FRCT in a glance

Public Agency of **Azores Regional Government** tutored by the **Regional Secretariat of the Sea, Science and Technology**. Coordinates & manages available resources for scientific research and technological development in Azores Region through R&D+I, Financing Research Grants, promoting internationalization and participation on international projects.

**European Projects**

**ERA-NETs - European Research Area Networks**
- BiodivERsa3
- Geothermica

**RIA – Research and Innovation Actions**
- UrBAN-WASTE

**PCP – Pre-Commercial Procurement**
- MARINE–EO

**EASME - Coordination and Support Action**
- SCREEN

**Calls for Proposal**
- Mistic-SEAS II
- INDICIT
- MarSP

**INTERREG Atlantic Area**
- iFADO

**INTERREG MAC**
- FIMAC
- SMART DEST
- SMART BLUE
- RIS3NET
- BIOTRANSFER 2
- LUMINAVES

**FP7**
- ERA-MarineBiotech

**EU Calls for Tender**
- BEST III

KEY ISSUES LAUNCHED

❖ IMPACTS AND IMPLICATIONS OF CLIMATE CHANGE IN MARITIME REGIONS
❖ ACTIONS TO ADDRESS AND PREVENT RISKS PRESENTED BY CLIMATE CHANGE
❖ TRANSFERABILITY AND GOOD PRACTICES BETWEEN CPRM REGIONS
❖ HOW IMPACTS OF GEOHAZARDS AND EXTREME WEATHER EVENTS ARE COMPENSATED AT REGIONAL LEVEL
❖ HOW THE EU COULD PROVIDE BETTER SUPPORT TO REGIONS?
  ▪ REGULATIONS AND POLICY FRAMEWORKS
  ▪ PROGRAMS
IMPACTS AND IMPLICATIONS OF CLIMATE CHANGE IN MARITIME REGIONS - Maritime Archipelagos

Oceans are a critical part of the climate system

Maritime territories as the interface of the amortigation effects

More vulnerability in Islands

**Sea level rise**
- Saline intrusion into freshwater aquifers
- Coastal flooding and erosion

**Increased temperatures**
- Heat stress
- Coral bleaching
- Biodiversity loss

**Changes in rainfall patterns**
- Decreased fresh water availability

**Increased intensity of storm activity**
- Direct damage of infrastructure

**Ocean acidification**
- Changes Ecosystems functions
ACTIONS TO ADDRESS AND PREVENT RISKS PRESENTED BY CLIMATE CHANGE - Azores

CLIMATE CHANGE PLANNING INSTRUMENTS
Azores Regional Strategy for Climate Change
Estratégia Regional para as Alterações Climáticas (ERAC) CG n.º 123/2011, de 19 de outubro
Azores Regional Program for Climate Change
Programa Regional para as Alterações Climáticas dos Açores (PRAC)

• Establish scenarios and climatic projections for Azores by the year 2030;
• Estimate the regional emissions of greenhouse gases (GHG), assessing the contribution of GHG emissions at the sectoral level and at national context;
• Define and program measures and actions by sectoral application, for the reduction of emissions of greenhouse gases, estimating their potential for reduction;
• Define and program climate change mitigation and adaptation measures for various strategic sectors;
• Assess and analyze the cost-effectiveness of the measures and actions proposed and to define the sectoral responsibilities for its implementation;
• Identify financing mechanisms for the measures defined;
• Define a program to monitor and control its implementation
TERRITORIAL PLANNING AND INTEGRATE COASTAL ZONE MANAGEMENT –Azores
- Integrate Coastal Zone Management Plans – 10 Plans
- Technical Roadmap for Coastal Intervention
- Azores Risk Management Plan for Floods
TRANSFERABILITY AND GOOD PRACTICES BETWEEN CPRM REGIONS - the MarSP Project

MarSP Snapshot

- **Duration**: 24 months (01/01/2018)
- **Total Budget**: 2 155 302 €
- **Consortium**: 9 partners

Partners:

Coordinated by:

Supported by:

- **External Assistance**: MSP Expertise - UAC
- **Advisory Board**: MAPAMA, IOC, UA, GOBCAN
MarSP goals

To support the MSP process in Macaronesian Regions- Azores, Madeira and Canary Islands:

• Helping to build capacities and conditions to implement the MSP EU Directive 2014/89/UE and the respective national legislation.

