



Life 15 | Marina Plan Plus

Reliable and innovative technology for the realization of a sustainable **MARINE** And coastal seabed management **PLAN**

COORDINATORE



trevispa.com

Trevi is a company specialized in the field of special foundations and soil consolidation works and belongs to Trevi Group, a worldwide leader in foundation engineering and in the design and production of rigs and special equipment.

Trevi was established in Cesena in 1957; it acquired a wide and long-term experience in the sector of foundation engineering and its leadership is acknowledged worldwide; a transversal competence finding application in a wide spectrum of activities all over the world. Trevi operates in more than 40 countries with its wholly owned subsidiaries.

Among its main activities, these are the ones worth being mentioned: special foundations, tunnel excavation and consolidation, marine works, repair works for dams, soil consolidation, remediation of polluted sites, construction of automated underground car parks, foundation works for private households. In all these sectors, Trevi showed off its ability to solve any problems related to subsoil engineering

PARTNERS



comunecervia.it

Cervia Municipality has around 30.000 inhabitants and is located in the Emilia Romagna Region, on the Adriatic coast. It belongs to Ravenna Province and consists of an urban centre and of different localities situated across a vast territory covering 82,19 Km².

The Municipality is in charge of harbour management. Marina di Cervia is located on the NE side of the old harbour, an area intended to host recreational craft, made up of a dock with 8 piers. The harbour can accommodate 300 boats with a maximum length of 22 m.

Cervia Harbour is cyclically affected by silting phenomena. The technological solutions adopted until now, including seasonal dredging and/or sand handling through barge a elica as well as docks' lengthening (completed in 2009), didn't solve the problem and caused both sea pollution and financial strain.



unibo.it

Bologna University (Unibo), founded in 1088, is the oldest University in Western Europe. Nowadays, it still remains one of the most important Higher Education Institutions across Europe with 11 Schools, 33 Departments and about 87.000 students within a multi-campus structure.

Unibo places special emphasis on achieving Excellence in Education and Research: the Teacher, Technical and Administrative Staff Community is made up of about 6000 people; activities include 212 Degree Programs, 40 International Degree Programs, 53 PhD Programs, 50 Specialised Schools, 61 first-level and second-level Master's Degree Programs

Activities related to European Funding Programs are supported by the European Research and Innovation Office, with more than 10-year experience in European projects, assisting Research Groups during the project "lifecycle": networking and lobbying, establishment of Consortia, drawing up of proposals, negotiation and project management.

In Europe, Unibo is a member of the major European Networks involved in Research and Innovation initiatives, such as ETP Suschem, PPP Spire, ECRA and obtained 91 million Euros from the Seventh Framework Programme and other EU-funded programs (from 2007 to September, 2013).



icomia.com

The International Council of Marine Industry Associations (ICOMIA) is the International Trade Association whose members have been representing the global Maritime Industry since 1966.



Cervia Project

Beginning:	October 3, 2016
Duration:	39 months
EC Funding:	1.452.807 Euros (57,7%)
Total amount	2.519.245 Euros

TIMESCALE AND ACTIVE INVOLVEMENT – CERVIA HARBOUR

ATTIVITÀ	16	2017	2018	2019
Preliminary tests				
Plant's design				
Plant's setting up and testing				
Design of Maintenance plan				
Plant's monitoring				
Dissemination and Communication				
Project management				

Preliminary tests at the harbour will start in October 2016 and will be completed in March 2017, whereas activities concerning installation and continuous operation of the demonstration plant will start in September 2017 until March 2019. Moreover, monitoring activities (i.e. bathymetric measurements and collection and analysis of sediment samples) will also be carried out.

The project consists of 8 “actions” which involve both technical and communication + management activities.

To summarize, the project entails:

- Setting up of a preliminary test field
- Design, setting up and running of an innovative silting plant at the entrance of Cervia Canal Harbour
- Assessment of the technical-economical and environmental impact of the new tested technology

