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# 100%

of Posidonia meadows preserved  
by 2030



Mediterranean  
Action Plan  
Barcelona  
Convention





SOS POSIDONIA - MPN



Copy link

# MEDITERRANEAN SEA



Watch on  YouTube

Home of Poseidon,

# POSIDONIA MEADOWS

Biodiversity Hot spot

Breeding, spawning and nursery area

Water purification

Feeding resource

Water oxygenation

CO<sub>2</sub>

Natural carbon sink

Refuge and habitat

Protecting the coast from erosion

Protected habitat



# GLOBAL FRAMEWORK FOR THE PROTECTION OF POSIDONIA MEADOWS

## Law protection

## Details



**Berne Convention 1886  
(19/09/1979)**

Annex II : Species requiring protection.



**Barcelona Convention  
1976  
ASP/DB PROTOCOL**

Annex II : List of endangered or threatened species.



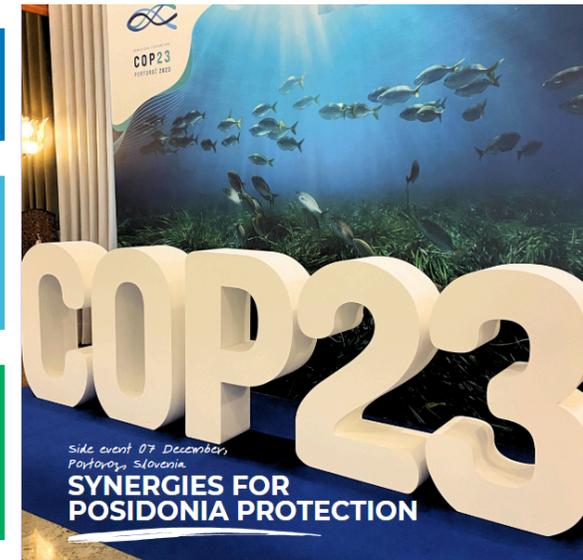
**Habitats directive 1992  
(DHFF/92/CEE)**

Annex 1 : Priority habitat "Posidonia meadows", priority habitat as Community of Interest, designation of Special Areas of Conservation (SAC).



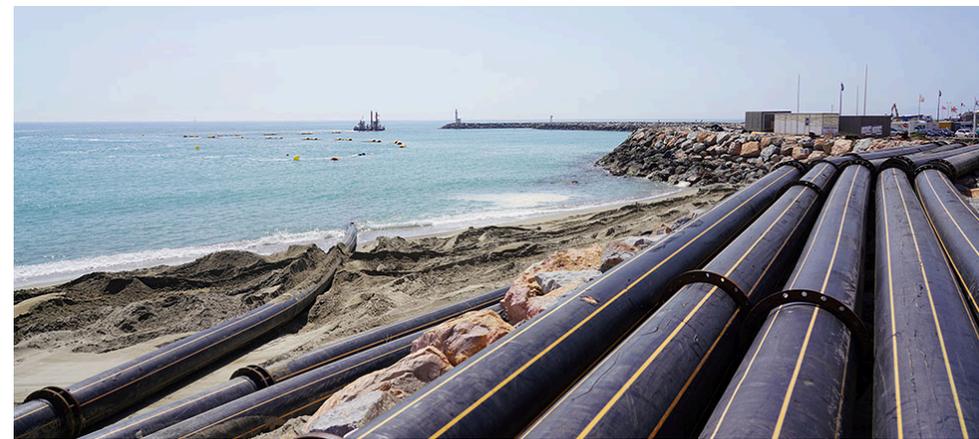
**Marine Strategy  
Framework Directive  
(MSFD, 2008/56/EC)**

Benthic habitats, including Posidonia meadows, are mentioned in descriptor D1 "Biodiversity" and D6 "Seabed integrity".

