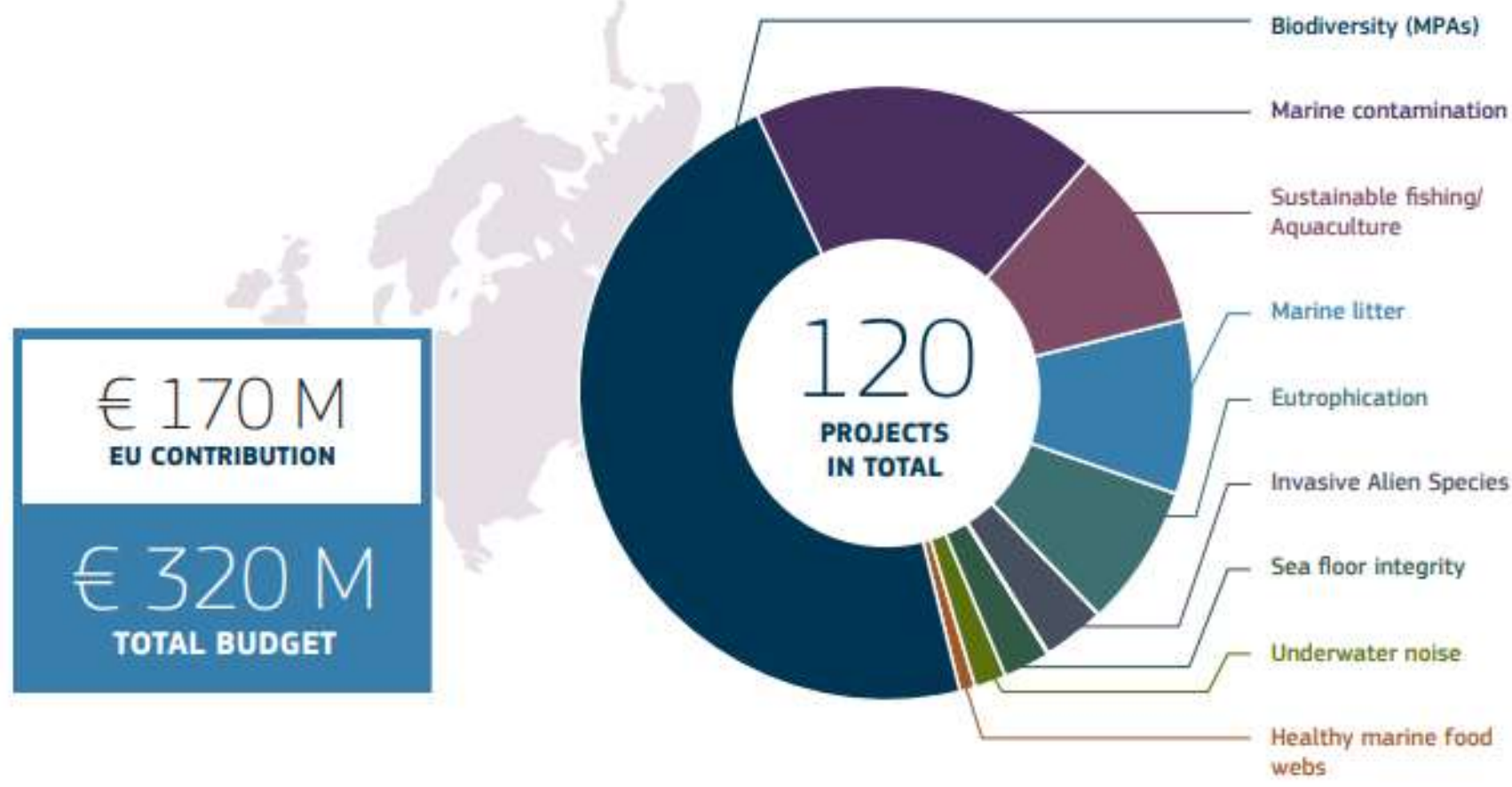
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# LIFE & the MARINE ENVIRONMENT



