

# MISTIC SEAS III:

Developing a coordinated approach for assessing Descriptor Food webs and linkages with Descriptor Biodiversity in the Macaronesia.



## Portugal and Spain strengthen the cooperation on MSFD implementation in Macaronesia

### MISTIC SEAS & MISTIC SEAS II

Strong cooperation between Azores, Madeira and Canary Islands.

**MSI:** Designing a common methodology for the monitoring of marine biodiversity in the Macaronesian region, focusing on the populations of marine cetaceans, turtles and seabirds.

**MSII:** Implementing the methodologies and coordinating the development of these methodologies through the undertaking of joint monitoring programs.

Implementation of MSFD in Portugal and Spain in order to guarantee Good Environmental State (GES).



Status where marine waters provide ecologically diverse and dynamic oceans and seas which are clean, healthy and productive and its use is at a level that is sustainable, thus safeguarding the potential for uses and activities by current and future generations.

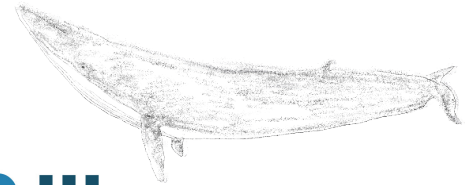
GES

Those projects are working on linkages of:

- D1** "Biodiversity" of marine birds, mammals and turtles.
- D3** "Commercial species".
- D4** "Food webs" covering functional aspects of interactions between species.

The new Commission GES Decision 2017/848/E





# MISTIC SEAS III

## MACARONESIA

**March 2019-2021**

### Budget:

Co-financing: European Maritime Fisheries Fund.

Project total amount: 1.085.660 €

UE co-funding: 80%

UE contribution: 118.726 €

### Objectives:

- Supporting a sub-regional approach to the evaluation of marine environmental status in relation to D4, by defining and testing methodologies that allow the identification of trophic guilds by using Ecopath and Ecosim modelling.
- Integrate the D4 criteria with criteria for other Descriptors (D1 and D3).
- Integrate the monitoring programs and measures proposed, through cooperation within and between subregions of the North-east Atlantic Ocean.

### Participants:

Coordinator: FRCT

Partners: DRAM, SRA, ARDITI, DGRM, FB, IEO, DGSCM-SGPM, CSIC

### Workpackages:

1. Development of a coordinated approach for addressing and implementing Descriptor 4 (food webs) in the Macaronesian sub-region.
2. Macaronesian common approach for the integration and aggregation biological parameters in the trophic web.
3. Assessment across Biodiversity descriptors – Linking D4 (trophic guilds), D1 (biodiversity) and D3 (commercial species).
4. Synergies and Cooperation between sub-regions.
5. Communication and dissemination.
6. Coordination & Management.



Call: Second cycle Marine strategy framework directive:

Implementation of the new GES Decision and programs of measures.

DG ENV/MSFD 2018 call. Action: Grant Agreement No. 110661/2018/794676/SUB/ENV.C2