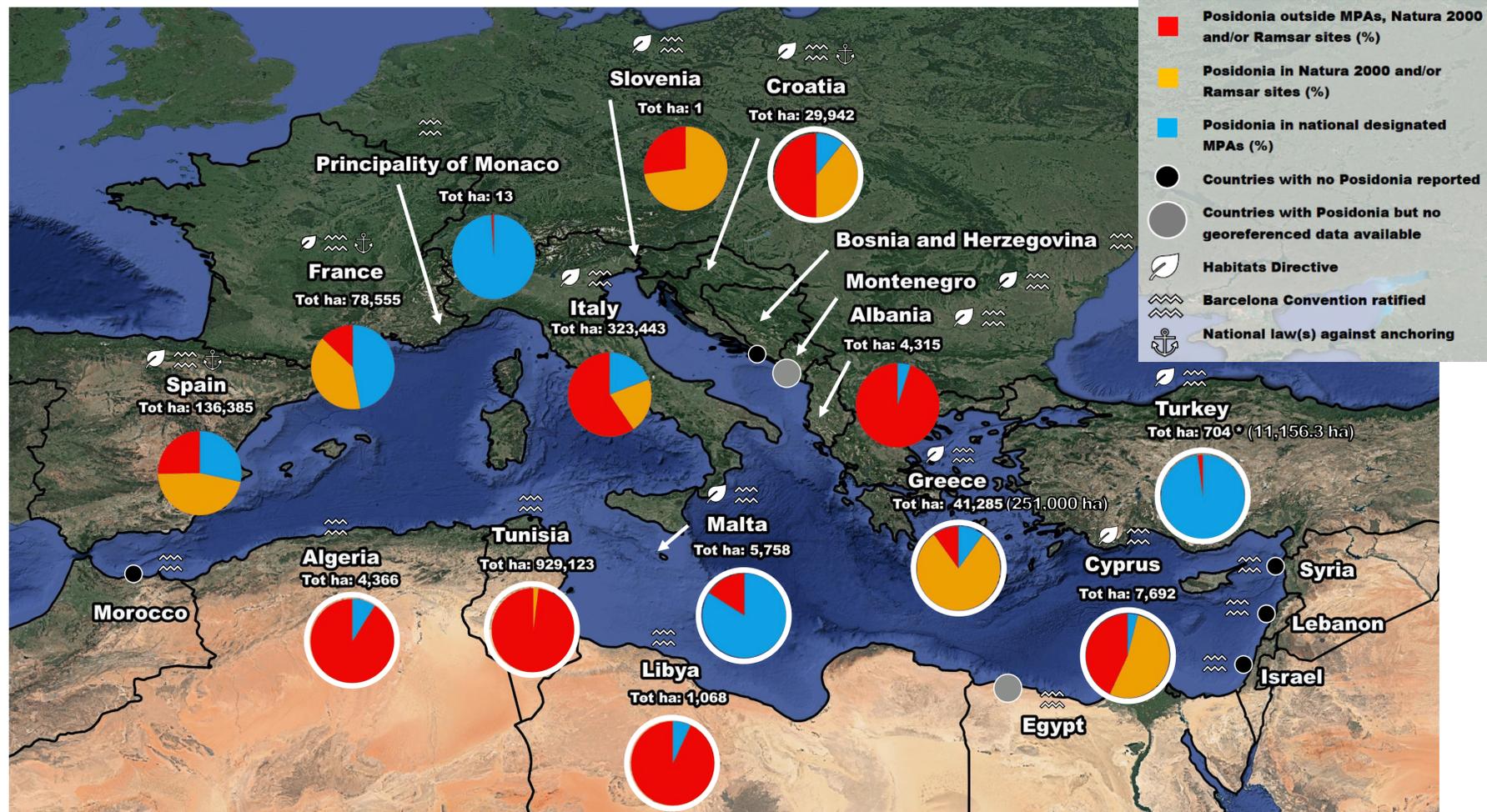




Lost between 10 – 30 % of *Posidonia oceanica* since the last century (Telesca, 2015)



# DISTRIBUTION AND PROTECTION STATUS OF POSIDONIA MEADOWS OF MEDITERRANEAN COUNTRIES



\* The total coverage of Posidonia meadows in Turkey is known to be underestimated. Since the extent of such meadows is probably mainly studied inside the MPAs, so the calculated percentage may result distorted. Countries with a white circle around the pie chart have incomplete and/or not updated cartographies of Posidonia meadows distribution.

Tot ha: estimated available data of mapped Posidonia surface in each country. In brackets (): estimated Posidonia coverage based on other bibliographic information (geographical data not available).

All the coverage data of Posidonia have been calculated using ESRI ArcGIS© and were provided by Telesca et al. (2015) and overlapped with Marine Protected Areas provided by MedPAN & SPA/RAC (2021). Updated coverage data of Posidonia were retrieved for Corsica (EqEL – UCPP & GIS Posidonie), Cyprus (Pergent-Martini et al., 2013)

16 Countries out of 21 have Posidonia in their territorial waters. Apart from the Balearic Islands (Spain), Croatia, France and Turkey, there are no regulations specifically on anchoring on Posidonia meadows but all the Countries with Posidonia oceanica have regulations concerning the species protection in general. In addition, all the 16 Countries have signed at least one international convention that protects Posidonia (Barcelona Convention and/or Bern Convention) and have ratified at least one of them. Finally, besides the EU Member States also other three Countries have adopted the Habitats Directive.

