



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

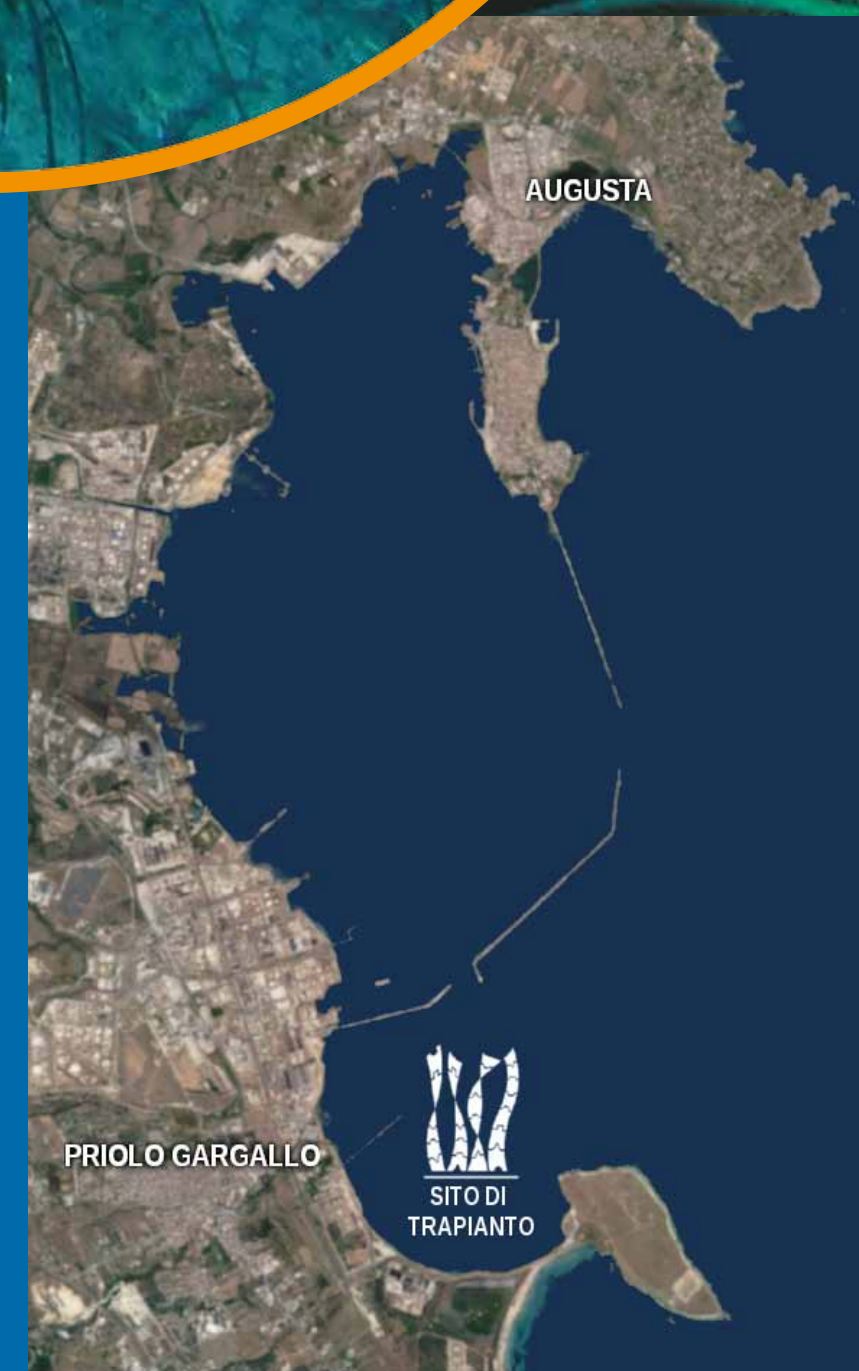


### WHY AUGUSTA AND PRIOLO?

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 the *P. oceanica* meadow at the Site of National Importance at Priolo (SR) was caused by the discharge of industrial wastes at sea of the (petrochemical plants of Priolo-Melilli-Augusta (western Ionian Sea) that occurred for decades.

The transplant of *P. oceanica* took place between June and November 2014 in the "Seno di Priolo", inside the Augusta Bay and it was a measure aimed at the restoration of the preexistent meadow. The works were realized in the framework of the research and education project "Advanced sustainable technologies for the recovery and restoration of damaged coastal marine areas" (TETIDE). For the transplant activities, which have had covered a surface of 2.500 m<sup>2</sup>, about 60.000 shoots collected from a nearby meadow were secured to 2.000 patented supports that were made of biodegradable plastic.



# PRIOLO GARGALLO AUGUSTA



[www.lifeseposso.eu](http://www.lifeseposso.eu)