



**Plan
Bleu**

Plan Bleu's contribution's to the Fifth Mediterranean Climate Outlook Forum

- Mediterranean Strategy for Sustainable Development**
- Regional Framework for Adaptation to Climate Change**
- Mediterranean Integrated Climate Information Platform**

**By Antoine Lafitte, Program Officer at Plan Bleu
and Mohammed Sadeck Boulahya, Adviser for Plan
Bleu with UNEP/MAP support**

MedCOF-SEECOF- PreSANord; Marrakech, Nov, 23-26, 2015

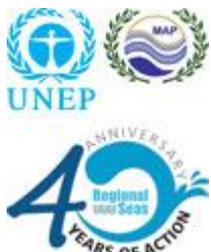
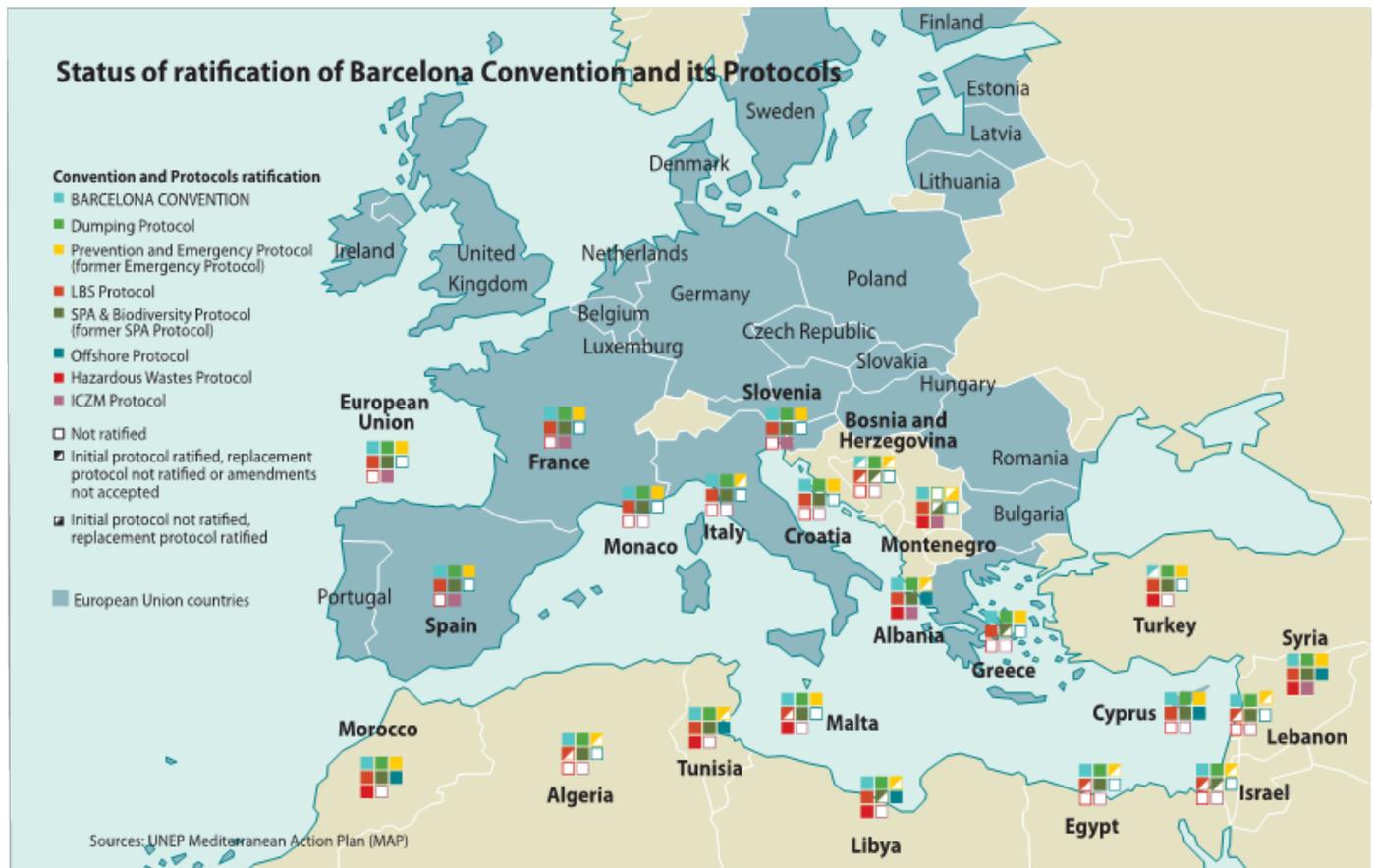
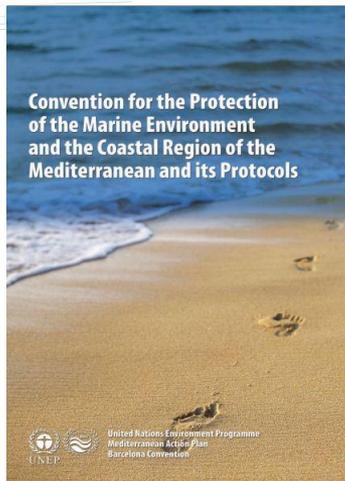




