

# WE TAKE CARE OF POSIDONIA

[https://www.caib.es/sites/cuidamposidonia/es/cartografia\\_posidonia/](https://www.caib.es/sites/cuidamposidonia/es/cartografia_posidonia/)

Posidonia oceanica is a plant with flowers and fruits, exclusive to the Mediterranean Sea. It develops forming large extensions in the form of meadows and has a very slow growth. It is of fundamental importance in the marine-beach-dune ecosystem of the Mediterranean.

Main functions of Posidonia meadows: They fix CO<sub>2</sub> and produce oxygen, protect the sandy coastline against erosion. They are a reserve of biodiversity due to the large number of animal and plant species that find within the habitat a place for feeding, protection, and nursery for juveniles. They produce a large part of the sediment that forms part of the sand on our beaches.

We would like to continue promoting the good conservation for the Posidonia meadows of the Balearic Islands, which are protected by decree 25/2015 of July 28. It is established that all vessels must anchor on sandy bottoms and that both the anchor and the chain must always be outside the meadows of this marine plant characteristic of the entire Mediterranean.

## 6 reasons to take care of Posidonia



### Transparency of the waters

Posidonia generates oxygen and helps keep the waters of the Balearic Islands so transparent and clear. Posidonia has been called "the lungs of the Mediterranean".



### Sequestration CO<sub>2</sub>

"Carbon sequestration of one hectare of Posidonia from Formentera is equivalent to 15 hectares of Amazon rainforest."



### Generating sand

The sandy beaches of the Balearic Islands are built of a large number of organic animal remains, including foraminifera that leave their shells and create the fine white sand of the beaches.



### Protecting the dunes

Dead Posidonia on the beaches offer protection in autumn storms and manage to prevent the dune system from regressing. They also provide organic matter to the plants of the first dune cord.



### Marine fauna habitat

Posidonia meadows are the place of laying and refuge for fish, crustaceans, molluscs, enriching the biodiversity of the marine environment. Posidonia meadows structure the bottom and are the habitat of more than 400 species of plants and 1000 of animals.



### Taking care of the seabed

Posidonia meadows, among other functions, play a fundamental role in stabilizing the seabed and on wave damping. In addition, it contributes to reduce coastal erosion.

From: <https://atlasposidonia.com/en/home/>

# Good practices



## Good practice 1

Be informed via web on <http://posidonia.caib.es/>



## Good practice 2

Check the seabed; use the batiscopo or the instruments available.



## Good practice 3

Use the GOIB APP to find the most optimal anchoring location. <https://ideib.caib.es/posidonia/>



## Good practice 4

Calculate the position of the anchor and the length of the chain. Take into account the length of the boat and the intensity and direction of the wind.



## Good practice 5

The more length and wind, the more chain and the further from the meadow must be anchored so as not to damage it.



## Good practice 6

In protected areas, do not carry out activities that cause noise and disturb marine fauna



## Good practice 7

Do not pour the bilge water at the anchor point and only do so in the places authorized in the port or at least 12 miles from the coast.



## Good practice 8

Take the waste to the port and do not fill the bins on the beaches. Reduce waste generation and recycle.



## Good practice 9

When lifting the anchor, machine forward to raise the anchor vertically reducing the drag of the anchor and the chain on the seabed.

## Help with anchoring in Illes Balears (Web APP)

<https://ideib.caib.es/posidonia/>

## APPS

Posidonia GOIB [Google Play](#)

Posidonia Maps: [Google Play](#) // [App Store](#)

Donia: [Google Play](#) // [App Store](#)

Portadvisor: [Google Play](#) // [App Store](#)

## IDEIB

Posidonia Habitats (Visor IDEIB)

<https://ideib.caib.es/visor/>

(Lista de capas => añadir datos => buscar: posidonia => agregar)

(List of layers => add data => search: Posidonia => add)

Este conjunto de datos se publica en el servicio de visualización (WMS) disponible en

[https://ideib.caib.es/geoserveis/services/public/GOIB\\_Habitats\\_IB/MapServer/WMSServer](https://ideib.caib.es/geoserveis/services/public/GOIB_Habitats_IB/MapServer/WMSServer)

