



ECOMEDPORT WEBINAR

Organized by INSTM

Tunisia 26th June 2020, 10:30 AM - 12:00 AM

Mediterranean initiatives and overall strategy framework in which ECOMEDPORT is located

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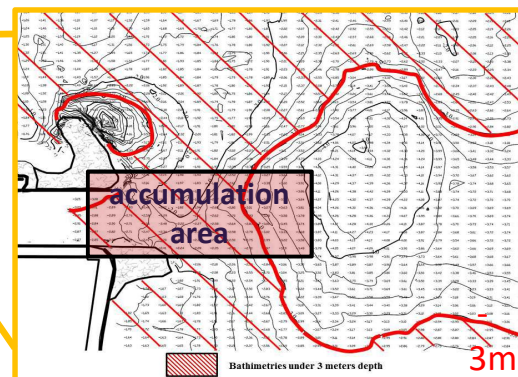
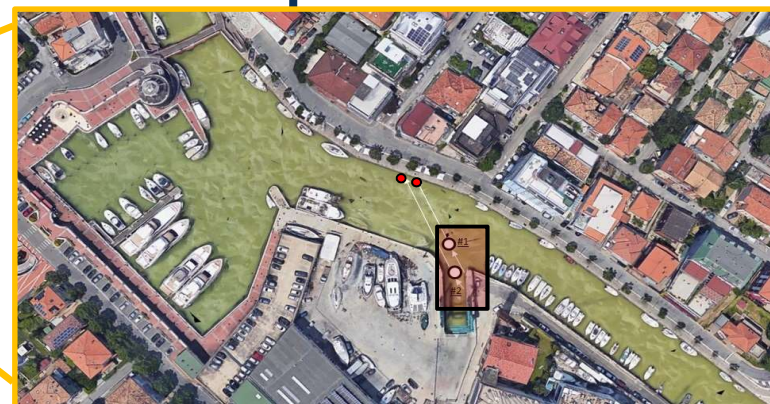


ECOMEDPORT - Feasibility Study of an Ecosystem-oriented Plant for Sediments Management in Mediterranean ports and marinas

TECHNOLOGY ALREADY APPLIED IN 2 PORTS OF EMILIA-ROMAGNA REGION



ECOMEDPORT



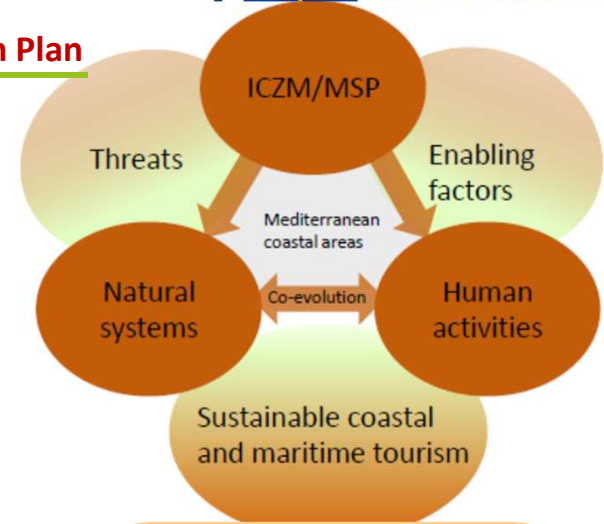
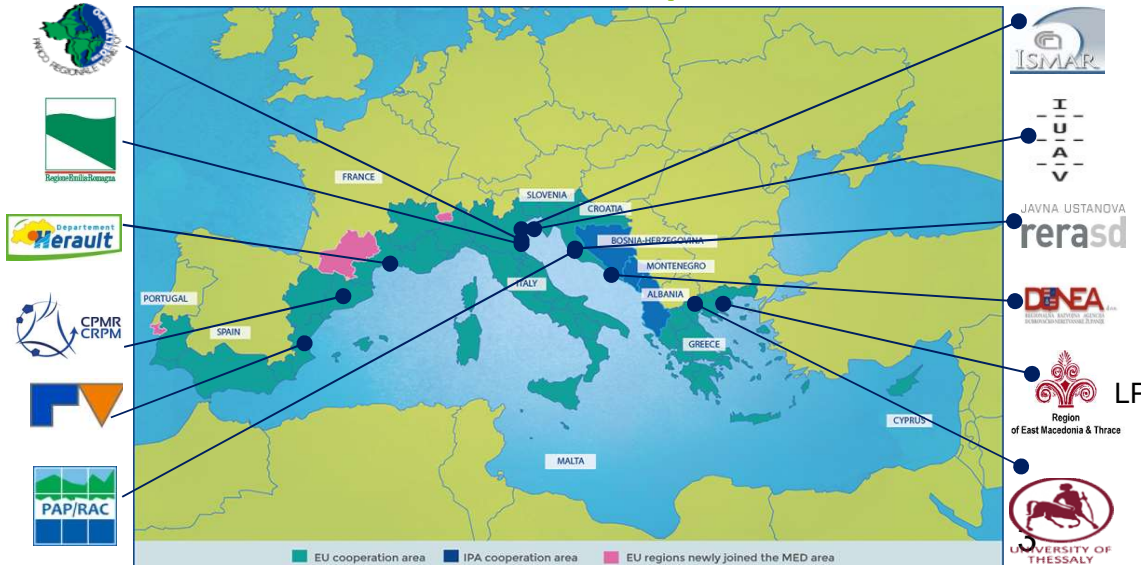
CO-EVOLVE