Review of the Mediterranean Strategy for Sustainable Development

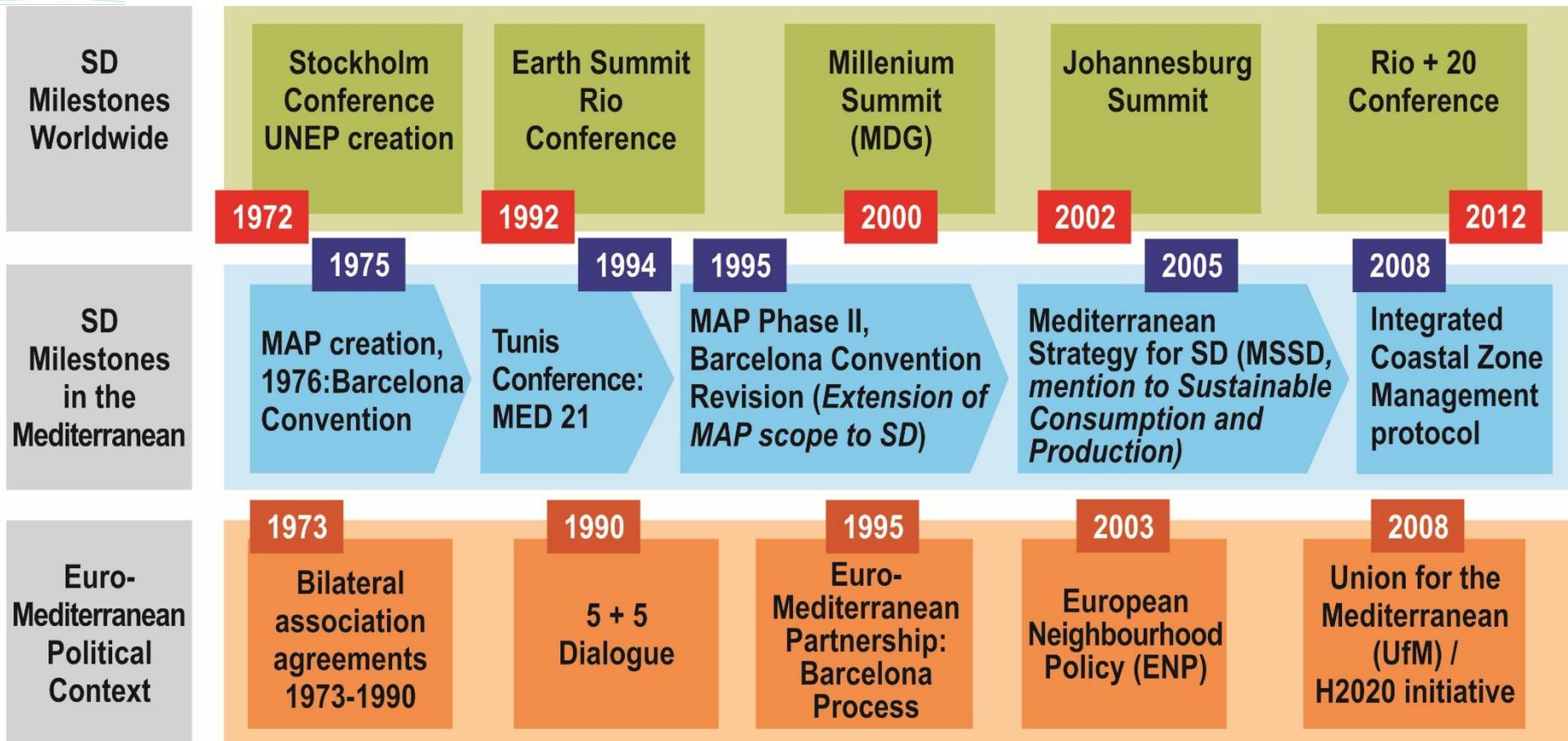
1

UNEP/MAP system & Barcelona Convention: a governance framework gathering the 21 Mediterranean countries and the European Union.



Sustainable development milestones at global and Mediterranean levels

The founding acts of sustainable development in the Mediterranean greatly benefited from



Mediterranean Strategy for Sustainable Development (MSSD), an integrative policy framework

- Prepared by the Mediterranean Commission on Sustainable Development (MCSD - advisory body)
- Adopted in 2005 by all Contracting Parties
- Vision: a sustainable Mediterranean region
- For the deployment of National Strategies
- A regional response to the global agenda: Agenda 21, UN-MDGs, etc.



MSSD Review: COP 18 decision (Istanbul, 2013)

- “Request MAP Secretariat to launch the process of the review of the MSSD
- “Request Plan Bleu to support the Secretariat in the process of revision of

COP 18 ISTANBUL
3-6 DECEMBER 2013 · ISTANBUL · TURKEY



MSSD Review Roadmap: Towards MSSD 2016-2025

- February 2014: MSSD Review officially launched in Malta
- April/May 2014: Online consultation (60 stakeholders)
- June 2014: MCSD SC Meeting (structure and vision)
- July-Nov 2014: Thematic Working Groups (400 participants): online consultation
- January 2014: Draft of the new MSSD
- 2015: Consultation period:
 - 17 – 18 February 2015: MSSD Review Conference in Malta
 - 9 – 11 June 2015: MCSD Meeting in Morocco
- February 2016. Submission of the new Strategy 2016-2025 for formal approval



MSSD 2016-2025 – Objectives

1. Ensuring sustainable development in marine and coastal areas – **TWG1 Seas**
2. Promoting resource management, food production and security through sustain
3. Planning and managing sustainable Mediterranean cities – **TWG4 Sustainable**
4. Addressing climate change as a priority issue for the Mediterranean – **TWG3 C**
5. Transition towards a green and blue economy – **TWG5 Green economy, inclu**
6. Governance in support of sustainable development – **TWG6 Governance**

MSSD 2016-2025 – Structure (1)

ion and Priority Issues

on and MCSD Steering Committee)

