

TRITON

Interreg
Greece-Italy
European Regional Development Fund



Development of management Tools and diRectives for Immediate protection of biodiversity in coastal areas affected by sea erOsion and establishment of appropriate eNvironmental control systems



Messolonghi Lagoon

Project co-funded by European Union, European Regional Development Funds (E.R.D.F.)
and by National Funds of Greece and Italy

ABOUT TRITON

The Apulian and Western Greece coastlines are facing significant erosion impacts due to natural causes (extended fetches, stormy winds, high waves and strong currents) and man-induced causes (such as urban expansion, touristic development and single-purpose coastal and/or watershed infrastructures).

Despite the Protocol on Integrated Coastal Zone Management (ICZM) in the Mediterranean signed in 2008, the problems remain, affecting people and ecosystems: although the ICZM approach and principles are valid in both countries, there is a further need to support ICZM implementation.

Triton aims to reduce the consequences of coastal erosion by bridging the policy-implementation gap in Integrated Coastal Zone Management in the area of intervention, improving the integration of coastal zone policies within broader spatial planning and socio-economic policies.

Triton is based on a system of cross border actions which will lead the project partners to develop a model of ICZM between Apulia and Western Greece capable to contribute at achieving the overall objective of creating decision support tools for Integrated Coastal Management Zone at local and regional level.

OBJECTIVES

- Increase the cost-effectiveness of decisions made in the field of coastline management;
- optimise the expenditure related to coastal data production and processing through common GIS/SIT web-based tools;
- support a wider diffusion and better integration of coastal erosion concerns in planning and investment decisions, through the adoption of Environmental Assessment instruments;
- transfer knowledge from public sector to direct beneficiaries and investors to balance the impact, cost and risk of human induced coastal erosion;
- assess common monitoring methodologies and mapping of risk tools to be incorporated into planning and investment policies for mid and long-term period;
- support the municipalities and operators in accessing funding instruments provided by the European Investment Bank (EIB), the European Investment Fund (EIF) and the Executive Agency for Small and Medium-sized Enterprises (EASME).



*Seaweed accumulation along an eroded beach
(Patraic Gulf, Western Greece)*

ACTIVITIES AND OUTPUTS

MAPPING AND PLANNING OF TOOLS AND FRAMEWORK

TRITON encompasses

- A toolkit of policy instruments for policy makers and a set of shared indicators and decision support tools for the operational mapping and monitoring of coastal erosion risk at local and regional scale;
- a draft of Greece and Italy cross-border cooperation legislation for coastal zone management matters;
- a position paper toward the common operative plan adoption for coastal zone management at the Adriatic-Ionian Region level;

PILOT CASES ON ICZM

The project provides

- A web-based participatory GIS/SIT tool empowering inhabitants to communicate with the local and regional authorities and to achieve collaboration of all stakeholders in coastal zone management governance;
- pilot observatory in the area of intervention for the creation of a shared model of data collection and monitoring of coastal erosion effects;

TRAINING & EDUCATION

TRITON offers

- An international training course for staff of stakeholders and professional associations on coastal zone management;
- a framework for local authorities and regional stakeholders to access to EIB funds for ICZM's intervention.



*Coastal erosion in the area of intervention
(Patraic Gulf, Western Greece)*



Apulian coastlines face significant erosion impacts due to stormy winds, high waves and strong currents

THE TRITON PARTNERSHIP

Lead Partner 1

APULIA REGION - DEPARTMENT OF ECONOMIC DEVELOPMENT, EDUCATION, INNOVATION, TRAINING AND EMPLOYMENT

<http://www.regione.puglia.it/home>



Duration: 24 months

Budget: 858.489,59€

Priority Axis 2:

Integrated Environmental Management

Thematic objectives /priorities:

06-Preserving and protecting the environment and promoting resource efficiency

Investment priority:

6d-Protecting and restoring biodiversity and soil and promoting ecosystem services, including through Natura 2000, and green infrastructure

Specific objective:

S02.2-Improvement of joint management and governance plans for biodiversity of coastal and rural ecosystems, paying attention on natural resources and protected areas and development of environmental protection measures

Categories of intervention:

7085-Protection and enhancement of biodiversity, nature protection and green infrastructure

Partner 2

EURO-MEDITERRANEAN CENTER FOR CLIMATE CHANGE

<https://www.cmcc.it/about-cmcc-description>



Partner 3

REGION OF WESTERN GREECE

<https://www.pde.gov.gr/gr/index.php>



Partner 4

EGTC Efxini Poli - Network of European Cities for Sustainable Development

<http://www.efxini.gr/>



Partner 5

UNIVERSITY OF PATRAS, Special Account for Research Grants

<http://www.upatras.gr>



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