Strategic Theme 2 of the "Bologna Charter" Joint Action Plan

General Objective

CO-EVOLVE aims at analyzing and promoting the co-evolution of human activities and natural systems processes in touristic coastal areas, allowing the development of Coastal and Maritime Sustainable Tourism along with ICZM/MSP principles

Partnership



CO-EVOLVE 5+5 T&E factors

Threats:

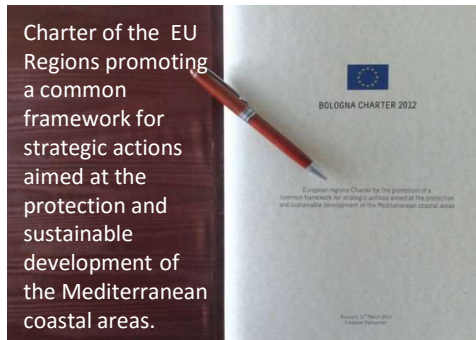
- ✓ Climate Change and Morphological Instability
- ✓ Littoralization and Urbanization
- ✓ Touristic Fluxes and Carrying Capacity
- ✓ Pollution and Ecosystems Alterations
- ✓ Conflicts in Land-Sea Uses and Interaction

Enabling Factors:

- ✓ Coastal Protection Measures
- ✓ Ecosystems Protection
- ✓ Water Supply and Depuration
- ✓ Transport and Accessibility
- ✓ Governance (Legal, Administrative, Financial)

Policy Document

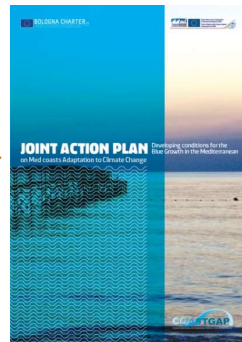
Signature 2013



www.bolognacharter.eu

Joint Action Plan (JAP)

2015



www.bolognacharter.eu/the-joint-action-plan

2019



1st Revision 2015
2nd Revision 2019

Concrete actions & projects

+ than 500 M€
in 6-7 years
2015-2022
for coastal
interventions
1st phase

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Acknowledged by the INTERREG MED Operational Program 2014-2020

1.1.1.4 Assessment of challenges and needs for the Programme – [...] Common challenges for Mediterranean coastal areas are listed in the Bologna Charter that highlights especially the risks related to climate change effects, urban pressure and the necessity to better promote cooperation between regional partners. 2.A.4 Investment priority 6.d – [...] The resolution of the Bologna Charter and especially the need to improve the cooperation between regional partners in Mediterranean coastal areas will be considered.

Acknowledged by the WEST MED Strategy initiative - FRAMEWORK FOR ACTION SWD(2017) 130 final

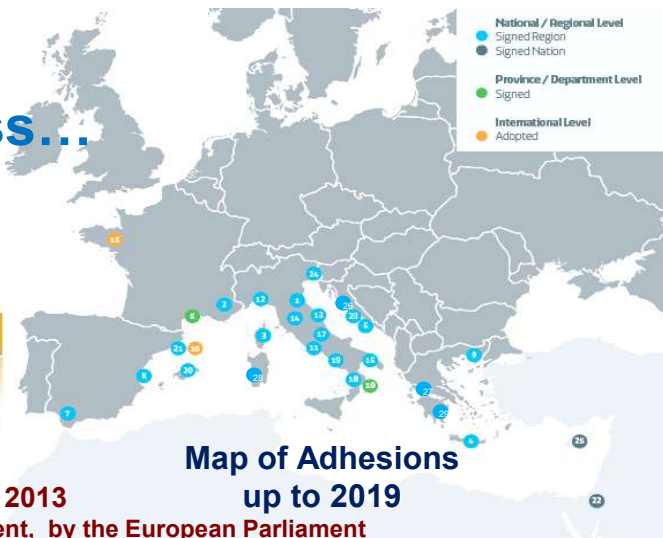
3.2 Maritime and marine knowledge (data gaps, data analysis and sharing) – Bologna Charter jointly with BLUEMED initiative - Action: Maintain updated data/information on erosion phenomena and coastal risks by harmonizing and expanding the coastline monitoring systems for basin scale R&I activities – Expected Results: Jointly develop robust and shared strategies and tools for assisting Adaptation to Climate Change in the Mediterranean region.