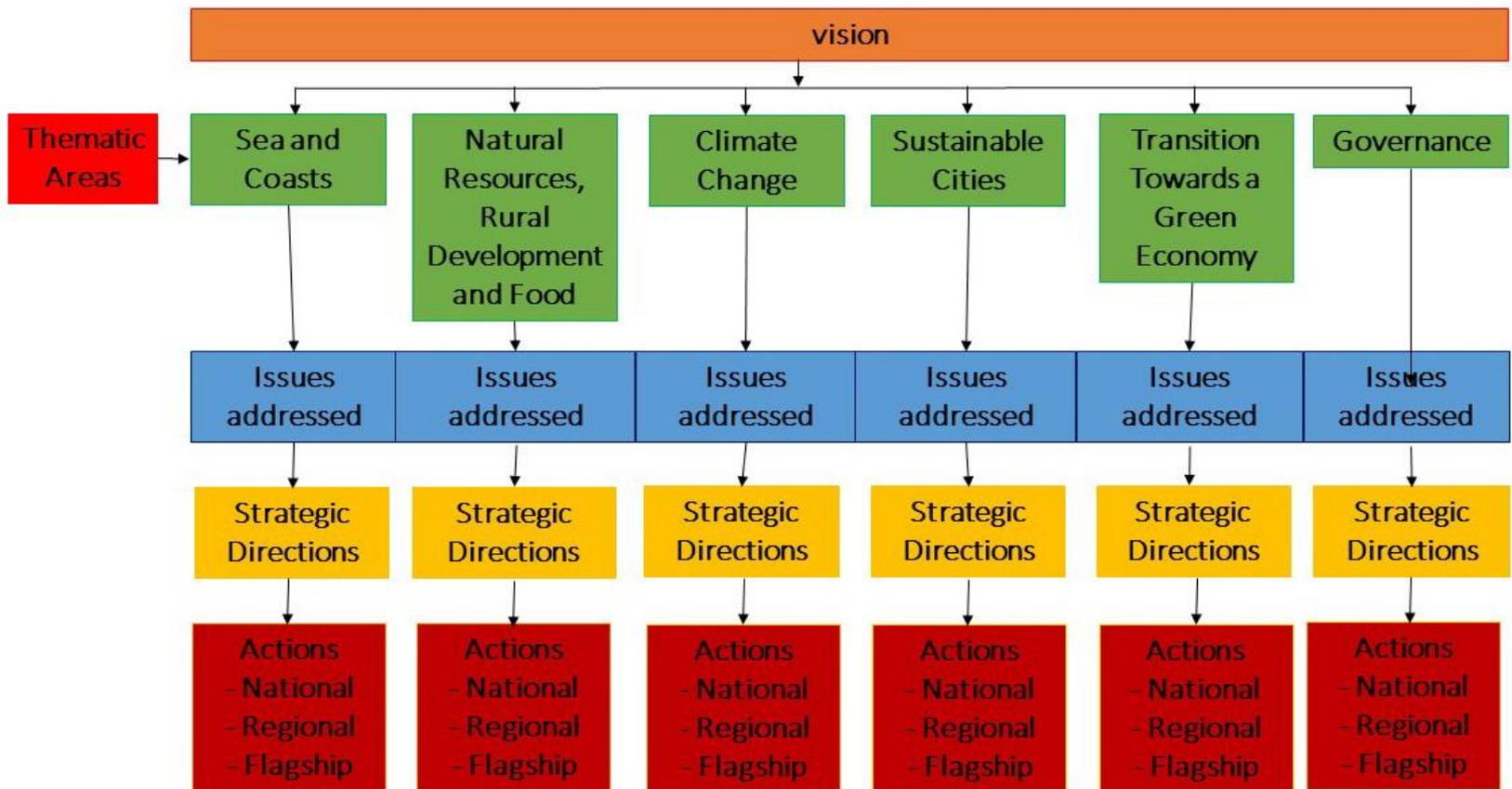
s (3 + 3) and Implementation

on and MCSD Steering Committee)

erts and SD Advisor) and MSSD Core Group (MCSD Chairperson, MAP Secretariat, Plan Bleu)

p initiatives from TWGs supervised by MSSD Core Group

MSSD 2016-2025 – Structure (2)





Regional Framework for Adaptation to climate change

Purpose, scope and future implementation

2

A little background...

- Barcelona Convention COP16 (2009):
 - Coordination for integration of climate change in development po
- 14th MCSD meeting (2011):
 - Draft Adaptation Framework presented as work in progress
- Barcelona Convention COP18 (2013):
 - Preparation of the Framework among targets in MAP Programm

Why a Regional Framework ?