**Over 2 million hectares in the Mediterranean**

**60% outside MPAs**

Map of the level of knowledge of the distribution of Posidonia meadows in the Mediterranean:  
In green, confirmed presence; in orange, probable presence, but data not recovered.

Golder/Pergent/Okianos/OFB!MPN



MEDITERRANEAN  
**POSIDONIA**  
NETWORK

The image features a vibrant underwater scene with dense green Posidonia oceanica seagrass. Overlaid on this scene is a celebratory graphic consisting of a purple party hat with white polka dots and a yellow starburst on top. A white circular line with several white dots is drawn around the hat. Below the hat, several white, brush-stroke-like lines radiate outwards, resembling fireworks or a fountain. Scattered throughout the scene are several bright yellow four-pointed starburst graphics. At the bottom of the graphic, a thick white horizontal brush stroke is present.

# A MULTI-STAKEHOLDER MEDITERRANEAN NETWORK FOR THE PRESERVATION OF POSIDONIA

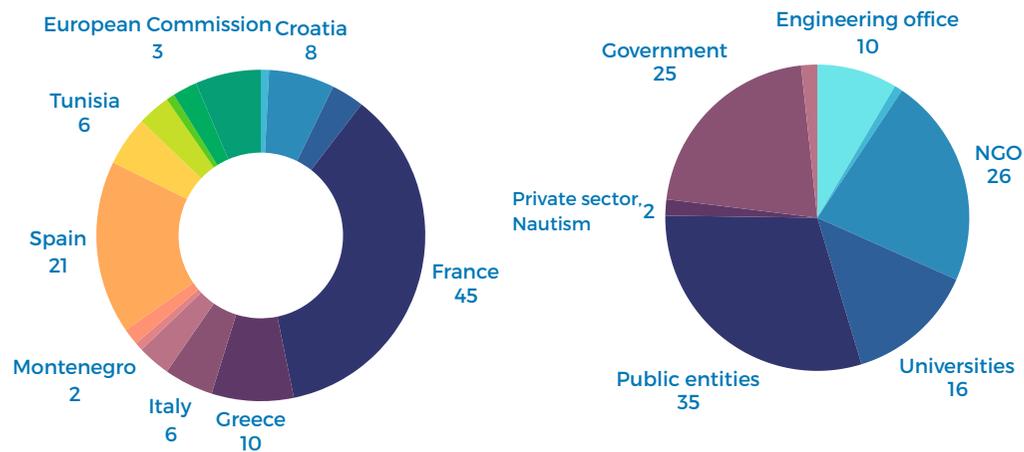


## MEMBERS OF THE COORDINATION TASK FORCE



## DISTRIBUTION OF MEMBERS BY COUNTRY AND SECTOR

The MPN has 153 members from 11 countries in the Mediterranean basin.



## A ROADMAP FOCUSED ON

1. KNOWLEDGE
2. INNOVATION HUB
3. OPERATIONAL REGULATORY FRAMEWORK
4. STAKEHOLDER ENGAGEMENT
5. CAPACITY-BUILDING HUB
6. MANAGEMENT MEASURES AND PILOT SITES
7. COMMUNITY DEVELOPMENT, RAISING AWARENESS

# A NETWORK LAUNCHED IN 2019

## MPN SEMINAR

4- 9 May, 2025 at Iberostar Hammamet, Tunisia



## BLUE ECONOMY AND FINANCE FORUM

7 - 8 June, 2025 at Monaco's Forum Grimaldi



## UNOC2025

9 - 13 June, 2025 in Nice



## ESRA WORKSHOP

8-10 April, 2025 at Arcachon



## COP23 SLOVENIA

8 December, Slovenia



## DONORS MEETING

2 April, Majorca



## MONACO OCEAN WEEK

16 March, Monaco



## BLUE CARBON SEMINAR

November 2023, Marseille, France. International seminar on Blue Carbon financing mechanisms.



## EUROPEAN PARLIAMENT BRUSSELS

March 2023 in Brussels, Belgium. Presentation of the MPN roadmap.



## IMPACS

February 2023 in Vancouver, Canada. International Congress of Marine Protected Area Managers.

2023

## MEDITERRANEAN WORLDS

February 2022 in Marseille, France.