• Establishing a common planning methodology for participating regions will be adopted regionally, addressing possible divergences.

• Developing a MSP working methodology facilitates the exchange of experience and planning challenges providing an advantage of all maritime space and its related issues.

• assisting the competent authorities from Portugal and Spain, on promoting the development of operatives mechanism of MSP until 2021
Maritime Spatial Planning

• Promote sustainable *blue growth*
• Promote the occupation of maritime territory
• Mitigate use conflicts
• Involve stakeholders;
• Ensure environmental and socioeconomic sustainability of marine and maritime activities
MarSP Approach

Coordination WP1

MSP WP2, WP3 & WP4

Communication WP7

Azores
Madeira
Canarias

Conditions & Vision
Potencial Uses
Plans

Stakeholders Engagement

MarSP Platform WP5

Cross-border

Macaronesia WP6

MSP

International
Regional
National
MarSP: Overview of the project

Macaronesian Maritime Spatial Planning (MarSP)

WP1: Project Coordination & Management

MSP
Preplanning
Diagnosis
Planning

WP2. Mapping the current conditions and creating a vision for the MSP in Macaronesia

WP3. Defining potential marine uses in Macaronesia, dealing with constrains and conflicts while assuring the good marine environmental status

WP4. Development of the Marine Spatial Planning processes

WP5: MArSP Platform

WP6: Macaronesian Crossborder Cooperation

WP7: Communication & Dissemination FCRT
MarSP Planning Scope

General Overview

[Map showing the planning scope for MarSP, highlighting Portugal, Spain, Azores, Madeira, Canary Islands, and other regions.]

Source: DOALOS
Some of the EU regions for which MSP processes have been well develop are located on continental Europe, thus not sharing the main challenges that characterize Macaronesia, such as its remoteness and oceanic features. For that reason, this proposal allows to define new approaches for new problems in the context of the European MSP.

It will also help to reduce asymmetries in the implementation MSP associated with the Outermost Regions.

It also intends, to strength the position of Macaronesia in the world context, given that these regions are surrounded by a large maritime area with a recognized economic potential and an increasing demand from diverse Blue Growth sectors (such as tourism, biotechnology, scientific research, among others), as well as potential activities that may be considered as threatening (deep sea mining, drilling, resources prospecting) and need special attention.
Cooperation Between Regions

PORTUGAL

Decret-Lei n.º 38/2015
Order No. 11494/2015
established the beginning of the preparation and development of the Situation Plan,

AZORES

MADEIRA

Member States

Spain

Real Decreto 363/2017, de 8 de abril

Regions

Canary Islands
Portugal and the Ocean

8 Strategic actions-ENM

• Awareness raising and mobilization of society to the importance of the Ocean
• Promoting of education and outreach programs of Ocean-related activities in schools
• Promotion of Portugal as a European center of excellence in Ocean Sciences
• Maritime Spatial Planning
• Protection and restoration of marine ecosystems
• Development of the maritime economy
• Support for new technologies applied to maritime activities
• National defense, security, surveillance and protection of maritime areas under national sovereignty or jurisdiction

sustainable development model that is based on the Ocean, in articulation with the coastal zone, grounded on knowledge, which guarantee that Portugal faces the challenges imposed by that growth, competitiveness of the ocean economy and its promotion.
MSP and Spain

Directive 2014/89/UE has been transposed through the Royal Decree 363/2017, of April 8, establishing a framework for the maritime spatial planning.

Aimed at:

- promoting the sustainable growth of maritime economies;
- the sustainable development of marine areas and;
- the sustainable use of marine resources.