- Need for a cross-border collaborative and coordinated approach
 - Climate risks extend well past territorial boundaries, and so do the necessary responses
 - Currently, responses to climate-related hazards are limited to short-term and ad-hoc measures
- Med countries' capacity for environmental and socio-economic adaptation is limited
 - limited knowledge on possible impacts, vulnerabilities and costs
 - limited coordination at national & regional levels
 - lack of awareness or consensus on policy options and possible response measures

Vision and Aim of the Framework

- Vision: to increase the resilience of M&C areas
- The Framework aims to identify and build consensus on a regional adaptation strategy
 - promote the right enabling environment for mainstreaming adaptation
 - Identify, exchange and implement best practices and low-regret measures
 - promote leveraging of necessary funding
 - exchange and access best available data, knowledge, assessments and information

Scope of the Framework

- The Mediterranean basin
 - 22 Contracting Parties of the Barcelona Convention
- Focus on marine and coastal areas
- Focus on adaptation
 - (i.e. not also on mitigation)
- Concise Policy document to be adopted by countries

Coherence and Consultation

- Relevant adaptation strategies were reviewed
 - *European Commission, Baltic Sea, Black Sea*
- Example of other MAP thematic strategies was followed
- Coordination and alignment with the Climate Chapter of the re
- Crucial inputs and comments from ad-hoc Advisory Panel invov
 - *Drafts discussed during 2 meetings in Athens (Dec. 2014 and March 2015)*
- In Oct. 2015: consultation with MAP Focal Points for national

Structure of the Framework

- The Framework is built around 4 “Strategic Objectives”
 - Policies – engagement – cooperation
 - Identification & implementation of best practices
 - Prioritisation and leveraging of financing
 - Better informed decision makers
- “Operational Objectives” identified as appropriate for fulfilling
- “Priority fields of action” recommended for each Operational C

Strategic Objective 1

Promote appropriate institutional and policy frameworks, **increase awareness and stakeholder engagement and enhance capacity building and cooperation**

- Op. Obj. 1.1: To enhance awareness and engagement of key stakeholders
- Op. Obj. 1.2: To enhance adequate institutional and policy frameworks
- Op. Obj. 1.3: To promote a regional approach on Disaster Risk Management
- Op. Obj. 1.4: To improve the implementation and effectiveness of adaptation

Strategic Objective 2

Identify, assess and implement **best practices** (including low regret measures) **for effective and sustainable adaptation to climate change impacts**

- Op. Obj. 2.1: To identify adaptation needs and best practices
- Op. Obj. 2.2: To mainstream and adopt best practices

Strategic Objective 3

Leverage existing and emerging **finance mechanisms relevant to climate change**, including **international and domestic instruments**

- Op. Obj. 3.1: To overview and prioritize public spending relative to climate change
- Op. Obj. 3.2: To support access to international financing
- Op. Obj. 3.3: To promote and build alliances with banking and insurance

Strategic Objective 4

Better informed decision-making through research and scientific cooperation and improved availability and use of reliable data, information and tools

- Op. Obj. 4.1: To enhance the understanding of the vulnerability of natural resources
- Op. Obj. 4.2: To build capacities for and promote use of vulnerability assessment
- Op. Obj. 4.3: To strengthen science-policy interface by channeling and coordinating research
- Op. Obj. 4.4: To strengthen regional climate information at a resolution suitable for policy

Next steps

- A new draft will be prepared following inputs from Focal Points and also M
- Final draft to be submitted for endorsement to MAP FPs meeting in October
- Analysis of Protocols and strategic instruments under the MAP system, id
- The Framework, together with the results of this analysis, to provide a bas



Mediterranean Integrated Climate Information Platform (*medicip*)

3

ClimVar project : The context of MedICIP development

Main objective

Promote the use of ICZM as an effective PAPA/RAC, deal with CC impacts in coastal areas