## ONE OCEAN SUMMIT

February 2022 in Brest, France. First international summit dedicated to ocean preservation.



2022

2021

## LIFESEPOSSO

March 2022 in Rome, Italy. Conference on Posidonia as part of the SEPOSSO Life project.



2020

2019

## SASPAS

June 2022, Split, Croatia. "Safe Anchoring and Seagrass Protection in the Adriatic Sea" conference

## MPA FORUM

December 21 in Monaco. Marine Protected Areas Forum.

## FORMENTERA WORKSHOP

September 2021 in Formentera, Balearic Islands. Initial Structuring of the MPN setting the mission to protect 100% of posidonia meadows in the Mediterranean and setting the MPN Roadmap.

## THE MPN IS BORN

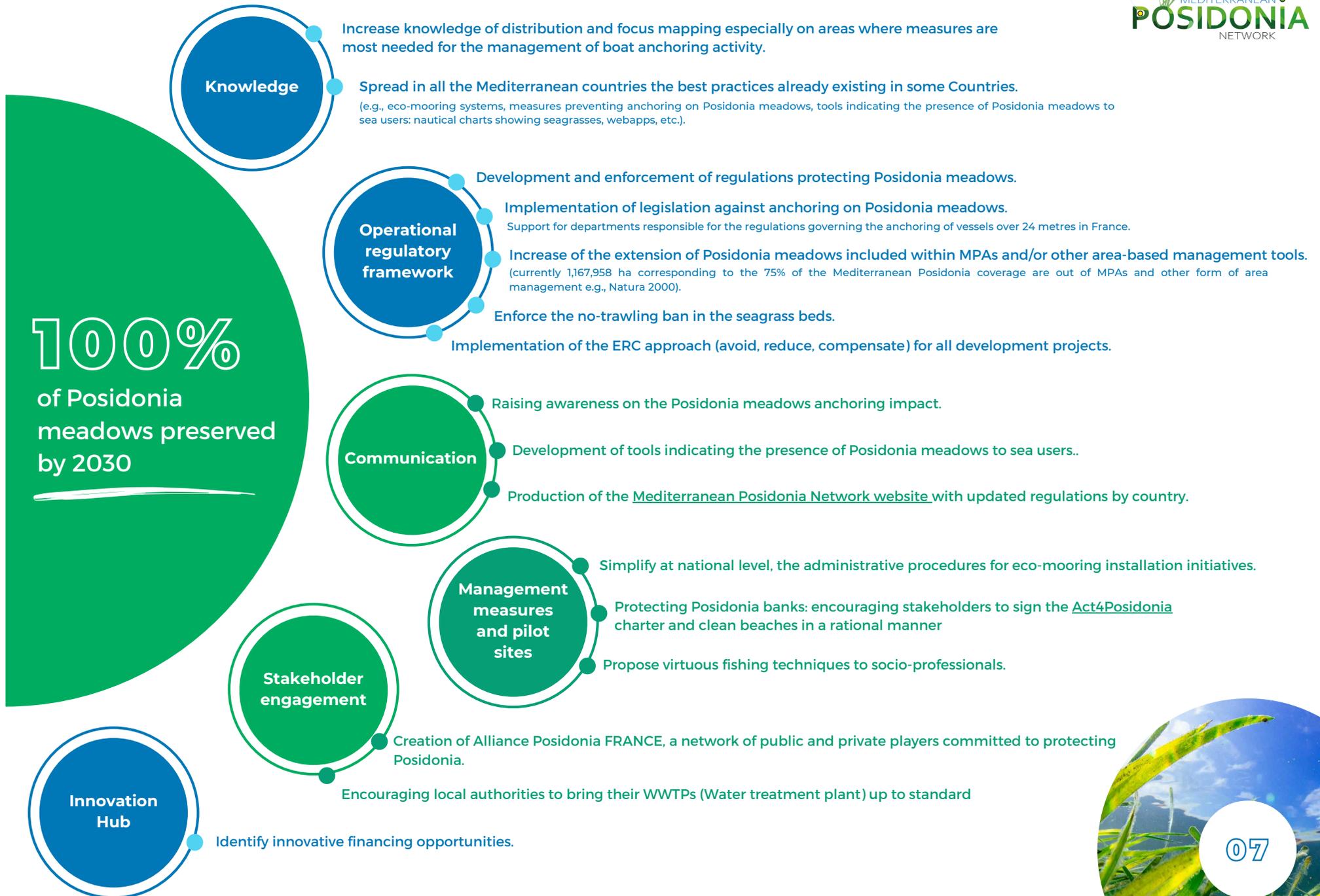
From a series of monthly meetings, the "Posidonia community" has evolved into the Mediterranean Posidonia Network.