5 Maritime Spatial Plans (MSP), one for each of the existing Spanish Marine Demarcation created by Act 41/2010, of December 29, Protection of the Marine Environment. The competent authority is the General Directorate for the Sustainability of the Coast and the Sea (Ministry of Agriculture and Fisheries, Food and Environment).
In parallel, the Spanish Ministry of Agriculture and Fisheries, Food and Environment is member of the MarSP Advisory Board

This project will serve as a test laboratory dedicated to building up the technical expertise needed for the proper implementation of Directive 2014/89/EU focused on the Macaronesian Region, some of the expected results will be:

• Gathering the best scientific and spatial information
• Identify relevant stakeholder and establish networks to involve them during the MSP process;
• To develop and test methodologies to implement the MSP in the Canarias archipelago;
Marine Spatial Planning and the specificities of Maritime Regions

Archipelagos Visions- dupla insularity
Stakeholders Engagement

D.2.1. Stakeholder Engagement strategy for MarSP

D.2.2. 1st Local and Regional Stakeholder Workshops: Madeira and the Azores

D.2.3. Guidelines to public participation

On going

D.2.4. Regional Stakeholder’s directory: the Azores

D.2.6. Regional reports on MSP objectives- methodology completed

a) Azores waiting for Workshop Report

Next steps

Azores:

a) prepare Seasketch Project for sectors consultation on uses, constraints, potential and conflicts.

b) Prepare sector methodologies for potential uses, constraints and conflicts assessment/stocktaking and modelling.

c) Prepare geographical information system.

D.2.5. Report on current maritime uses and constraints in each region of Macaronesia: the Azores
Defining Areas for Aquaculture

Modelo de determinação de locais com potencial para a instalação de unidades de Aquicultura na Região Hidrográfica Açores (RH9)
Geoportal- Situation Plan
Canary islands Pre-planning Processes
Macaronesian Crossborder Cooperation

Advanced tasks:

D.6.1. Integrated diagnosis of the MSP in the Macaronesia:

*Structure definition and information gathering*

D.6.2. Macaronesian MSP bulletin:

*Structure definition*

D.6.4. Report on lessons learned and best practices available:

*Bibliographic search and main sources identification*

D.6.5. MSP Governance analysis of the Macaronesia:

*MSP framework diagnosis*

D.6.6. and D.6.8. MSP expert group and pilot projects proposal:

*Survey on MSP and transboundary cooperation incorporated to the Stakeholder engagement strategy*


*First steps for the Atlas construction*
Macaronesian Crossborder Cooperation- WP6

On going

- Continue with the Integrated diagnosis of the MSP in the Macaronesia AND the MarSP Atlas
- First number of the Macaronesian MSP Electronic Bulletin
- Azores, Madeira and Canary Island workshops: collaborate with the survey on MSP and transboundary cooperation AND Identification of natural leaders and experts to propose working groups
- Information collection for the Report on lessons learned and best practices available

Next steps

D.6.3. Guidance report on transboundary MSP
D.6.5. MSP Governance analysis of the Macaronesia
D.6.7. Formulating a Policy Briefing MSP.
D.6.8. Proposing Pilot projects on relevant spaces or issues for cross-border cooperation
D.6.10. Web visor for the MarSP Atlas of the Macaronesia
HOW THE EU COULD PROVIDE BETTER SUPPORT TO REGIONS?

- REGULATIONS AND POLICY FRAMEWORKS
- PROGRAMS

Some appointed challenges*
Call for a more closely cooperation between regions;
Blue economy focused on the sustainability of the marine systems;
Garante and provide specific financing mechanism for adaptation at the local and regional level
Vulnerable coastal communities;
Education and literacy for the Ocean and Climate
CPRM calls for higher budget to the specific project on blue careers
The implementation of the Ecosystem approach in planning tools
Difficults and constrains to implemente MSP until 2021
The need for more Knowledge and the improvement of data
Methodologies for development blue economy at local and regional level

ENHANCING THE EUROPEAN MARITIME DIMENSION

Thank You!

http://marsp.eu/