



BOLOGNA CHARTER.eu

European regions Charter for the promotion of a common framework for strategic actions aimed at the protection and sustainable development of the Mediterranean coastal area



Regione Emilia-Romagna



CPMR
INTERMEDITERRANEAN
COMMISSION



CPMR
CRPM

GENERAL ASSEMBLY OF THE CPMR INTERMEDITERRANEAN COMMISSION

Meetings of the IMC Working Groups & internal Task Forces

Bologna Charter enlargement in the Med area and update process of the BC's Joint Action Plan

JOINT ACTION PLAN

on Med coasts Adaptation to Climate Change

Developing conditions for the
Blue Growth in the Mediterranean

Roberto Montanari



Regione Emilia-Romagna

Fondazione Mediterraneo – 6-7 July 2017, Napoli

COASTGAP



Bologna Charter enlargement in the Med areas and update process of the BC's Joint Action Plan

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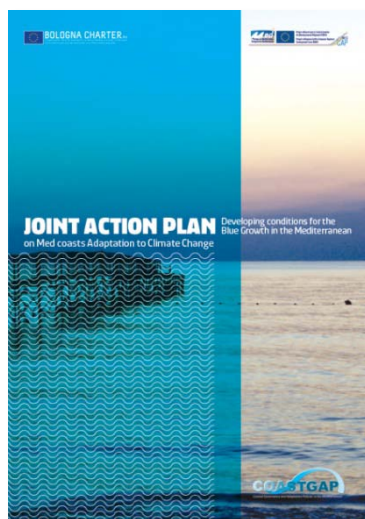
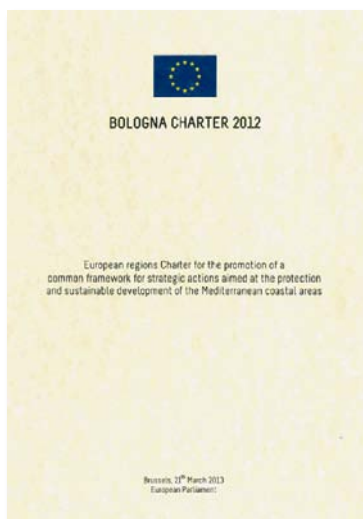
The Bologna Charter Initiative

The Charter of the **Regions and local Administrations** for the promotion of a **common framework** for **strategic actions** aimed at the **protection** and **sustainable development** of the Mediterranean **coastal areas**.

*A joint initiative, started by EU Regions but **open to other coastal Administrations of the Southern & Eastern Mediterranean**, performing concrete objectives even structural ones, able to attain diversified funding resources with a high capacity of mainstreaming.*

Policy Document

Joint Action Plan (JAP): a “rolling” document



1st Revision 2015
2nd Revision ongoing

**Concrete
actions &
projects**

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

BC' adhesions development and visibility

14 Regional Administrations > joint signature in Brussels 21 March 2013 and Adoption by the AG CIM June 2013 in Barcelona, further **5 Regional Administrations in 2013**, further **5 in 2014** and **2 in 2016**; + acknowledgment by Ministries of Italy, France, Greece, Cyprus, Israel

Adhesions developed thanks to:

- the open “architecture” of the initiative and the promotion action by the “Authority entrusted” with the Charter;
- dissemination through the Member partners;
- participation in EU projects and initiatives;
- promotion and involvement action by the Intermediterranean Commission;

Visibility of the Initiative developed thanks to:

- Synergies with other initiatives and platforms (i.e. BLUEMED, MSP Platform, UfM VKC);
- Targeted meetings (i.e. with EU DGs, UfM Secretariat, PAP/RAC, CPMR Commissions);
- Communication (i.e. newsletter/updating, BC web site)