## ANCHORS AWAYS

November 2019 marked the birth of a "Posidonia community" following the European scientific workshop held in Athens as part of the EU-Natura 2000 biogeographical process.



# MEDITERRANEAN POSIDONIA NETWORK - ACTION PLAN



## MANAGEMENT MEASURES AND PILOT SITES

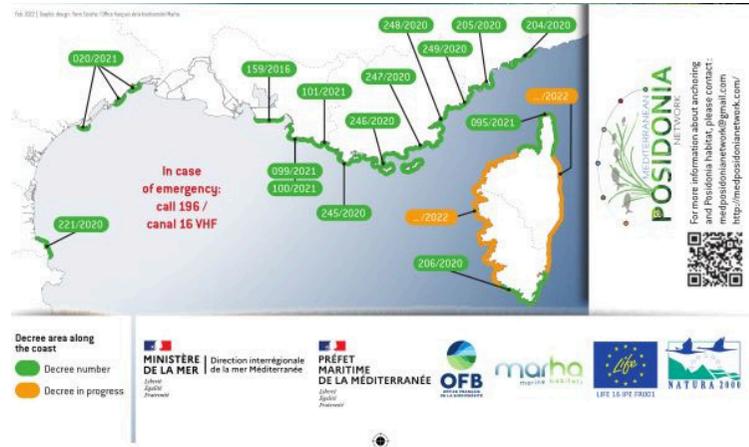
### DEVELOP ECO-MOORING ZONE AND BAN ANCHORING



## REGULATORY FRAMEWORK

### 2019 REINFORCEMENT OF NATIONAL REGULATIONS

### 2021 PUBLICATION OF BENCHMARKING ON POSIDONIA AND ANCHORING PROTECTION



**RÉPUBLIQUE FRANÇAISE**  
 OFB  
**POSIDONIA NETWORK**

**REPORT**  
**Comparative legal analysis on protection of Posidonia meadows in the Mediterranean Sea**  
*A benchmark on regulations on anchoring*

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 September 2021

**GOLDER** **Okianos**



# INNOVATION

## 2023 TYPE OF FINANCIAL NEEDS TO PROTECT POSIDONIA ANALYSED AT THE MED LEVEL > BLUE CARBON SEMINAR 2024 SWOT ANALYSIS OF CURRENT FINANCIAL TOOLS AND INNOVATIVE ONES



**INTERNATIONAL WORKSHOP**  
EXPLORING BLUE CARBON FINANCING MECHANISMS TO PROTECT MEDITERRANEAN SEAGRASS: THE CASE OF POSIDONIA OCEANICA

6th - 8th November 2023  
Village Club Mîléale Chem. des Eaux Salées, 13620 Carry-le-Rouet (France)

Summary Report

## WEBINAR SATELLITE-BASED POSIDONIA MAPPING

**WEBINAR**  
Satellite-Based Posidonia Mapping

Satellite state of art solutions to map Posidonia oceanica and pressures

**19 March 2025**  
10:00 to 14:00 Virtual

With the increasing need for accurate Posidonia mapping in the Mediterranean, this webinar will bring together leading experts and innovative projects to improve existing methodologies and tools, fostering deeper knowledge and more effective conservation efforts. Through collaborative pilot site experiences and by tackling next operational challenges, participants will assess the current state of projects, the latest technology, and mapping progress. They'll identify key gaps, refine tools, and optimize methods to make conservation more effective. This is a great opportunity to boost regional collaboration, share innovative approaches, and strengthen efforts to protect Posidonia oceanica and its coral reefs in the Mediterranean marine conservation.

Projects, institutions, researchers, and companies dedicated to Mediterranean seafloor/Posidonia & pressures mapping through satellite remote sensing

**OPEN VIRTUAL FORUM**

19 March 2025  
10:00 to 14:00 Virtual / Organized by: Mediterranean Posidonia Network  
Contact: [medposidonianetwork@gmail.com](mailto:medposidonianetwork@gmail.com) / [marcel.bardoul@gmail.com](mailto:marcel.bardoul@gmail.com)  
US, CA, CN & other webinar attendees only  
<https://ofb-tr.com/en/574385832?pwd=6d4b249492a24JUNER03dWZG669>

The webinar is organized by the Mediterranean Posidonia Network in collaboration with the Board of Government



