



geoPORtal of TOols & Data for sustalnable Management of coAstal and maRine Environment









PORTODIMARE

geoPORtal of TOols & Data for sustainable Management of coAstal andmaRine Environment

A project supported by the Interreg ADRION Programme, funded under the European Regional Development Fund and IPA II Fund

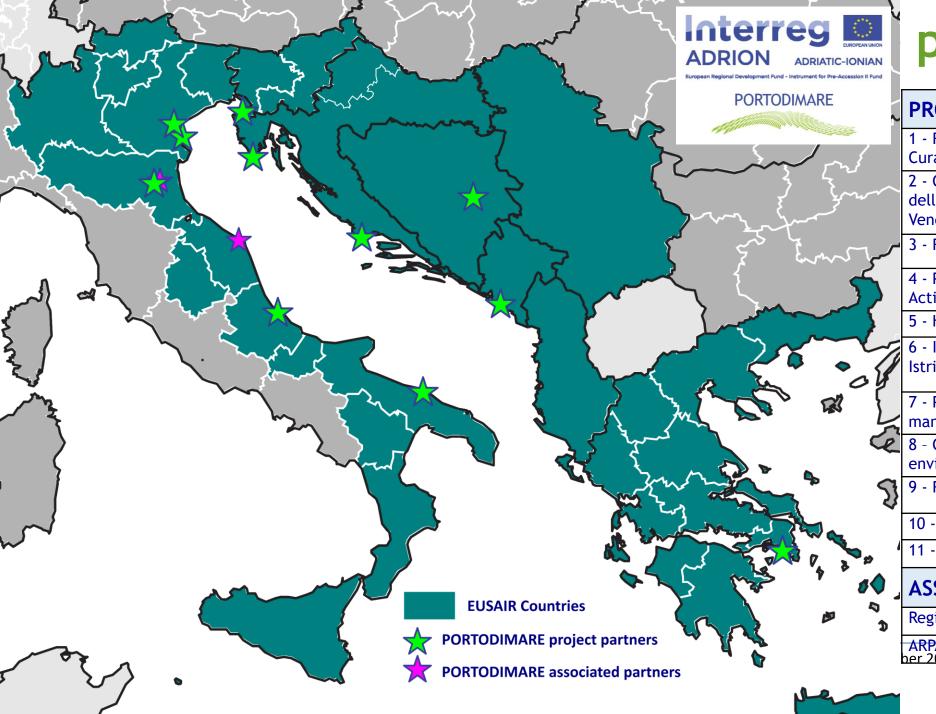
Project total budget: 1.581.219, 65 EUR

ERDF: 1.382.189,65 EUR IPA II: 199.030,00 EUR

Project duration: February 2018 - January 2020

Lead Partner: Emilia-Romagna Region, DG Cura del Territorio e dell'Ambiente





partnership



PROJECT PARTNERS

- 1 Regione Emilia-Romagna, Direzione Generale Cura del Territorio e dell'Ambiente - IT
- 2 CORILA Consorzio per il Coordinamento delle Ricerche inerenti al Sistema Lagunare di Venezia - IT
- 3 Regional development centre Koper SI
- 4 Priority Actions Programme / Regional Activity Centre Split HR
- 5 Hellenic Centre for Marine Research GR
- 6 Institute for Physical Planning Region of Istria- HR
- 7 Public enterprise for coastal zone management of Montenegro ME
- 8 Centre for economic, technological and environmental development Sarajevo BA
- 9 Regione Puglia Protezione Civile
- 10 Regione Abruzzo
- 11 Regione Veneto

ASSOCIATED PARTNERS

Regione Marche

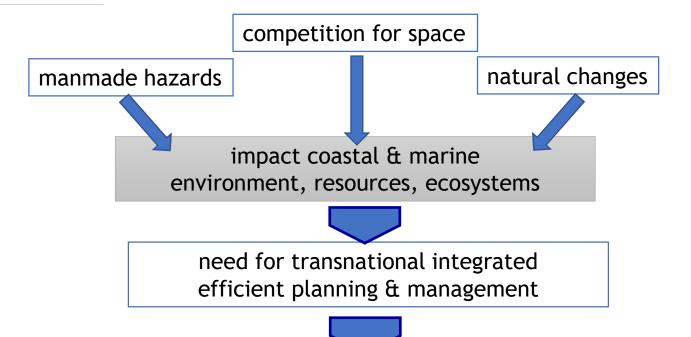
ARPAE Emilia-Romagna ber 2019





the rationale





PORTODIMARE creates a common platform (**Geoportal**) for data, information and decision support tools focused on coastal & marine areas of the Adriatic-Ionian Region