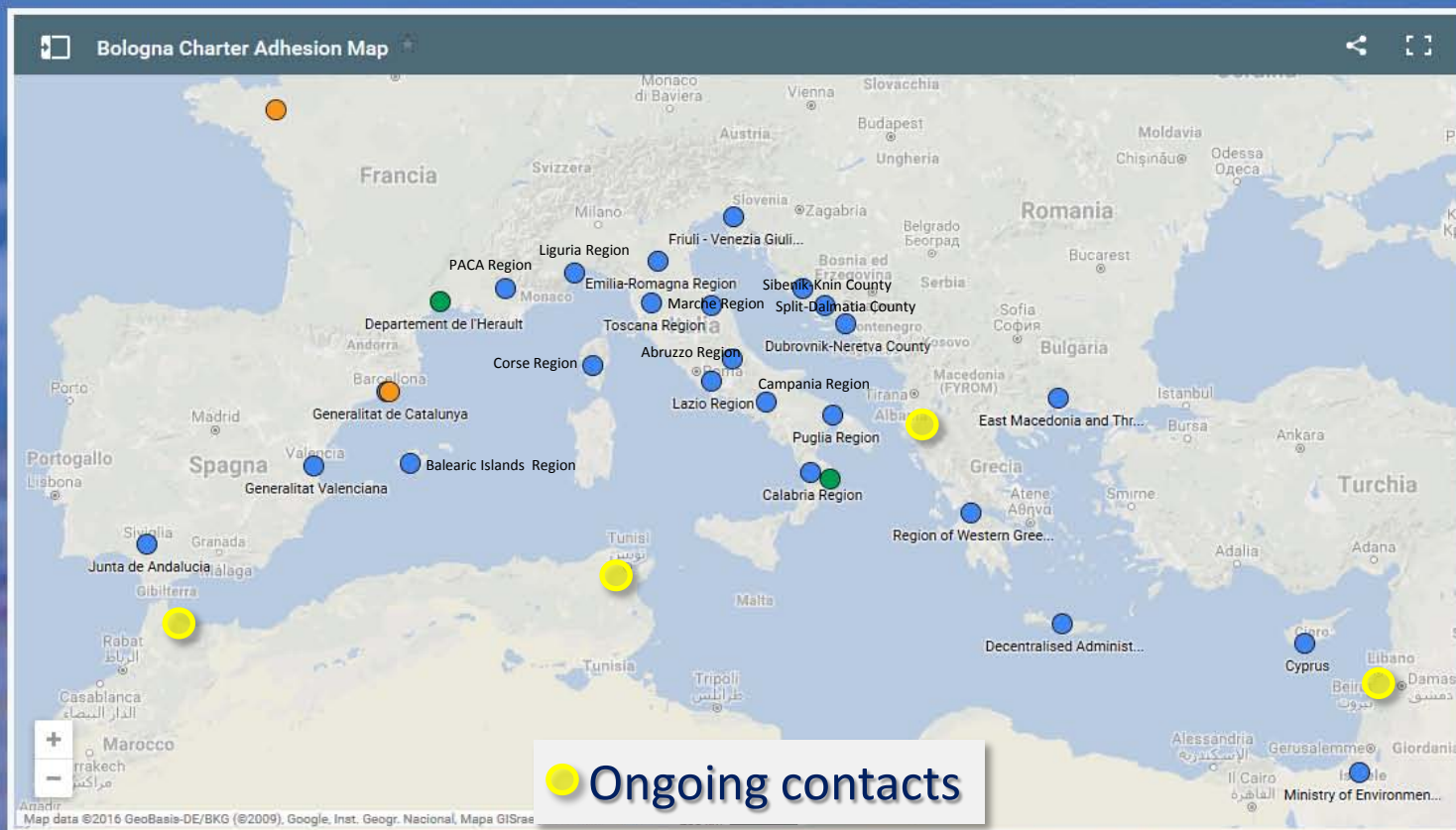
<http://www.bolognacharter.eu>

THE CHARTER THE JOINT ACTION PLAN NEWS EVENTS Q

Adhesion map

LAST UPDATE 1st July 2016

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 CRPM that adopted the Charter in June 2013



Enlargement perspectives in the Med area

Particular attention to the development of the **“CO-EVOLVE”** project **Interreg Mediterranean** “Co-evolution of human activities and natural systems for a sustainable coastal & maritime tourism” (2016-2019) and to its geographical extension **“MedCoast4BlueGrowth”** in South East Med and Balkan areas, to be advanced for UfM Labeling process and applied for co-funding (i.e. ENI CBC);



Analyses on **Threats & Enabling Factors** for sustainable tourism at Med and Pilot Areas scale

Strategic planning and Demonstration actions
local Action Plans for Pilot Areas

Transferability Plan at Mediterranean, Regional and Pilot Area scale

Capitalization and extension in the Med area with **“Med Coast 4 Blue Growth”** project initiative

Interreg MED 2014-2020
COOPERATION AREA



Authorities interested in MC4BG project initiative from:
Morocco, Algeria, Tunisia, Lebanon, Montenegro