A policy paper and a participated process...

...capitalizing more than 15 years of regional cooperation in the Med area

Preparation of the **Joint Action Plan** outlined in the **Bologna Charter**

Participated process



Signature in Brussels, 21 March 2013
within the MAREMED Project final event, by the European Parliament



- | | |
|---|---|
| 1 Emilia-Romagna Region | 18 Calabria Region |
| 2 Région Provence-Alpes- Côte d'Azur | 19 Campania Region |
| 3 Collectivité territoriale de Corse | 20 Govern de les Illes Balears |
| 4 Decentralized Administration of Crete | 21 Generalitat de Catalunya |
| 5 Département de l'Hérault | 22 Ministry of Environmental Protection of Israel |
| 6 Dubrovnik - Neretva County | 23 Split - Dalmatia County |
| 7 Junta de Andalucía | 24 Friuli Venezia Giulia Region |
| 8 Generalitat Valenciana | 25 Ministry of Communications and Works of Cyprus |
| 9 East Macedonia and Thrace Region | 26 Sibenik-Knin County |
| 10 Crotone Province | 27 Western Greece |
| 11 Lazio Region | 28 Sardegna Region |
| 12 Liguria Region | 29 Attica Region |
| 13 Marche Region | |
| 14 Toscana Region | |
| 15 Intermittent Commission of the CPMR | |
| 16 Puglia Region | |
| 17 Abruzzo Region | |

2014 - Bologna Charter
Coordination Board
start within IMC-CPMR

COASTGAP

Barcelona
Sept 2014
meeting with
UfM

Brussels
May 2014
meeting with
EU DGs



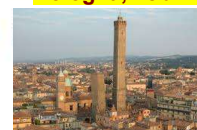
Rome, Nov '14



Montpellier, Jun '14



Bologna, Feb '14



REPORT

BC main areas of cooperation & intervention in the Mediterranean

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- ❖ **Network of Coastal Observatories** for the monitoring, management of risks and erosion phenomena, defense interventions & sediment stocks management;
- ❖ **Survey of the erosion status and trends & flood hazard** suitable for territorial planning and adaptation measures;
- ❖ **Sustainable use of strategic resources:** the coastal territory (to face the “littoralization” process) and coastal & submarine stocks of sediments (to face erosion and Climate Change impacts, favoring new market potentials at Med level);
- ❖ **Integrated territorial planning & application of ICZM / MSP principles** for the sustainable development of the Mediterranean coasts, landscape-environment-ecosystems protection, risk adaptation & coastal resilience;
- ❖ **Structural interventions along Med coasts** consistent with integrated planning processes, for the implementation of an adaptive policy to the natural & anthropogenic risks
- ❖ **Projects-clustering** for synergies, capitalization of projects achievements and further developments