## INNOVATION

### MPN GUIDELINES FOR ACTIVE RESTORATION AT MEDITERRANEAN SCALE

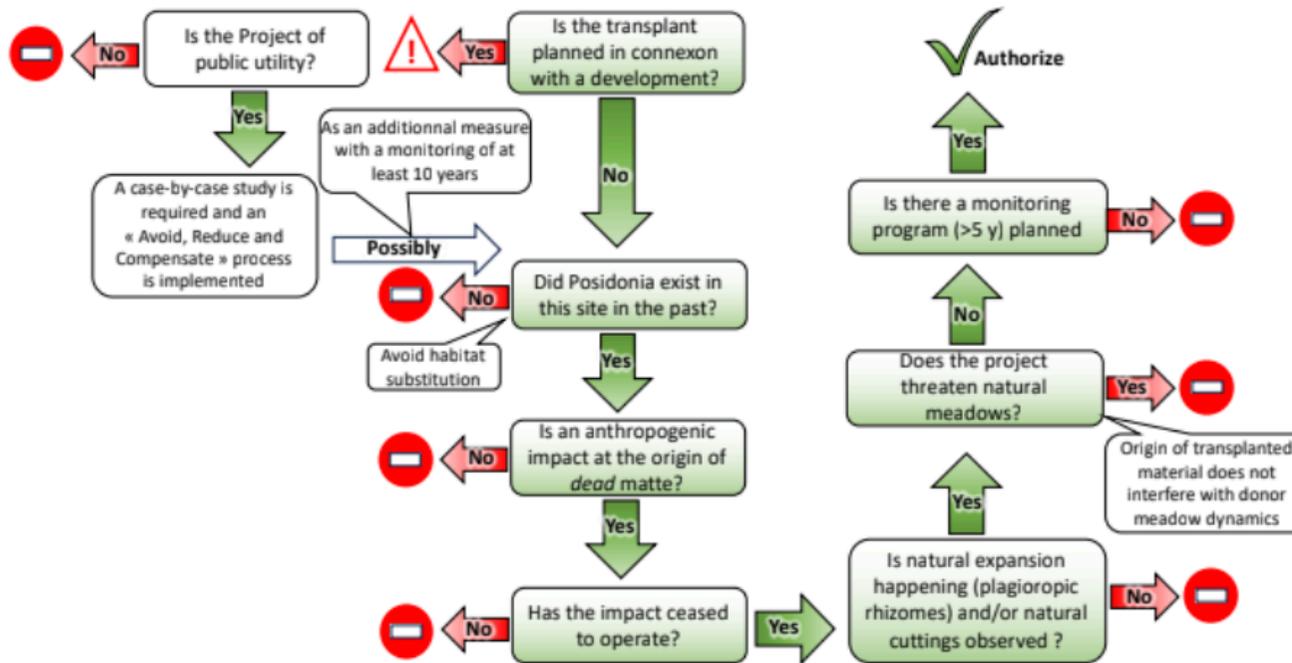
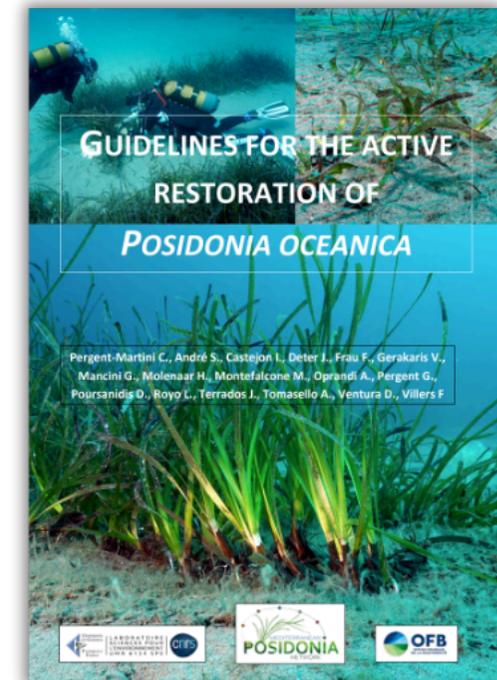


Fig 2.: Diagram showing the main considerations that must be fulfilled to authorize a transplantation of Posidonia.



REMOVING THE PRESSURES AND COMPLEMENTARY PROTECTION (PASSIVE RESTORATION) ARE THE PRIORITIES.

**ARE YOU WORKING ON POSIDONIA OCEANICA?  
WOULD YOU LIKE TO JOIN A DYNAMIC NETWORK?**



*Join the network!*



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