



Towards a Water Strategy in the Western Mediterranean



Luxembourg 23th November 2015

Water Strategy in the Western Mediterranean (5+5)



Dialogue 5+5 (Rome 1990)

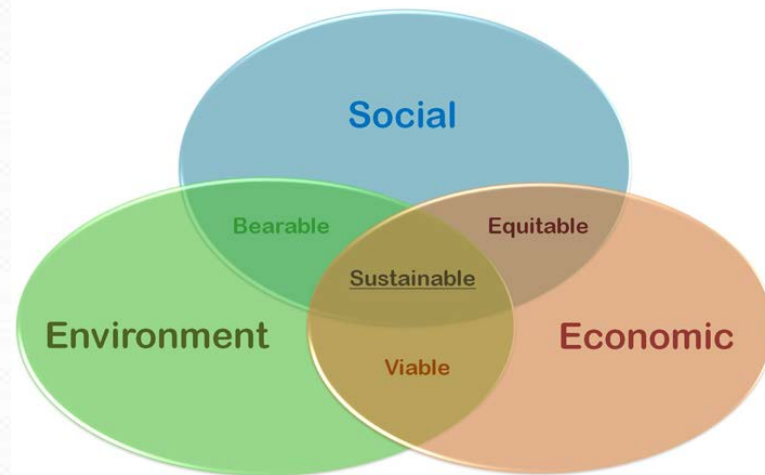
- 10 countries: Portugal, Spain, France, Italy, Malta, Mauritania, Morocco, Algeria, Tunisia and Libya.
- 3 Official Observers : COM-EU, UFM, UMA
- Observers: Regional entities, institutions and stakeholders
- MENBO: Technical Secretariat



Guide document with orientations, objectives and actions for resources protection and management

Long term:

- ☐ To preserve water quality and environment
- ☐ Prosperity and sustainable growth
- ☐ Global access to water
- ☐ Technological cooperation
- ☐ Capacity building
- ☐ Peace and stability in the Western Mediterranean



We share a very sensitive physical environment...and we face similar challenges



- Water scarcity
- Time/space resources irregularity
- Severe groundwater overexploitation
- Future conflicts due to climate change
- Frequent droughts and floods
- Resources pollution
- Resources salinisation
- Water demand increase
- Difficult Access to clean water
- Deficient sanitation networks
- Social conflicts related to water
- Deficient financing mechanisms

The process

Where do we come from?

background



- *Cooperation among Mediterranean countries → mention to UfM*
- *Conference on water. Jordan 2008 → Strategy 2010*
- Rome 1990 → 5+5 dialogue, EU–Maghreb
- Proposal initiative by Algeria and Spain
- Endorsed at Malta summit, 2012.
- Agreement Foreign Ministers. Nouakchott 2013
- Announced during UN General Assembly. New York 2013
- Launched at Economic Forum. Barcelona 2013
- Workshops. Valencia, Oran, Valencia..., 2014



Bottom-up by Technical Workshops with General Consensus



WS1. Valencia, February 2014



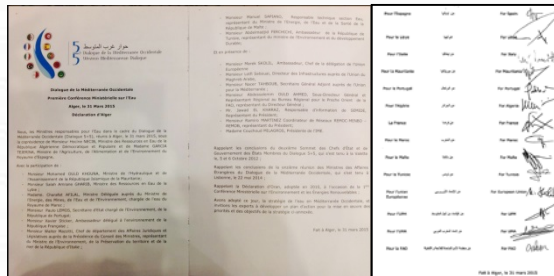
WS2. Oran, June 2014



WS3. Valencia, September 2014



Adoption: Ministerial Conference Algiers, 31th March 2015



Main challenge :

Scarcity (water and sanitation for all) v.s. environment : sustainable
Through : improvement water governance (planning, infrastructures, participation and capacity building)
by >>> Information (data and knowledge & shared) <<<