BC initiative participation up today

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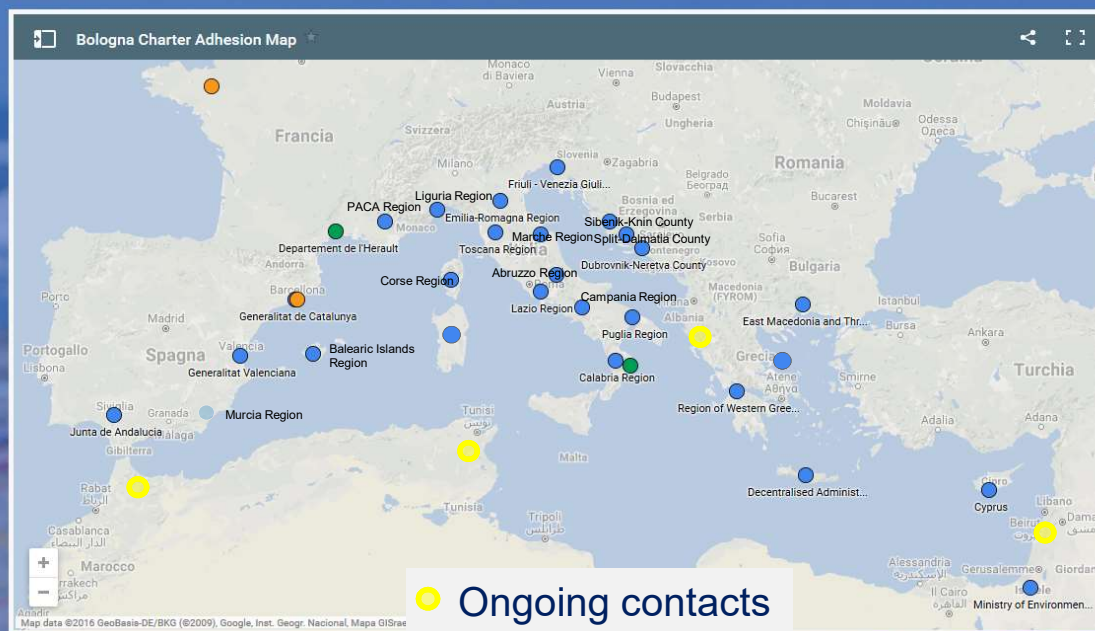
29 Regional Administrations
of 7 Med Countries & the
Intermediterranean
Commission of the CPMR

Acknowledged by
**Ministries of Italy,
France, Greece, Cyprus**

Acknowledged by
**Interreg MED
Programme,
WestMed EU Initiative**

Adhesion map

Administrations/Territorial bodies are grouped in three main territorial level: international level, regional/county level and province/department level.
26 administration/territorial bodies have already joined the Bologna Charter plus the Intermediterranean Commission of the CPMR that adopted the charter in June 2013



BC' JOINT ACTION PLAN on Med coasts Adaptation to Climate Change

ST1 Strategic Themes	Action lines
Development of knowledge, network-based monitoring, data management systems	Asses coastal assets, dynamics, phenomena and risks / Build an Observatory network / Individuate Sediments stocks
ST2 Coastal Governance and sustainable use of resources for developing Blue Growth in Med	Sustainable management of coastal spaces, sediments, strategic resources/ Integrated management, coordination mechanisms
ST3 Support Research & Innovation projects clustering and implementation	Innovation in coastal protection & adaptation measures, interact with EU Research programs (H2020) & initiatives (BLUEMED)
ST4 Major Coastal Projects (MCP) Responding to the challenge Driven by Climate Change	Design adaptive management solution for resilience enhancing, structural coastal works, support and fund rising

Developing conditions for the Blue Growth in the Mediterranean

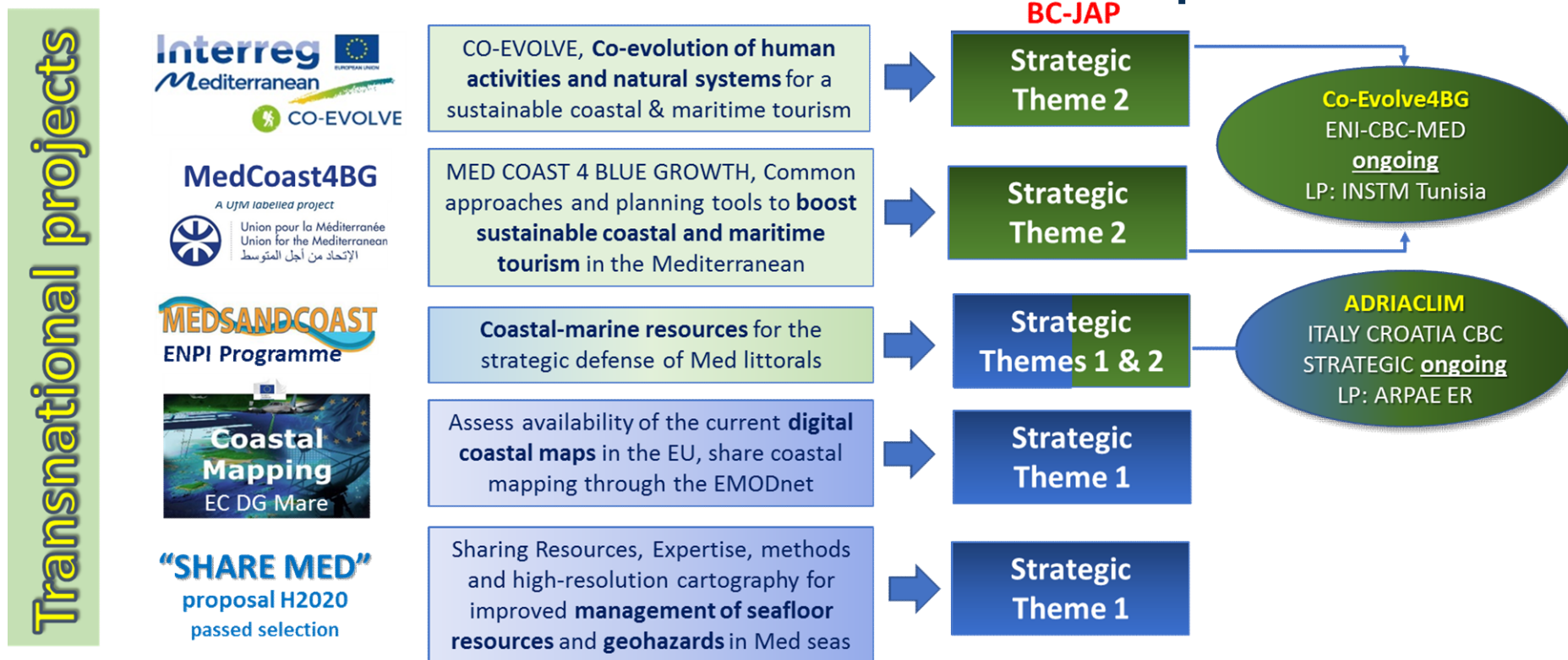
- **Increase cross-border cooperation** between EU countries, through the strengthening of the role and cooperation between coastal Regions and Administrations
- **Increase coordination** between Administrations in each Country, favouring vertical and horizontal collaboration
- **Protect the environment** through early identification of impacts and opportunities for multiple use of space
- **Encourage investment in research and innovation** and new jobs creations in the field of coastal protection, coast-marine monitoring and adaptation to climate change
- **Encourage investment in interventions** for coast-marine environment protection, creating conditions for the safety and the sustainable development in the Med space