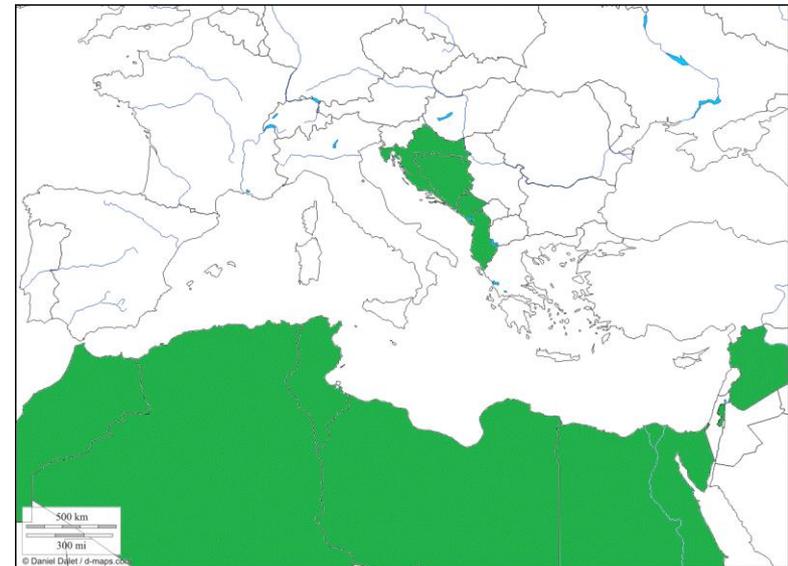
5 Partners

Duration

January 2013 – Dec. 2015

Participating countries

Executive Agency



Current situation: Need a tool for a regional coordination

Ministries



Data users

Universities

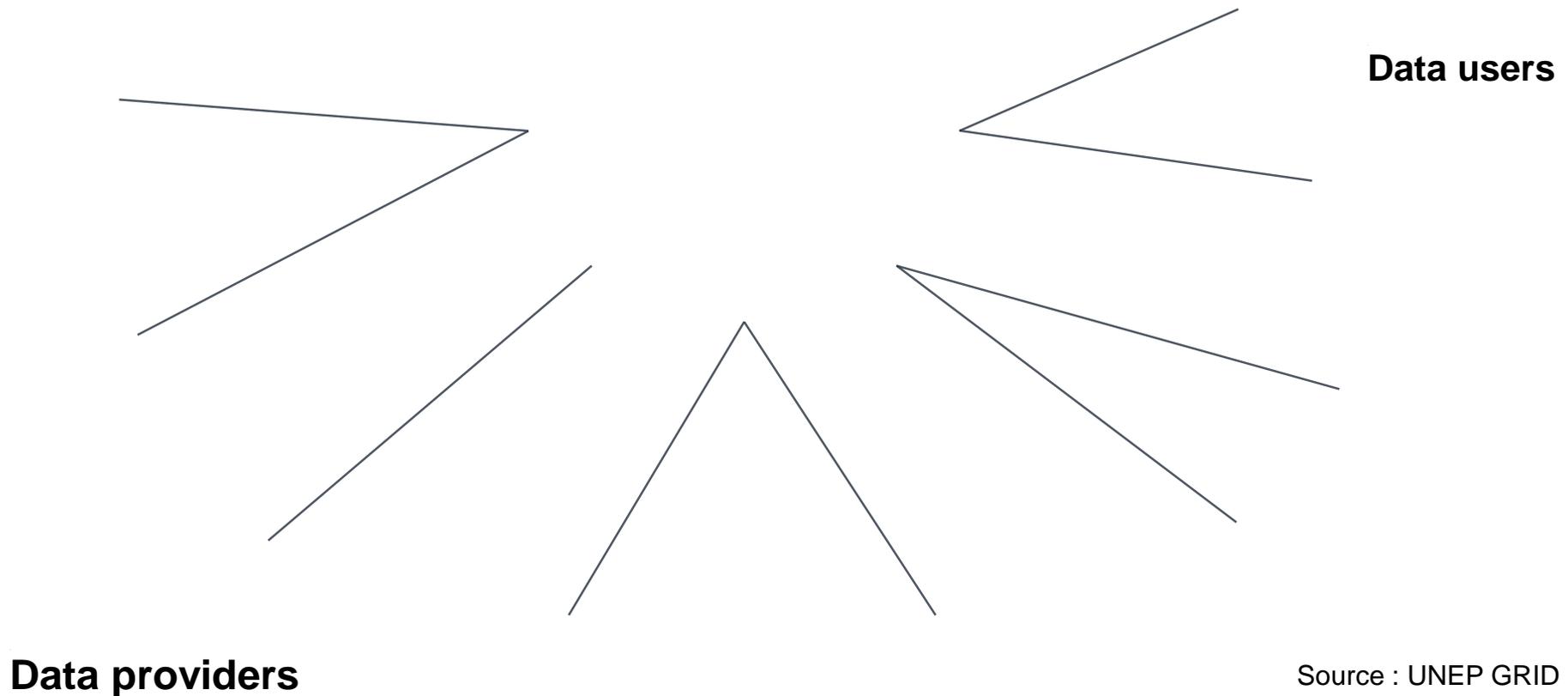
National institutions: meteo, ...

