

Site visit to ECOMAP pilot sites

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June 2022

Project Acronym	ECOMAP
Project ID Number	10047543
Project Title	Ecosustainable management of marine and tourist ports
Priority Axis	Environmental and cultural heritage
Specific objectiv	3.3
Work Package Number	4
Work Package Title	Conversion of touristic and marine ports into ecological poles
Activity Number	4
Activity Title solution	Development and implementation of environmentally-friendly for marinas and nearby area
Partner in Charge	Consortium Future in Research (CFR) – WP4 leader
Partner Involved	Municipality of Podstrana, Sports Fishing Society Strožanac, Maritime Sports Society Špinut, Municipality of Ancona, Bibione Mare spa
Status	Final
Distibution	Public

Introduction

Within the WP4 Conversion of touristic and marine ports into ecological poles, activities of project-based development and application of the up-to-date sustainable solutions for small infrastructure and equipment of marinas and beaches, have been performed. 3 marinas and 1 beach in Croatia and Italy have been awarded with first or renewed environmental certification (Blue flag). The objective of WP4 is to improve ecological status of ports under management of project partners and of nearby area (LP, PP1, PP3, PP5 and PP6) in Italy and Croatia, through implementation of sustainable technologies and environmental certifications. Main delivered outputs have been used by project partners in order to improve their environmentally- friendly services for users.

Development and implementation of environmentally-friendly solutions for marinas and nearby area

Through partner`s collaboration and scientific guidance, sustainable solutions for improvement of ecological status of marinas and nearby area under the management of PPs have been developed and applied at LP, PP1, PP3, PP5 and PP6 premises.

PP1 - Maritime Sports Society Špinut (pilot site: marina Špinut, Croatia) and PP3 - Sports Fishing Society Strožanac (pilot site: marina Strožanac, Croatia) realized the equipment and small infrastructure for collection and treatment of wastewater from moles, as well as system for collection and management of polluted rain waters from repair and maintenance area.

LP- Municipality of Podstrana (pilot site: coastal area of Podstrana), according to highest ecological standards, arranged the beach. The project referred to the installation of two mobile recycling yards in the coastal area of the Municipality of Podstrana with the aim of reducing unsorted waste on beaches. The dredging machine was acquired for the purpose of beach nourishment in Podstrana, cleaning the seabed from waste and providing easier access to boats in the area of the port of Strožanac.

PP5 – Municipality of Ancona (pilot sites: area of Ancona, Marina Dorica)

Wastewater management trolley: Provision of equipment for wastewater management to reduce pollution caused by boats in the open sea. FOAMFLEX200 – an innovative oil absorbent technology for hydrocarbons and their derivatives that were given to the Port Authority and Marina Dorica with the aim to reduce pollution in the Conero area.

PP6 – Bibione Mare (pilot sites: Bibione Mare beach and marina Portobaseleghe)

Water recovery plant in beach showers at Bibione Mare. The project concerns the installation of tanks under the beach showers for the recovery of water to be used for irrigation at the bathing establishments under concession in Bibione Mare Spa. In parallel, to improve the performances of the de-oiling system in the Marina of Portobaseleghe, a system of oil-absorbing re-usable filters were installed in the collection manholes to block the polluted dust, grit and oily waters before their arrival to the main filtration system.

The Cross-border character of the activities was enforced by organizing a cross border visits to pilot sites of the environmentally friendly solutions for marinas and nearby area.

**The visit to pilot sites in Croatia during the Kick-off Meeting,
the 22nd of February 2019**



Beach in Podstrana



Beach in Podstrana



Marina Strožanac, Podstrana



Marina Strožanac, Podstrana



Marina Špinut, Split



Marina Špinut, Split

**The visit to pilot site in Bibione during the Technical Meeting in
Bibione and Trieste,
the 2nd of May 2019**



Beach in Bibione



Beach in Bibione



Marina of Portobaseleghe, Bibione



Marina of Portobaseleghe, Bibione

**The visit to pilot site in Bibione during the Technical Meeting in
Bibione and Trieste,
the 27th of July 2020**



Marina of Portobaseleghe, Bibione



Marina of Portobaseleghe, Bibione

**The visit to pilot sites in Croatia during the Third Partner and Steering Committee Meeting in Split,
the 5th of November 2020**



Marina Strožanac, Podstrana



Marina Strožanac, Podstrana



Beach in Podstrana



Marina Špinut, Split



Marina Špinut, Split



Marina Špinut, Split



Marina Špinut, Split



Marina Špinut, Split



Marina Špinut, Split



Marina Špinut, Split

**The visit to pilot site in Ancona during the Fourth Partner and
Steering Committee Meeting in Ancona,
the 21st of July 2021**



Marina Dorica, Ancona



Marina Dorica, Ancona



Marina Dorica, Ancona



Marina Dorica, Ancona



Marina Dorica, Ancona



Marina Dorica, Ancona

**The visit to pilot site in Bibione during the Fifth Partner and Steering
Committee Meeting in Trieste,
the 17th of January 2022**



Beach in Bibione



Beach in Bibione



Marina of Portobaseleghe, Bibione



Marina of Portobaseleghe, Bibione

18th of January 2022 visit of the Miramare Natura2000 site



**The visit to pilot sites in Croatia during the Final Conference in
Podstrana,
the 7th of June 2022**



Marina Špinut, Split



Marina Špinut, Split



Marina Špinut, Split



Beach in Podstrana



Beach in Podstrana



Beach in Podstrana



Beach in Podstrana



Marina Strožanac, Podstrana



Marina Strožanac, Podstrana



Marina Strožanac, Podstrana



Marina Strožanac, Podstrana



Municipality of Podstrana
Andrijana Dedić

Trg dr.Franje Tuđmana 3, 21312 Podstrana

andrijana.dedic@podstrana.hr

Tel.: +385 21 66 66 00

www.italy-croatia.eu/ecomap