Updating of the BC' Joint Action Plan

The JAP was elaborated in 2014 finalized and presented in March 2015, within the MED Capitalization Final Event in Brussels (by CoR premises);

Updating ongoing in 2017 is taking into account new policies and initiatives at the Med scale concerning maritime and coastal issues, i.e.:

- the recent EU **WESTMED** [COM(2017) 183 final] and its Framework for Action [SWD(2017) 130 final];
- the **BLUEMED** Initiative and its Strategic Research and Innovation Agenda;
- the **Strategy for Growth and Jobs in Coastal and Maritime Tourism** [COM(2014) 86 final];
- the findings of the **UfM Working Groups** on Blue Economy and on Environment and Climate;

Moreover, the JAP updating regards **Action lines state of implementation** and is open to **contributions and further Major Coastal Projects** from new entry Members and the **advancements of the MCPs already included** (Annex 3 and 4 of the JAP) and under development or realized.

BC' JOINT ACTION PLAN on Med coasts adaptation to climate change

Network, Studies, Integrated Planning Research & Innovation

Strategic Theme 1	Joint Actions
Developing Knowledge, network-based monitoring and Data Management systems	<p>1.1 Build a network of coastal Observatories</p> <p>1.2 Survey erosion status and flood hazards on Med coasts</p> <p>1.3 Research on coastal and off-shore sediments stocks</p> <p>1.4 Build a Med Interoperable SDI for coastal data</p>
Strategic Theme 2	Joint Actions
Sustainable use of strategic resources for the Blue Growth	<p>2.1 Governance and sustainable use of the coastal spaces</p> <p>2.2 Promote the sustainable use of sediments stocks</p>
Strategic Theme 3	Joint Actions
Supporting Research Innovation Clusters & Implementation	<p>3.1 Foster project clustering initiatives</p> <p>3.2 Foster innovation in coastal protection and adaptation</p> <p>3.3 Interaction with EU Research Program (H2020)</p>
Strategic Theme 4	Joint Actions
Responding to the Challenge driven by Climate Change (Major Coastal Projects)	<p>4.1 Supporting the design of structural coastal works</p> <p>4.2 Foster adaptive management solutions and structural works to enhance the resilience of coastal systems</p> <p>4.3 Individuation, access, efficient use of funding sources</p>

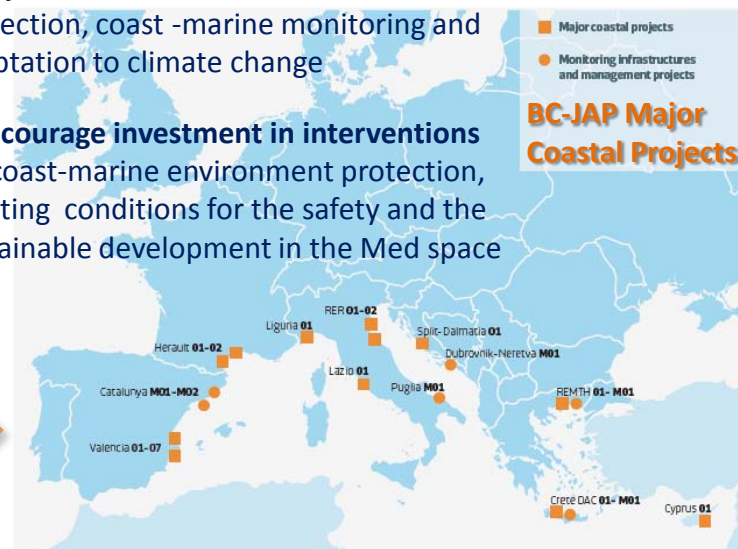
> Major Coastal projects

> Monitoring infrastructures and Management Plans



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, vertical and horizontal
- **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



The JOINT ACTION PLAN infrastructural part

Major Coastal Projects and Monitoring / Management projects

(already included in Rev_2015)



JAP - Strategic Theme 4

update 2017

MAJOR COASTAL PROJECTS (overall 495 M€)

