



CO-EVOLVE

Promoting the co-evolution of human activities and natural systems for the development of sustainable coastal and maritime tourism

FACTSHEET #16

CATTOLICA PILOT AREA

SUMMARY:

For years the Cattolica harbour has been subject to landfill due to Tavollo creek transport, and the harbour mouth, from the sea solid transport. The Action Plan for the sustainable tourism of the Cattolica Area aims to evaluate sustainable solutions for the management of the seabed and to improve water consumption, pollution and waste production. A participatory process was co-designed with local stakeholders to develop this plan.

The Cattolica pilot area is a typical urbanised coastal area with a multi-purpose harbour (fisheries, shipyard, production of crafts, pleasure boats marina) and a seaside resort structured with bath-house facilities.

The harbour of Cattolica coincides, it is in the main canal, with the Tavollo river terminal stretch that flows inside the inhabited areas of Cattolica and Gabicce Mare.

The harbour is classified as being of regional importance in accordance with the integrated regional transport plan pursuant to Art. 3 of the Regional Law of 1 December 1979 n.45;

For years the harbour has been subject to landfill due to Tavollo creek transport, and the harbour mouth, from the sea solid transport,

which, in addition to endangering activities related to fishing and local shipping, has led to a decrease the attractiveness of the harbour and of the seaside area to tourists, difficulties and crisis in human activities reflecting on the local economy and employment.



Fig 1. Cattolica pilot area



The System is composed of two ejectors, each fed with pressurized water from a dedicated submerged pump. The supplied flow is adjustable, even remotely, by inverter. There is also a pressure measurement at the pump outlet. The operating mode of the pumps is programmable by time slot.

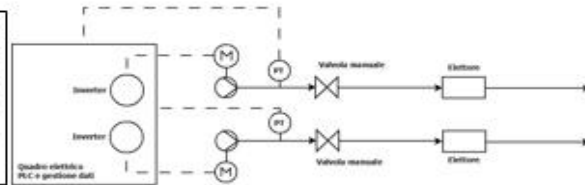


Fig 2. The scheme of the system for the management of port seabed

The actions proposed for the Action Plan of the Port of Cattolica are:

The Action Plan for Sustainable Tourism of the Cattolica Harbour

A plan of actions was therefore developed relating to tourism and economic activities - to improve water consumption, pollution and waste production - and to evaluate sustainable solutions for the management of the seabed, in order to reduce the need for dredging, starting a path of collaboration between the various public and private entities operating in the port area.

The participatory process was co-designed with local stakeholders along these lines. Over the past twelve months, four laboratories have been set up in Cattolica that have involved different stakeholders: public bodies, universities, associations and companies. The public event "Ti Porto nel Cuore" that was held on 14 March 2019, was an opportunity to present the ideas and proposals that emerged during the 4 workshops.

- Indications for a Protocol of Understanding aimed at managing the seabed of the harbour complex;
- Feasibility project for the realisation of an overall system for remodelling and managing the seabed with the use of ejectors (small-scale investment);
- Indications for separate waste collection in the port area.



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