



“SOLID TRANSPORT CONTROL IN THE RIVERS AND MONITORING OF THE BEACH IN A NOURISHMENT OF POTENZA RIVER MOUTH”

ATHENE 27th – 28th January 2005

PP3

MARCHE REGION

Territory and Environment Department

**Service for public Works - Environmental Impact Evaluation
– Integrated Management of the Coastal Areas**

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PROJECT**



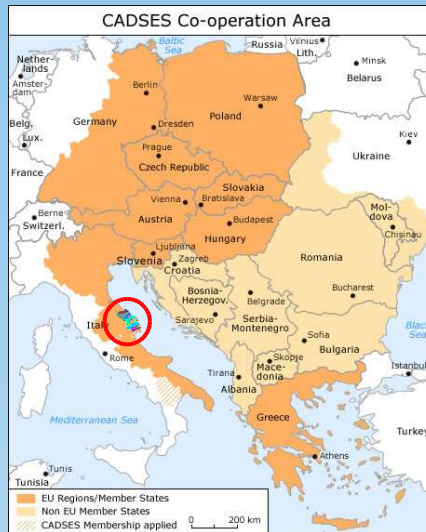
PROGETTO 3B005: CADSEALAND

Partner: PP3 – Marche Region – Dep. for Territory and Environment - Service for Public Works and Environmental Impact Evaluation - Integrated Management of the Coastal Areas

Total financial contribution (EU+co-financing in €): € 499.992,00

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Role of the partner in the implementation and the management of the project:

- monitoring solid transport in the rivers;
- following the distribution of solid transport in an artificial nourishment;
- set up a data bank and an integrated land-sea territorial information system.



WORK PACKAGES N. 3

Sediment Transport And Coastal Morphology In Specific Areas

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MILESTONES PER WORK PACKAGE

1	06/04	Overview of scientific knowledge in the sector, collection of material for the construction of a territorial data-bank, collection of samples for analyses, analyses of samples, creation of a data bank, installation of monitoring devices in the test basin, beginning of instrumental monitoring along rivers and basin, updating of the data base, individuation of the study sites, definition of a specialization course.
2	12/04	Creation of GIS, beginning of study of interventions on streams and basins, completion of the monitoring network in the basin, monitoring of the test basin, installation of monitoring devices for the test beach, beginning of instrumental monitoring along the beach, collection of samples for analyses, analyses of samples, updating of the data base, analysis of the data base, creation of thematic maps from the collected data, individuation of sites for sand exploitation, drafting of project for beach nourishing, start of the specialization course.
3	06/05	Beach nourishing, creation of a WEB site, completion of the monitoring network, monitoring of basin and beach, collection of samples for analyses, analyses of samples, updating of the data base, analysis of the data base, creation of thematic maps from the collected data, completion of study of interventions on streams and basins, completion of the specialization course.
4	12/05	Beginning of interventions on streams and basins, monitoring of basin and beach, collection of samples for analyses, analyses of samples, updating of the data base, analysis of the data base, creation of thematic maps from the collected data
5	06/06	Monitoring of basin and beach, collection of samples for analyses, analyses of samples, updating of the data base, analysis of the data base, creation of thematic maps from the collected data, trend analyses of beaches and rivers, completion of interventions on streams and basins.
6	12/06	Monitoring of basin and beach, collection of samples for analyses, analyses of samples, updating of the data base, analysis of the data base, creation of thematic maps from the collected data, analysis of effects of interventions, drafting of technical rules for interventions, drafting of the final reports.



ACTION PLAN

3.1	01/04	12/04	Review of techniques for monitoring solid transport and analysis of mineralization level of sediments.
3.2	01/04	12/04	Review of techniques for recovering materials to be used in artificial nourishing of shores.
3.3	07/06	12/06	Definition of technical rules for coastal area preservation at regional level.
3.4	01/04	06/05	Integrated land-sea information system.
3.5	01/04	06/06	Monitoring in the Potenza river basin.
3.6	01/04	12/06	Analysis of the Potenza river basin.
3.7	07/05	6/06	Interventions in the Potenza river basin.
3.8	07/04	12/04	Analysis of sand deposits for artificial nourishment of a test site at the outlet of the Potenza river.
3.9	01/05	06/05	Artificial nourishment of a test site at the outlet of the Potenza river.
3.10	07/04	12/06	Monitoring of the test beach.
3.11	01/04	06/05	Organization of a course for the training of technical staff capable of carrying out sampling, monitoring and analyses in fluvial and coastal areas.

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