National observatories

Data providers

Source : UNEP GRID

The solution is MedICIP :
Help to search, visualize, access to data in linking
data providers & users



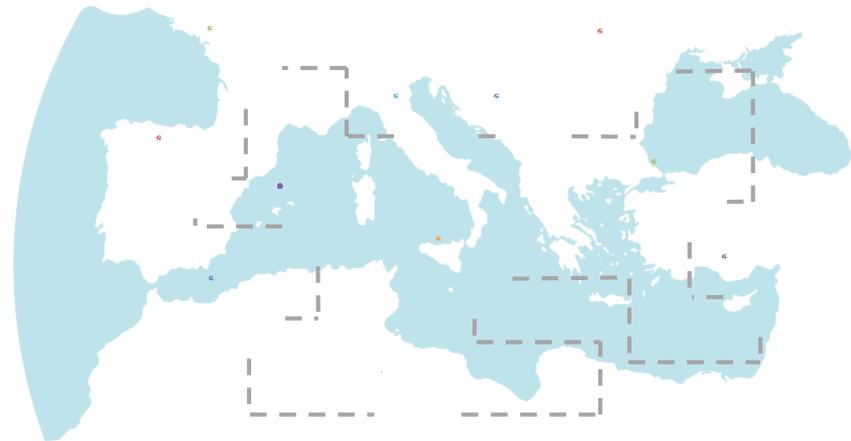
A common effort for data sharing and information linked to the impacts of climate changes on the Mediterranean coastal zones

Accessing and visualising services published by ins

1- Metadata services: users can find information shared by institutions and available from

2- Cartographic services: users can display maps and overlay them with other layers of information

3- Bibliography services: links to documents and other relevant initiatives at Mediterranean and global levels



stitutions ! Data are served through an SDI

What is already available?

<http://medicip.grid.unep.ch/>

Data and layers : Set of GIS layers (1408), harvested through 8 servers and categorized

The screenshot displays the MedICIP web application interface. At the top left, the MedICIP logo is visible. The main area features a map of the Mediterranean region. A search window is open, showing a list of data entries. The search window includes a 'Data' tab, a 'Select data server' dropdown menu (set to 'ALL'), a 'Select country' dropdown menu (set to 'ALL'), and a 'Search' input field. The search results are displayed in a table with columns for 'Origin', 'Title', and 'Abstract'. The table shows 1,262 entries, with the first entry being 'Suivi satellitaire par balise argos MArkennah par mois' from the 'Ifremer' origin. The interface also includes a 'Natural Earth' search bar, a 'Map' and 'View' dropdown menu, and a 'Search for a location...' input field. The bottom of the page features a navigation bar with links for 'Home', 'About', 'Map', 'Countries', 'Other Initiatives', and 'Trainings'. The MedPartnership logo and contact information are also present at the bottom.

Origin	Title	Abstract
Ifremer	Suivi satellitaire par balise argos MArkennah par mois	Position
Ifremer	Réseau Surveillance Posidonie Campoloro (Corse)	
Ifremer	Crêpes - version SIH	
Ifremer	Zones de pisciculture potentielles	
Ifremer	Océan (version SIH)	
Ifremer	Fonds et recouvrement sédimentaire du golfe de Fos	
Ifremer	Réseau Surveillance Posidonie Sisco (Corse)	
Ifremer	Cerfs (indice de présence)	
Ifremer	Suivi satellitaire par balise argos Tortue 95904 - Estimation erreur en mètres	
Ifremer	Conchyliculture - Modes de production	

