



Prodotto realizzato nell'ambito del progetto SEPOSSO  
e finanziato con i fondi del Programma LIFE  
Progetto LIFE16 GIE/117/000761



## SUPPORTING ENVIRONMENTAL GOVERNANCE FOR THE POSIDONIA OCEANICA SUSTAINABLE TRANSPLANTING OPERATIONS



# POSIDONIA OCEANICA

### WHAT IS IT?

Is not an alga but a flowering plant that  
lives exclusively in the Mediterranean Sea  
Forms extensive meadows  
Is a protected habitat

### WHY IS IT SO IMPORTANT?

Hosts several species of both marine  
flora and fauna  
Protects the coast from erosion  
Produces oxygen  
Is a carbon sink

### WHY IS IT AN ENDANGERED SPECIES

Because the pressure and impact of human  
activities, such as illegal trawling, boat anchoring,  
maritime works, wastewater discharges contribute  
to its regression

### WHY TRANSPLANT IT?

To compensate for damage caused  
by coastal marine works  
To restore damaged meadows

### WHAT CAN YOU DO?

DO NOT fish on *Posidonia*  
DO NOT anchor your boat on *Posidonia*  
DO NOT pollute  
DO NOT throw waste at sea



### WHY PIOMBINO?

The objective of the Life project SEPOSSO is to improve the governance process related to the transplant of *Posidonia oceanica*, priority habitat 1120\* of the Habitat Directive, 92/43/EEC, made to compensate for the damage caused by the development of coastal infrastructures in Italy. Furthermore, the project aims to increase citizens' awareness of the importance and respect of *P. oceanica* meadows and of the Natura 2000 marine sites, designated to conserve protected habitats and species.

The impact on *Posidonia oceanica* meadow was caused by the dredging activities carried out to develop and expand the Port of Piombino (LI) (northern Tyrrhenian Sea) according to the new Port Regulatory Plan. The commissioning body of the work was the Port Authority of Piombino.

*Posidonia oceanica* transplantation was indicated as a compensation measure in the Environmental Impact Assessment decree. The transplant was carried out in June 2014. 340 sods, each about 4 m<sup>2</sup> in size, were explanted by means of a dredge from the meadow located off the port of Piombino. Sods were then transferred in areas identified as suitable for transplant, located 3 nm east from the harbour of Piombino. The reallocation of the sods took place in an area of about 1.360 m<sup>2</sup>.



# PIOMBINO



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