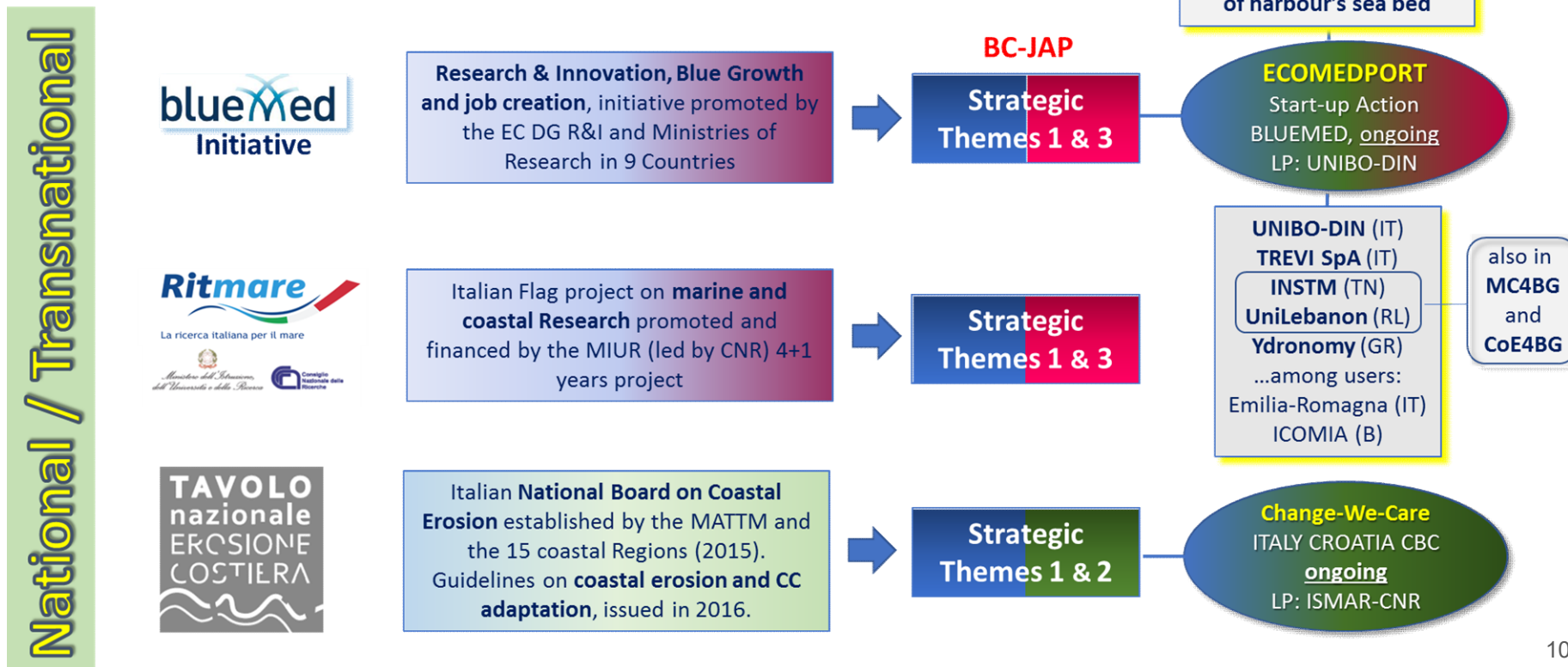
**More than 500 M€
in the period 2015 - 2022 for
coastal works/interventions**

