

CO-ordinated Approach for Sediment Treatment and Beneficial reuse in Small harbours neTworks

Project Life ENV/IT/426: COAST-BEST



Coordinating Beneficiary: Dipartimento di Ingegneria Civile, Edile e Ambientale, Università di Roma "La Sapienza"

Associated Beneficiary: Istituto Superiore per la Protezione e la Ricerca Ambientale (ISPRA), ARPA Emilia Romagna, SOGESID S.p.A., Dipartimento di Geoingegneria e Tecnologie Ambientali – Uni Cagliari, Envisan, I.CO.P., LabelLab

Co-financer: Regione Emilia-Romagna

Where: Emilia-Romagna, Lazio, Sardegna (ITALY)

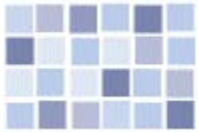
Investigation Area: 9 small harbours of the Emilia Romagna region (Cattolica, Porto Verde, Riccione, Rimini, Bellaria, Cesenatico, Cervia, Porto Garibaldi, Goro)



Start: 01/01/2010
End date: 31/12/2012

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Action 1: State of the Art

Action 2: Characterization of Dredged sediments

Action 3: Design, Start-up and operation of a treatment train process

Action 4: Implementation of an Integrated System for Dredged Sediment Management

Action 5: Design and Experimental Study

Action 6: Project Management and Monitoring

Action 7: Dissemination

Main **objective** of the project is to **preserve** the quality of coastal zones through integrated management of sediments from dredging activities in small harbours. The project will focus on the actions to be undertaken to **promote environmentally friendly use** of such fractions in an integrated system involving beach nourishment applications, reconstruction of morphological profiles as well as industrial applications. Such an approach will result in **reducing land use for final disposal** and consumption of natural primary resources. The transparency and measurability of procedures will assure reproducibility and communicability of results.

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