- Larnaca North Coastal Redevelopment Project (CYPRUS-01)
- Fanari beach rehabilitation, East Macedonia-Thrace / Greece (REMTH-01)
- Restoration of Kaštela Bay Coastline, Split-Dalmatia/Croatia (Split-Dalmatia-01)
- Linenas Hersonisou coastal defense and renovation project, Crete / Greece (DAC-01)
- Recupero litorale tra Albenga e Ceriale / Regione Liguria – Provincia Savona (Liguria-01)
- Protection du Lido de Maguelone à Frontignan (Herault-02)
- Beach nourishment of sandy coasts in Herault Departement / South of France (Herault-01)
- Tiber Major Project: environmental restoration of Tiber river course and mouth coastal area (Lazio-01)
- Protection and restoration of the area Foce Reno – Bellocchio – Lido Spina, Emilia-Romagna (RER-01)
- Extraordinary nourishment intervention on Emilia-Romagna coast with off-shore sand deposits (RER-02)
- Exploitation of deep-waters sand deposits for beach nourishments along the Valencian coast / Spain (Valencia-02)
- Development and implementation of the shoreline management plan for the northern coast of Valencia / Spain (Valencia-01)
- Other Major Coastal Projects...

Master plan, first 2 M€ in realization

National ERDF allocated: Master plan on coastal works, road network, town planning zones

Agreement signed between the Province and 7 Municipalities

Funds by the ERDF, State, Region, Dept, Communes

of 43 M € 2017–2020.
Funded by the Region with a total budget of 4,8 M € -Executive project

Funds Ministry & Region with a total of 20 M € Completed 2016

Monitoring infrastructures and Management Plans projects (overall 5 M€)

- ICZM Plan for the Dubrovnik-Neretva County / Croatia (DNC-M01)
- The XIOM: a regional coastal observatory for the Catalan coast (Catalunya-M01)
- Region of East Macedonia and Thrace Coastal Management Master Plan (REMTH-M01)
- Towards a sustainable management and protection of the Tordera Delta coast (Catalunya-M02)
- Crete Integrated Coastal Zone Management Master Plan, Observatory implementation (DAC-M01)
- Common Implementation of tools for enhancing the integration among ICZM, MSP, MSFD in the Puglia Region (Puglia-M01)

Funds by Region in development phase

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

Possible MC Projects and/or Monitoring infrastructures

by South & East Med Countries and Regions to be possibly included in the JAP revision ongoing (Rev_2017)

Larnaca North Coastal Redevelopment Project (CYPRUS- 01)



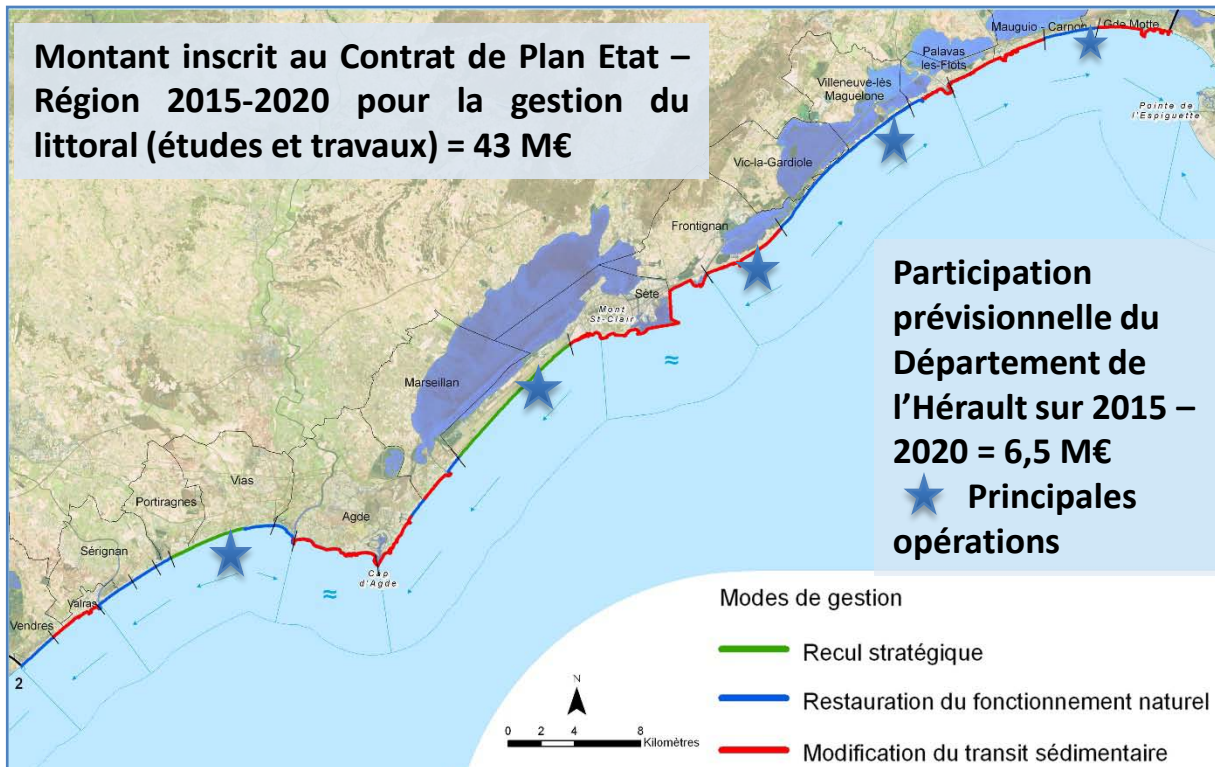
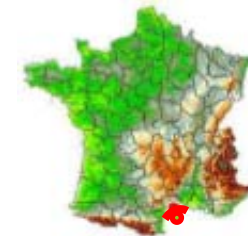
The Ministry of Communication and Works is in the process to **select the private investor for the development of the Larnaca harbour and marina.**

