





SUPPORTING ENVIRONMENTAL GOVERNANCE FOR THE **POS**IDONIA OCEANICA **S**USTAINABLE TRANSPLANTING **O**PERATIONS



POSIDONIA OCEANICA

WHAT IS IT?

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

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

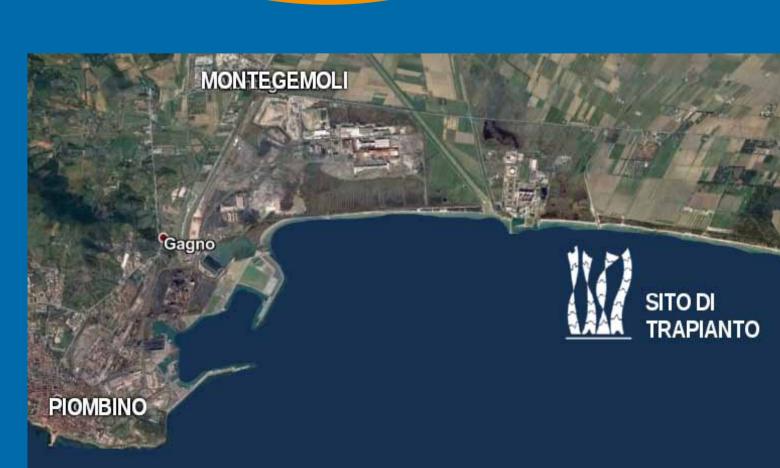


WHY PIOMBINO?

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 m² 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 m².





PIOMBINO