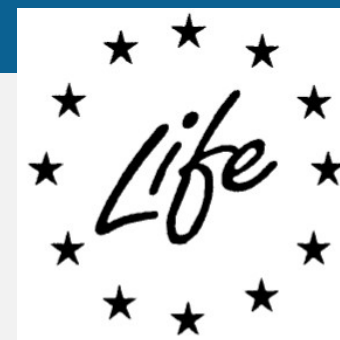
# Guidelines for applicants 2020

## LIFE Environment and Resource Efficiency

### p.24

#### Marine and coastal management - Annex III, section A point (a)(iii)

1. Application of tools, technologies or practices to **ensure the sustainability of human activities related to the marine environment**, including by reducing the pressure of human activities on the marine environment, and addressing at least one of the following topics of high concern:
  - underwater noise,
  - disturbance of the sea floor,
  - deep sea mining,
  - fishing,
  - agriculture and/or
  - navigation.
2. Projects aiming at **preventing and reducing marine litter or contaminants**, addressing them at the source at land and/or in the seas.



## Guidelines for applicants 2020 LIFE Nature and Biodiversity. p.24

3. Implementing the **marine component** of the Habitats and Birds Directives and related provisions under the Marine Strategy Framework Directive descriptor 1, where such projects focus on one or several of the following actions:

- completing and finalising national inventories for setting up the offshore marine Natura 2000 network of sites,
- restoration and management of marine Natura 2000 sites, including the preparation and implementation of site management plans,
- actions addressing species-, habitat- or site-related conflicts between marine conservation and fishermen or other 'marine users', as well as actions which combine conservation measures with a sustainable use of Natura 2000 sites, and/or
- demonstrative or innovative approaches to assess or monitor the impact of human activities on critical marine habitats and species and their application as a tool to guide concrete conservation measures.



# LIFE-AGESCIC (France)

## Achieve Good Environmental Status for Coastal Infrastructures Construction

The project addresses coastal construction turbidity and underwater noises issues combining three solutions:

1. SubSea Quieter® - an underwater noise and turbidity containment system,
2. SmartPAM+, a smart connected buoy that monitors in real time, and alert if necessary, the levels of turbidity and underwater noise,
3. and AVORES system to reduce the impact on fish and recover the ecological functions of the work area.



## **LIFE iSEAS (Spain) Knowledge-Based Innovative Solutions to Enhance Adding-Value Mechanisms towards Healthy and Sustainable EU Fisheries.**

Objective: to improve know-how to managing discard biomass. This will be achieved through testing new technology for automatically monitoring and recording discard material on-board deep-sea and other commercial fishing vessels.





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# REMEDIA Life (Italy)


## REmediation of Marine Environment and Development of Innovative Aquaculture: exploitation of edible/not edible biomass

Objective: to develop and demonstrate effectiveness of an Integrated Multi Trophic Aquaculture (IMTA) system to mitigate negative environmental effects of aquaculture activities.


The system will be based on a set of stress-tolerant bio-remediators, such as polychaetes and sponges, to give a better bioremediation performance than mussels and macroalgae.

USE OF BIOMASS


APPLICATIVE ASPECTS the produced biomass can be used for new sources of income in different sectors.

- 


**AQUARIOPHILY**  
worms as ornamental invertebrates.

Find out more
- 

**BIOACTIVE COMPOUND**  
extracted from the biomass that can be used in Pharmaceutical nutraceutical and cosmetic industries

Find out more
- 

**FERTILIZERS**  
for agriculture especially horticulture.

Find out more
- 

**BAITS**  
for sport fishing in the sea.

Find out more



# FRESHABIT - Towards integrated management of freshwater Nature 2000 sites and habitats

Objective: planning, implementation and monitoring schemes for freshwater management, improve conservation and sustainable use of habitats and species, integrate conservation approaches in ecosystem-based entrepreneurship and improve environmental awareness.







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## Links

- [LIFE and the marine environment](#)
- [LIFE Projects database](#)
- [LIFE website](#)



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# EASME

Executive Agency for Small and Medium-sized Enterprises

## THANK YOU FOR YOUR ATTENTION

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Unit B.3 LIFE and CIP Eco-Innovation

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