Advancements of JAP Major Coastal Projects (ex. 2/3)

Beach nourishment of sandy coasts in Herault Depart. (**Herault-01**)

Protection du Lido de Maguelone à Frontignan (**Herault-02**)

Contrat de Plan Etat-Région 2015 – 2020 and PLAN LITTORAL 21
funds from FEDER 20%, Fr State 30%, Region Occitanie 15%, Département Herault 15% and local funds / Communes 20%.



Lido de FRONTIGNAN – 8,74 M€
nourish planned by end 2017

Lido de SETE – 4,3 M€ 1400 m
wave attenuator 2017-2018

Beach of VIAS – 25 M€ nourish
and dunes planned start in 2018

Lido de CARNON & Lido de Maguelone – 5 M€ nourish and
groins planned start in 2018

Advancements of JAP Major Coastal Projects (ex. 3/3)

Extraordinary nourishment on Emilia-Romagna coast with off-shore sand (RER-02)



Realized in February – June 2016

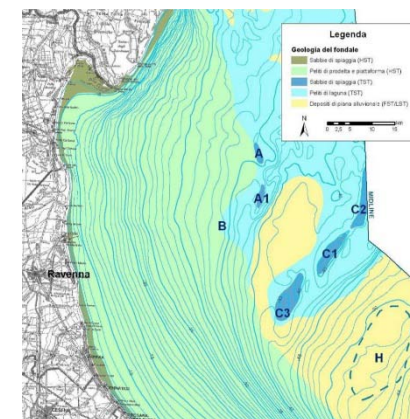
20 M€ (18,5 National funds / 1,5 Regional funds)

8 critical coastal stretches

11 km overall of littorals

1,4 Millions of cubic meters of sand

130 cubic meters /per linear meter (average)



Scheme for proposing Major Coastal Projects

Major Coastal Projects proposed to be included in the JAP should be **compliant with ICZM and MSP principles** and should be described as in the following scheme:

- Project title
- Brief description of the typology and main features of the project
- Possible limitations (environment, social, regulatory, etc.)
- Level of design of the project (scheme, preliminary, definitive, etc.)
- Budget amount estimation and possible schedule
- Actors involved and participatory process envisaged
- Map with location and general features of the area

NB Inclusion in the BC-JAP **doesn't mean automatically funding, but highlights and common efforts for promoting** the Major Coastal Project in all the opportune venues.

Concluding...

- ❖ **The Bologna Charter Initiative is open** to all Mediterranean Countries, Regions and local Administrations that want to join, simple procedure stated in Article 4.3 of the Charter
- ❖ **The Initiative can be extended operatively** throughout the collaboration in projects developing along with its JAP, like the project CO-EVOLVE or its foreseen extension “MEDCoast4BG”, and other transnational projects (i.e. MED, ENI CBC, ADRION, ITALY-CROATIA, IPA, etc.)
- ❖ **The Joint Action Plan is under revision and can be integrated** with priorities, actions, major coastal projects of other MED Countries and Regions, the JAP 2nd Revision is ongoing, launched in February 2017 to be completed by December 2017, referents for the revision process are the Emilia-Romagna Region and the Intermediterranean Commission of the CPMR

Thanks for your attention!

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