



Università
Ca' Foscari
Venezia

TITOLO PROGETTO: SERESTO - Habitat 1150* (Coastal lagoon) recovery by SEagrass RESToration. A new strategic approach to meet both Hd and WFD objectives

PROGRAMMA DI FINANZIAMENTO: Life + Nature

BANDO: LIFE12 NAT/IT/000331

STRUTTURA (DIPARTIMENTO/CENTRO): DIPARTIMENTO DI SCIENZE AMBIENTALI, INFORMATICA E STATISTICA

DATI FINANZIARI:

Costo complessivo del progetto	Finanziamento Europeo Complessivo Assegnato
1.563.898,00	1.172.923,00

SINTESI DEL PROGETTO:

The project will be implemented in the Venetian Lagoon, which represents the biggest transitional environment in Europe. Priority habitat no. 1150* (Coastal lagoons) covers about 3,660 ha in the Northern Venetian Lagoon (SCI IT3250031). Seagrass meadows play a crucial role for the habitat preservation, since they support numerous biologic communities that characterize this type of environment and increase the stability of the tidal flats. In the last decades, seagrass meadows have strongly receded in the Venetian Lagoon and, more generally, in the Mediterranean Sea, as a consequence of anthropic activities. Recent regulations have strongly limited disturbance elements, by reducing the nutrient inflow from the watershed ("Ronchi Costa" Decrees, 28 April 1998) and regulating clam harvesting (Province of Venice, 1999). However, if hydrodynamic circulation is limited, as in the case of coastal ponds and in the inner areas of the lagoons, these meadows are unable to recolonize shallows naturally. The project sets the following objectives:

1. Restoring and consolidating water habitats no. 1150* by transplanting of submerged seagrasses;
2. Contributing to achieve a good ecological status of transitional water bodies and demonstrating the effectiveness of the proposed actions to pursue the objectives set in the Framework Water Directive (Dir. 2000/60/EC art. 4);
3. Quantifying and highlighting the value of ecosystem services provided by the lagoon environment, and particularly by the angiosperm meadows in habitats no. 1150*. The proposed actions are coherent with the priorities set in the Italian National Priorities for Life+ Natura (National Strategy for Biodiversity) and in the Protocol on integrated coastal zone management in the Mediterranean to "ensure preservation of the integrity of the coastal ecosystems, landscapes and geomorphology" (art. 5, par. d).

Inizio attività (previsione)	Fine attività (previsione)
01/01/2014	30/04/2018

PARTENARIATO:

1	UNIVERSITA CA' FOSCARI VENEZIA	VENEZIA (IT)	Coordinator
2	Istituto Superiore per la Protezione e la ricerca Ambientale - (ISPRA)	ROMA (IT)	PARTNER

3	Laguna Venexiana ONLUS – (LV)	MESTRE – VENEZIA (IT)	PARTNER
4	Magistrato alle Acque di Venezia - (MAV)	VENEZIA (IT)	PARTNER

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