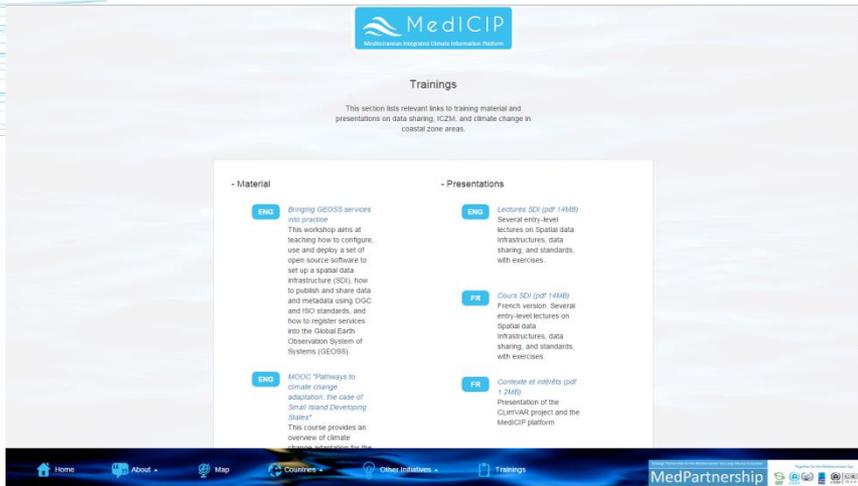
- **Library** : documents available (regarding CC & ICZM)

The screenshot displays the MedICIP (Mediterranean Integrated Climate Information Platform) website. At the top, the logo features a blue wave icon and the text 'MedICIP' with the subtitle 'Mediterranean Integrated Climate Information Platform' below it. A navigation bar contains three tabs: 'INSTITUTIONS' (selected), 'DOCUMENTS', and 'LEGAL FRAMEWORK'. On the left side, there is a vertical list of country flags with their names: Albania, Algeria, Bosnia & Herzegovina, Croatia, Egypt, Libya, Montenegro, Morocco, and Palestine. The main content area under the 'INSTITUTIONS' tab lists the following entities:

- Ministère de l'Energie des Mines de l'Eau et de l'Environnement (MEMEE/DSPR/DE)
- Centre Royal de Télédétection Spatiale (CRTS)
- Centre de Compétence Changement Climatique du Maroc (CCCCM)
- Comité National Scientifique et Technique Changements Climatiques (CNCC et CNST-CC)
- Direction de la Météorologie Nationale (DMN)
- Direction de l'Aménagement du Territoire - Ministère Habitat Urbanisme Politique de la ville (DAT/MHUPV)
- Direction des Ports et du Domaine Public Maritime (DPDPM)
- Direction des Pêches Maritimes et de l'Aquaculture (DPMA/DGPAI)
- Fondation Mohammed VI pour la Protection de l'Environnement ()

The footer of the website includes a navigation menu with icons and labels for 'Home', 'About', 'Map', 'Countries', 'Other Initiatives', and 'Trainings'. On the right side of the footer, there is a 'MedPartnership' logo with the tagline 'Strategic Partnership for the Mediterranean Sea Large Marine Ecosystem' and 'Together for the Mediterranean Sea', along with logos for GEF, UNEP, and GRID.

- **Training materials: 3 Training workshops: 60 experts trained from the 11 elev**



- **Other relevant initiatives at Mediterranean**



How MediCIP should be used ?

Scenario of use

In the context of cross-border projects related to CVC and ICZM, countries could share data from national institutions specialized in these fields of expertise

Thanks to the interface "maps": MediCIP provides the necessary maps to identify areas at risk and vulnerable coastal areas to the potential impacts of CVC

MedICIP : what should be done now ?

- The real added value of MedICIP is **the contribution of countries**, via their
- **Identify a "flagship institutions"** in each country (with a legal mandate to
- Add a network of national experts/centers on CVC and ICZM fields
- **and please check for updates @ ()**



**Plan
Bleu**

**Merci pour votre attention !
Thank you for your attention !**

شكراً لانتباهكم!

**and we look forward to your
contribution and partnership for an
integrated
RISK MANAGEMENT IN
A CHANGING CLIMATE!!!!**