The strategy



| | |
|--|--|
| 1. Enhancing Western Mediterranean country policies' convergence towards the general principles of a sustainable water policy | P1: Developing and starting up clearly defined legal frameworks |
| | P2: Establishing governance adapted to integrated water management |
| | P3: Implementing cost-recovery |

| | |
|--|--|
| 3. Promoting water management improvement | P9: Climate change adaptation |
| | P10: Increasing and mobilising the available resources |
| | P11: Water use efficiency improvement |
| | P12: Flood prevention |
| | P13: Protection of water quality and biodiversity |

| | |
|--|---|
| 2. Foster cooperation in relation to regional matters | P4: Capacity building |
| | P5: Innovation development in the water sector |
| | P6: Water-energy-food nexus |
| | P7: De-pollution of the Mediterranean |
| | P8: Mobilising water-related innovative financing solutions for the application of the Strategy |



WS4 (Action Plan). Madrid 10th September 2015 !!!!

Brussels, 30th September 2015

From Ws2Oran to Ws3Valence
new contributions and changes

rationale (1)



General constraints of water in the Mediterranean

- Sensitive environment (touristic coastal areas, droughts and floods....)
- Growing threats (population growth, pollution..)
- Unique bioclimatic space → agriculture development
- Water demand growth but scarce resource and foreseen climate change
- Concurrence water uses <-> environmental priorities <-> need economical development
- Irregular distribution water → Seasonal management
- Need of prevention of water quality

From Ws2Oran to Ws3Valence
new contributions and changes

rationale (2)



Different challenges North<>South:

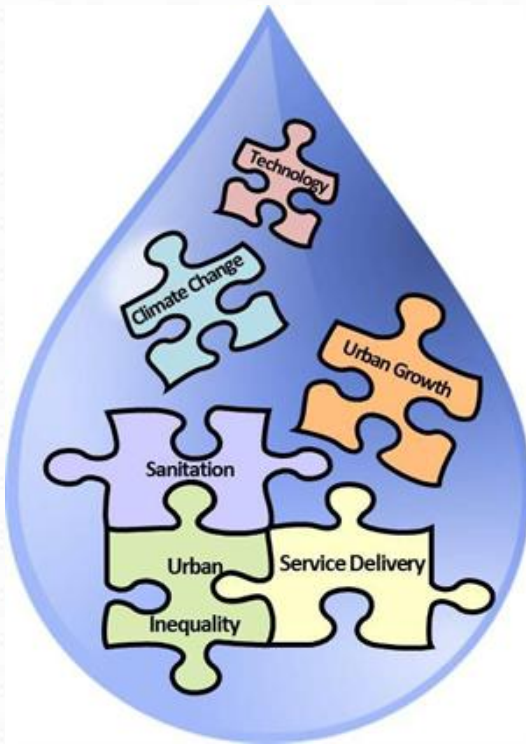
- European countries: more water resources, under common policies EU
- Southern countries: great scarcity, overexploitation, geopolitical space under construction (UMA).
- Different scenarios and questions → need collective exchange, approaches and convergence of policies
- 5+5 dialogue as an example of neighbour collaboration to export to other World Fora.

Solidarity between shores of the
Western Mediterranean

Main action blocks

1. Enhancing Western Mediterranean country policies' convergence towards the general principles of an adequate water policy
2. Foster cooperation in relation to regional matters
3. Promoting water management improvements

1. Enhancing Western Mediterranean country policies' convergence towards the general principles of an adequate water policy



Priority 1: Developing and starting-up clearly defined legal frameworks

- Governance development and/or consolidation

Priority 2: Establishing governance adapted to integrated water management

- Integrated resources management
- Trans-boundary resources governance
- Coastal water management

Priority 3: Implementing cost-recovery

- Water service financing
- Polluter-pays principle

2. Foster cooperation in relation to regional matters



Priority 4: Capacity building

- Improving knowledge and training
- Exchanging experiences

Priority 5: Innovation development in the water sector.