sustainable development of marine & coastal areas within the framework of MSP Directive, ICZM Protocol, EUSAIR Action Plan







project ecosystems and trajectories





SHAPE











Ritmare,











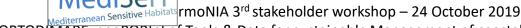






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PORTODIMARE: geoPORtal of Tools & Data for sustainable Management of coastal and marine Environment Olga Sedioli – Emilia-Romagna Region









pressures on environmental components

Oil spill coastal

Particles / conservative contaminants dispersion

GAIR & modules

Analysis of conflicts & synergies among sea uses

vulnerability

PORTODIMARE the Geoportal of Adriatic-Ionian Region (GAIR)

Cumulative

impacts of anthropogenic

Small Scale Fisheries (SSF) footprint

Optimal aquaculture siting and evaluation

Medium Scale Fisheries (MSF) footprint, cumulative impact of SSF and MSF







Pilot actions: testing the Geoportal

- study "Threats to coastal & marine biodiversity. Step-by-step towards ecosystem-based approach in Vrsar and Funtana islands" (HR)
- evaluating sea uses sustainability in Emilia-Romagna (IT)
- spatial conflicts among human activities as well as with conservation priority areas in Western Greek waters (GR)
 - Abruzzo Region coastal evolution mapping (IT)
- Spatial conflicts among existent uses & legal regimes on sea -coastal strip along Slovenian and Bosnian coast (SI & BA)
 - Oil spill coastal grounding response (IT)







PORTODIMARE for EUSAIR





Fisheries & aquaculture

integrating/developing tools for sustainable fisheries and optimal aquaculture siting

Maritime & marine governance / services

increasing institutional capacity to harmonize standards/regulations by the implementation of MSP & ICZM processes, and by promoting data availability and **knowledge** management according to the open data principle through the creation of the Geoportal



The marine environment

increasing marine knowledge as a sound basis for actions related to MSP, ICZM and MSFD through the creation of the Geoportal, and by providing tools to support the decision making & planning processes.

Terrestrial habitats & ecosystems

promoting the ecosystem-based approach & the **networking** of protected areas (green/blue corridors)



Maritime transport & Energy networks

data & knowledge sharing favorizes a proper development & management of these human activities in a **sustainable** and multi-use context, avoiding conflicts and maximizing synergies

Support to **contingency plans** in response to pollution & risks



Macro-regional routes

the Geoportal provides data & tools for evidence-based solutions

Attractiveness

by enhancing the **networking of protected areas** and the sustainability of human activities, the project creates the basis for a healthier and attactive Region



PORTODIMARE

PORTO DI MARE

geoPORtal of TOols & Data for sustalnable Management of coAstal and maRine Environment

Welcome to the Geoportal of Adriatic-Ionian region

The Geo data portal of Adriatic Ionian Region (GAIR) provides access to numerous datasets related to coastal and marine areas and to several modules for Integrated Coastal Zone Management (ICZM) and Maritime Spatial Planning (MSP) analysis and risk evaluation. It represents a relevant and original improvement supporting transparent and efficient decision-making processes. The Geoportal improve transnational cooperation between AIR Countries on maritime and marine governance and services, i.e. ICZM/MSP, and an important support to the EUSAIR Action Plan implementation, cross-cutting to the 4 Pillars of the Strategy.

Discover the available datasets.































AQUACULTURE BIOLOGICAL

CHARACTERISTICS CABLE &

SUBMARINE **PIPELINE** ROUTES

DEFENCE

COASTAL LAND USES / ACTIVITIES

CULTURAL HERITAGE

SPECIES

CONSERVATION SITES & PROTECTED

AREAS

FCONOMIC INDICATORS

RAW MATERIAL EXTRACTION ARFAS

INDICATORS

POPULATION

MARITIME BOUNDARIES

TRANSPORT AND TRAFFIC







CHARACTERISTICS





IMPACTS







RESEARCH









SPATIAL POLICY

(LEGAL STATUS)

thanks for attention!

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