



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

Concrete modules used for the transplant

WHY ISCHIA?

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 *P. oceanica* meadow in the area of Punta San Pietro, Ischia (NA), was caused by trenching activities realized to host the Bacoli-Ischia gas pipeline, which is part of IschiaGas S.r.l. The contracting authority of the work was CPL CONCORDIA Soc. Coop.

Posidonia oceanica transplantation was indicated as a compensation measure in the Environmental Impact Assessment decree. The transplant was carried out between November 2008 and February 2009 in an area of about 1.600 m². Several 50x50 cm reinforced concrete frames were utilized inside which a metal poultry fencing net was adapted to secure about 50.000 shoots. Shoots were gathered from the area where the trench was to be excavated before the start of trenching activities.



ISCHIA



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