Synergies of BC-JAP with Projects, funding and Initiatives (where also BC Members are involved)

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Synergies of BC-JAP with Projects, funding and Initiatives (where also BC Members are involved)



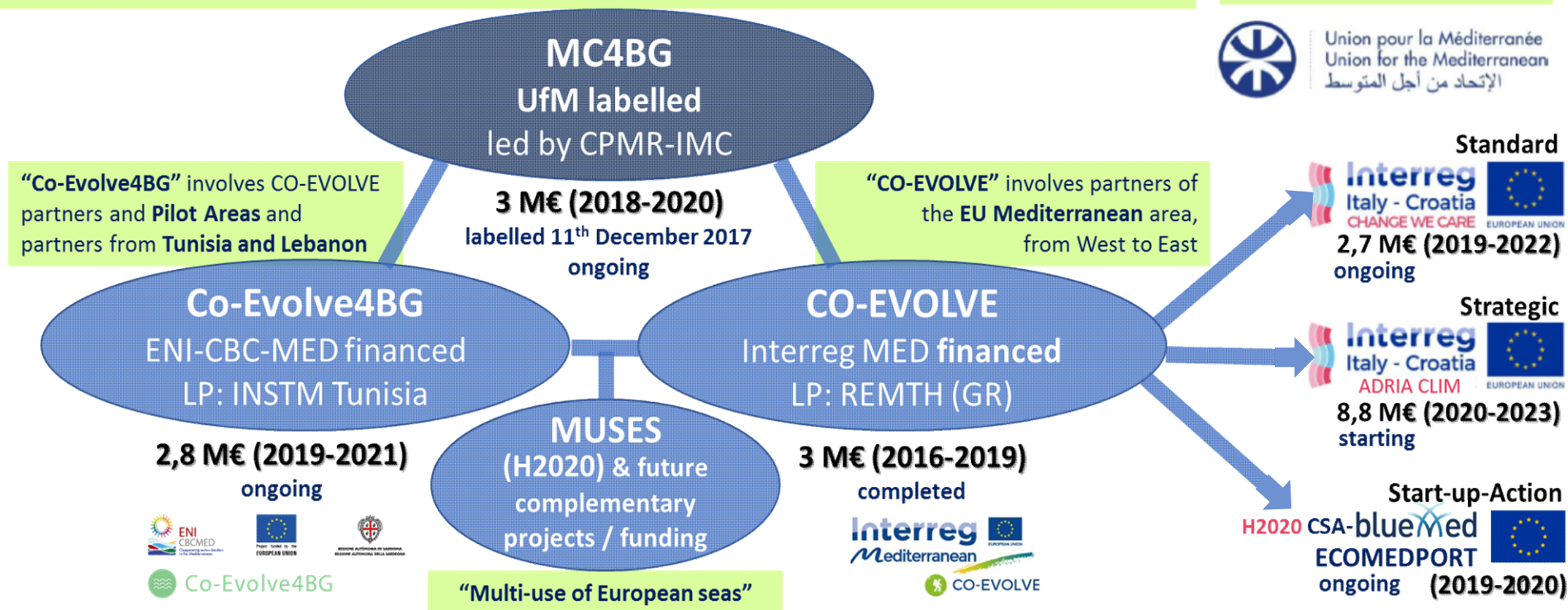
JAP - ST2 MC4BG - MedCoast for Blue Growth

"Common approaches and planning tools to boost sustainable coastal and maritime tourism in the Mediterranean"

<http://ufmsecretariat.org/project/medcoast4bg-med-coasts-blue-growth>

UfM Ministerial Declaration on Blue Economy (2015)

officially labelled by
the 43 UfM countries,
Senior Officials Meeting held
on the 11th of December 2017