- Optimisation and innovation in water uses

Priority 6: Water- energy - food nexus

Priority 7: De-pollution of the Mediterranean

Priority 8: Mobilising water-related innovative financing solutions for the application of the Strategy

The strategy

Priority 9: Climate change adaptation

Priority 10: Increasing and mobilising the available resources

- Dams and/or transfers
- Groundwater resources mobilisation
- Treatment and reuse
- Desalination
- Rainwater harvesting

Priority 11: Water use efficiency improvement
Irrigation efficiency improvement

- Reducing leaks in networks
- Citizens' awareness

Priority 12: Flood prevention

Priority 13: Protection of water quality and biodiversity



Putting the strategy into practice: The action Plan



**WS4 (Action Plan). Madrid 10th September
2015 !!!!**

Putting the strategy into practice:

The action Plan

Which projects?



Actions oriented to **enhance water governance at the national and regional level**, including capacity building programmes and training actions.

Identification of **replicable and cross-country defined national** best practices and solutions.

Development on **national data water systems**.

Identification of **projects aimed at** addressing the following issues:

- From the demand side, **water efficiency and waste water reuse** projects, including proposal to optimize existing water provision systems with a focus on modernization of irrigation systems.
- From the offer side, **development of non conventional resources**, including desalination.
- From an environmental perspectives, projects oriented to **preserve and restore water ecosystems, to develop wastewater treatment at the urban and rural level and to implement ground water monitoring and management systems**

Next steps

15th December:
Workshop in
Valencia

January – June 2016;
Dissemination Action
Plan

Mid 2016: Workshop

2nd half 2016:

*Ministerial
endorsement of the
Action Plan*



Facilitator of the process:: Mediterranean Network of Basin Organisations

MENBO Permanent Technical Secretariat
based in **Valencia (Spain)**
at the **Jucar River Basin Authority**



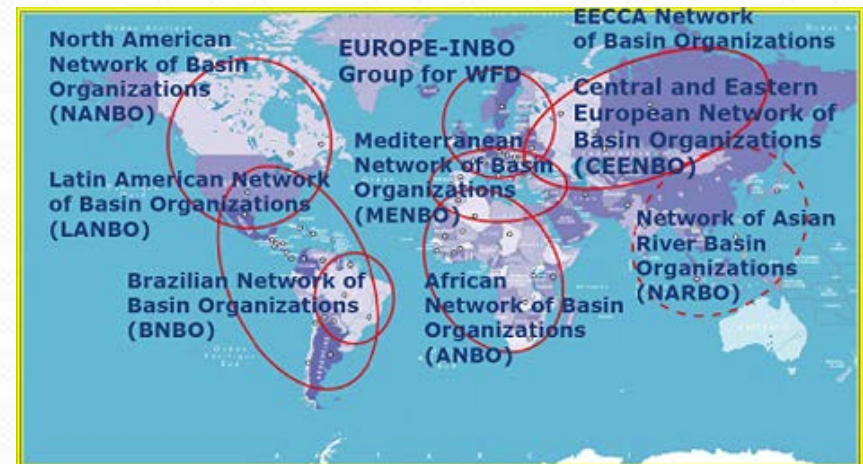
REMOC / MENBO / REMOB
Current state of recruitment members



from 2003



RESEAU INTERNATIONAL DES ORGANISMES DE BASSIN
INTERNATIONAL NETWORK OF BASIN ORGANIZATIONS
RED INTERNACIONAL DE ORGANISMOS DE CUENCA
REDE INTERNACIONAL DE ORGANISMOS DE BACIA
Международная сеть водохозяйственных организаций
الشبكة الدولية لهيئات الأحواض
流域组织国际网



188 (full members and permanent observers) in
71 countries; 6 Regional Networks

from 1996

More information;
Mediterranean Network of Basin Organisations
webpage:
<http://remoc.org/>



Thank you for your attention!