

Small scale infrastructure for improved management of waste waters and rain waters in marinas

Deliverable D.4.1.1.

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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	1
Activity Title	Development and implementation of environmentally-friendly solution for marinas and nearby area
Partner in Charge	Consortium Future in Research (CFR) – WP4 leader
Partner Involved	Sports Fishing Society Strožanac, Maritime Sports Society Špinut
Status	Final
Distribution	Public

MARITIME SPORTS SOCIETY ŠPINUT - PŠD ŠPINUT (PP1)

Infrastructures list

Title 1

Construction works - Concrete wells for collecting waste waters from vessel washing in marina Spinut

Construction of concrete wells for collecting waste waters from vessel washing before purification in marina Spinut is needed to achieve project specific objective 2. To improve ecological status of ports through implementation of sustainable technologies, since waste waters from washing vessels is one of the main sources of sea pollution in marinas. Those waste waters need to be collected in wells before treatment and final disposal.

Concrete wells - Three groups of concrete wells were built in three places where ships are washed.



Title 2

Concrete drainage ducts with galvanized iron gratings for maintenance area and concrete separators

Construction works for Concrete drainage ducts with galvanized iron gratings and concrete separators for collecting rain waters from area for ship repair and maintenance works in marina Spinut is needed to achieve P.S.O.2. To improve ecological status of ports through implementation of sustainable technologies. Rain waters become polluted with debris and contaminants, forming in area for ship repair and maintenance works, and can pollute the sea and the coast, if not collected and purified. Rain waters need to be collected via drainage ducts in concrete separators.

Concrete drainage ducts





Concrete separators



SPORTS FISHING SOCIETY STROŽANAC – DŠR STROŽANAC (PP3)

Infrastructure list

Title 1

Construction work- concrete wells for collecting wastewater from vessel washing in marina Strožanac

Construction of concrete wells for collecting wastewater from vessel washing before purification in marina Strožanac is needed to achieve project specific objective 2. To improve ecological status of ports through implementation of sustainable technologies, since wastewater from washing vessel is one of the main pollutions. These wastewaters need to be collected in wells before treatment and final disposal.

Concrete wells- two groups of concrete wells were built in two places.

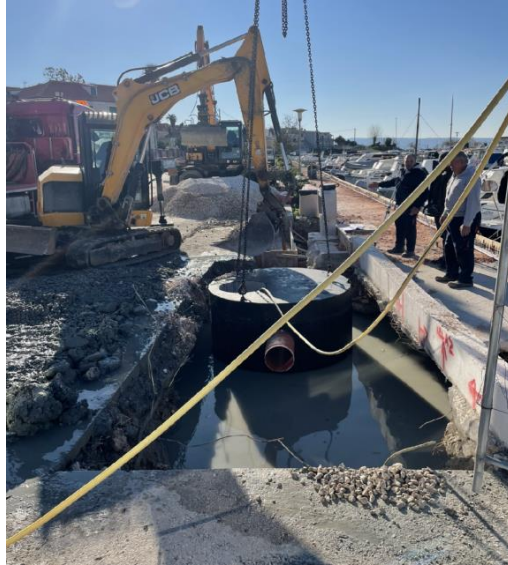


Title 2

Concrete drainage ducts with galvanized iron gratings from maintenance area and concrete separators

Construction work for concrete drainage ducts with galvanized iron gratings and concrete separators for collecting rain waters from area for ship repair and maintenance works in marina Stozanac is needed to achieve P.S.O.2 to improve ecological status of the ports through implementation of sustainable technologies. Rainwater becomes polluted with contaminants, from area of the ship repair, and can pollute the sea and the cost if it is not collected and cleaned. Rain waters need to be collected via drainage ducts in concrete separators.





Concrete separators