A UfM labelled project



Union pour la Méditerranée
Union for the Mediterranean
الإتحاد من أجل المتوسط

JAP - ST2

«Med Coast for Blue Growth» (MC4BG) – PARTNERSHIP

32
PARTNERS
from
9
COUNTRIES

EU-MED PROMOTING PARTNERS

NON-EU MED PARTNERS

LEAD PROMOTER



- **ITALY**
 - Region Emilia Romagna
 - Institute of Marine Sciences - National Research Council (ISMAR)
 - IUAV (Venice University)
 - Po Delta Park Veneto Region
 - Lazio Region
- **GREECE**
 - Region of East Macedonia and Thrace - REMTH
 - University of Thessaly
 - Region of Crete
- **CROATIA**
 - PAP RAC (UNEP MAP)
 - Dubrovnik Neretva Regional Development Agency (DUNEA)
 - Public Institution for Coordination and Development of Split Dalmatia County (RERA SD)
- **FRANCE**
 - Conseil General de l'Hérault
 - CPMR Intermediterranean Commission (Lead promoter)
- **SPAIN**
 - Foundation Valencia Port
 - University of Murcia and Region of Murcia

- **TUNISIA**
 - National Institute of Marine Sciences and Technologies (INSTM)
 - National Agency for Environmental Protection (ANPE)
 - Agency for Coastal Protection and Planning (APAL)
 - Monastir and Sousse Regions
 - Office National du Tourisme Tunisien (ONTT)
 - National Engineering School of Tunis (ENIT)
 - DGFIOP
 - Regional Activity Centre for Specially Protected Areas
- **MOROCCO**
 - Ministry for Tourism
 - Region of L'Oriental & other authorities/actors to be defined at national/regional/local level
- **LEBANON**
 - Ministry of Works and Public Transport & Ministry of Environment
 - AL MIDAN NGO
 - AMWAJ NGO
 - BFCTH
- **MONTENEGRO**
 - Ministry of Sustainable Development and Tourism
 - Other authorities/actors to be defined at national/regional/local level

BC JAP – ST2

Co-Evolve4BG

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Co-evolution of coastal human activities
& Med natural systems for sustainable tourism
& Blue Growth in the Mediterranean



Eligible regions
Supporting
Major activities

Overall
budget
2,9 M€

Regione Emilia-Romagna
Associated Partner



What's going on...

Key Threats & Enabling Factors for the sustainable development of coastal and maritime tourism are analyzed at Mediterranean scale and in 7 pilot areas with different features, across 5 different countries, selected to produce widely applicable and transferable results.

Expected achievements

- 1 integrated analysis of Threats and Enabling Factors for sustainable tourism at Mediterranean level
- 1 toolkit containing indicators to analyze the level of sustainability of tourism
- 2 rounds of training addressed to partners and local actors involved in pilot actions
- 7 pilot actions for developing sustainable tourism in the pilot areas

Who will benefit?

- Coastal municipalities and regional authorities
- Ministries of environment, tourism and development
- SMEs and tourism related companies
- Research institutions and universities

BC JAP – ST1/ST2 CHANGE WE CARE

Climate challenges on coastal and transitional changing areas: Weaving a Cross-Adriatic Response

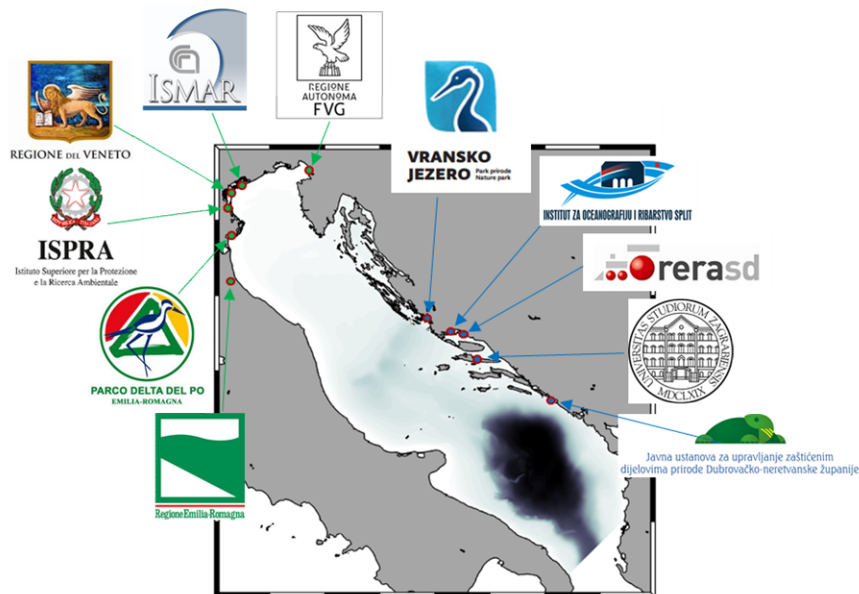


Start: January 2019
Duration: 30 months + 6

Overall budget: 2.7 M€

11 Partners (6 IT + 5 HR)

- CNR-ISMAR (LP)
- Emilia-Romagna Region
- Po Delta Park Authority ER
- ISPRA
- Friuli Venezia Giulia Region
- Veneto Region (RAFG)
- University of Zagreb (IZOR) - Hvar observatory
- Vran Lake Park Authority
- Split-Dalmatia County Institution for Coordination and Development (RERA)
- Institute of Oceanography and Fisheries (IOF)
- Dubrovnik-Neretva County Protected Natural Areas Authority (PIDNC)



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WP3 – Knowledge-base improvement: status and recent trends of coastal and transitional system processes

1. Hydrological and meteo-marine physical setting
2. Geological/geomorphological setting
3. Water and sediment fluxes from mainland
4. Aquatic habitats and biodiversity status and trends
5. hydro-morphological factors and transitional habitats
6. Integrated strategies for filling knowledge gaps

WP4 – Evolution Dynamics in case study areas and Northern/Central Adriatic under CC

1. Evolution of key physical quantities and fluxes
2. Morphological evolution at the multi-decadal scale
3. Evolution of coastal and transitional ecosystems
4. Definition of a common monitoring system
5. Training: observational data and numerical model fields

WP5 – Adaptation plans and measures for increasing safety and resilience (5 Case Study Areas)

Adaptation plans with Stakeholder engagement and design of interventions on:

1. Neretva river Delta, 2. Jadro river plain, 3. Vran lake area
4. Banco di Mula di Muggia, 5. Po River Delta

BC JAP – ST1/ST2 ADRIACLIM



FROM SHARED RESOURCES
TO JOINT SOLUTIONS

Climate Change information, Monitoring and Management tools for Adaptation Strategies in the Adriatic Coastal Areas

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Overall
budget
8,8 M€

- LP – Arpae
- PP1 - CNR-ISMAR
- PP2 - ARPAV
- PP8 - Puglia Region
- PP9 - CMCC
- PP10 - UNIBO
- PP11 - ARPA FVG
- PP12 - ISPRA
- PP13 - Marche Region
- PP14 - Local Health Authority n.3
- PP15 - Molise Region
- PP16 - Emilia-Romagna Region
- PP17 - City of Venezia

PARTNERSHIP IT-HR

Coastal Adaptation Plans

- PP3 - ZADRA NOVA
- PP4 - Dubrovnik Nereva County
- PP5 - Ruder Boskovic Institute
- PP6 - RERA
- PP7 - Institute of Oceanography and Fishery
- +AP Region of Istria

S01
to enhance CC Adaptation Capacity in coastal areas, developing homogeneous and comparable data

S02
to improve knowledge, capacity and cooperation on Climate Change Observing and Modelling systems

S03
to develop advanced Information System, tools and indicators for optimal CC Adaptation Planning

Resuming...

ECOMEDPORT - *Ecosystem-oriented Plant for Sediments Management in Mediterranean ports and marinas*

**develops within the scope of a
overall strategic operation in the Mediterranean**







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Promoted by

the **Bologna Charter Initiative** with its members, 29 MED Regions in 7 States + the CPMR-IMC  **BOLOGNA CHARTER**^{eu}
European Region Charter for the promotion of a common framework for strategic actions aimed at the protection and sustainable development of the Mediterranean coastal area

Supported by

the **CPMR InterMediterranean Commission** with its members (more than 40 EU MED Regions in 9 States)   **CPMR**
the **Union for the Mediterranean** with its members (43 States in the Mediterranean)   **CPMR INTERMEDITERRANEAN COMMISSION**
Union pour la Méditerranée
Union for the Mediterranean
الإتحاد من أجل المتوسط

Acknowledged by

the **WESTMED** initiative  **and the Interreg MED Programme,**
that indicates the BOLOGNA CHARTER as reference initiative and the CO-EVOLVE project as reference experience of a capitalisation-dissemination-transferring successful action --> reported in the **A1-Impact evaluation of the Interreg Mediterranean Programme (2014-2020) report**, by the MA of the Programme 

and can Benefit on...

from the development of the projects and initiatives, already running or that will be started within this network, **in terms of opportunity for further applications of the specific technology proposed.**



Thanks you for your attention!

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