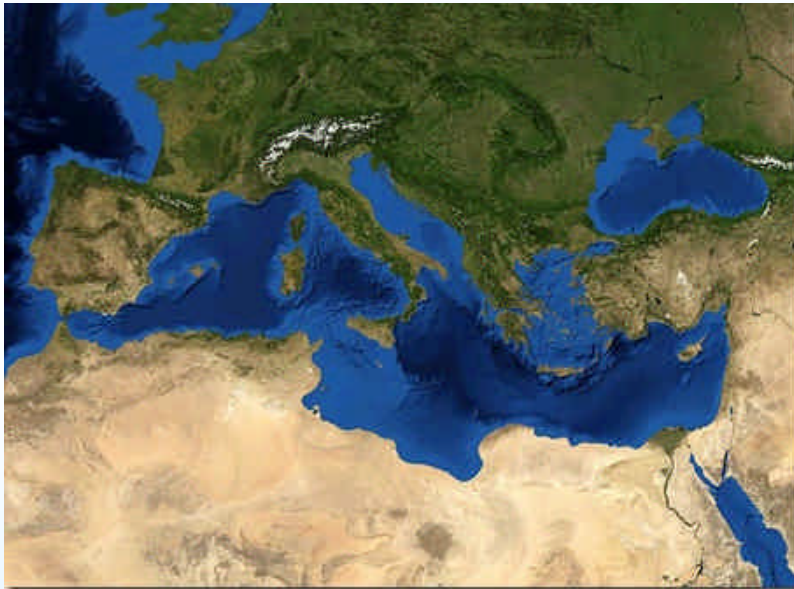


Mediterranean White Book on Water



PROJECT PROPOSAL

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Organisations





Overall objective



A tool to facilitate the integrated water resources management and the decision making in the Mediterranean region, through an integrated reference document on water access, availability, protection, quality, governance, management and environmental issues.



The Mediterranean case: characteristic problems



- **Scarcity and irregular** distribution in time and space → limiting factor for economic activity, development and food production
- Severe **groundwater overexploitation** & seawater intrusion
- **Climate change** aggravate problems → reduction on water resources, droughts, floods...
- Pressures by **population growth** → demand increase → **environmental problems**: pollution, deforestation, desertification.
- **Policy tools** not fully developed
- **Deficient financing** mechanisms
- Future **social conflicts** related to water



WHY a

Mediterranean White Paper in Water?



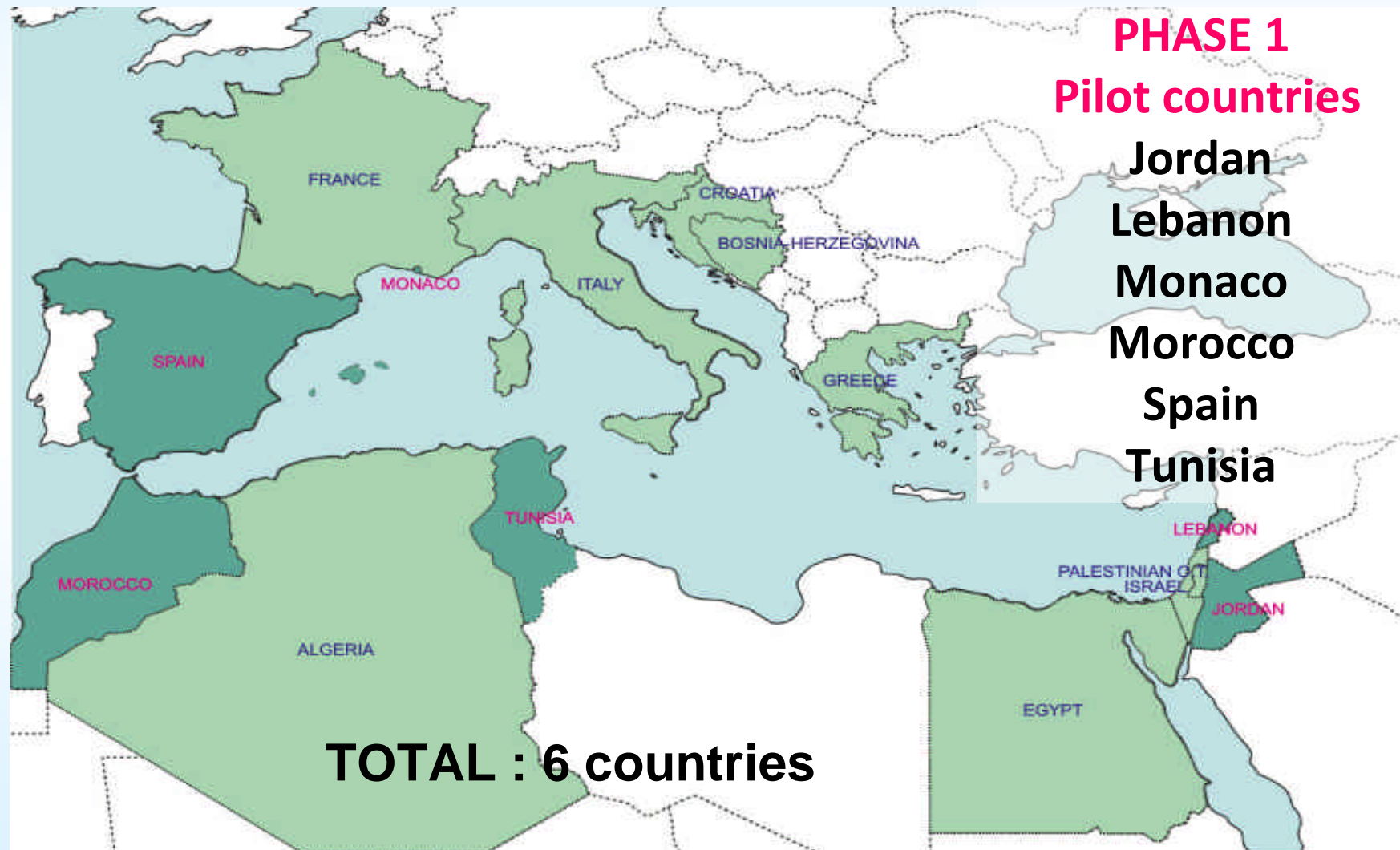
- The Mediterranean → strategic location → **important socio-economic-growth**
- Southern part → **important geo-political events**
- Resources are limited → **IWRM is essential**
- IWRM must be based on **information of good quality**



It is necessary to draw up a
regional reference framework



Territorial scope





Added-value



- **Decision support mechanisms** required to affront challenges on water
- Adaptation to **new needs**: social, economic transformations and environmental prerogatives
- Regional reference framework for **more efficient dialogue** between **stakeholders**
- **Reference material** for the politics: development and administration of **sustainable** and **integrated water resources management**



Beneficiaries



- National and local water **authorities**
- Public and private **project promoters**
- **Governmental** bodies (Ministries of Environment, Agriculture, Health...)
- Regional or International **organizations** compiling water-related data
- **Civil society and economic activities**
- Mediterranean “**networks**”, **donors** could take advantage of the vision delivered by MWPW.



Relevance with other strategies



- **Ministerial Declaration Environment (Cairo, 2006)**

“..to take steps to develop information systems to produce data to support H2020 aims...”

- **Recommendations Ministerial Conference Water (Amman, 2008)**

“...reaffirm the importance of data, information and statistics for analysis and decision making...”

“...strengthening the coordination of initiatives ...seeking comparability, consistency and avoiding duplication of work...”

“...importance of exchange good practices...”

- Efficient tool for preparation and future monitoring of the **Water Strategy for the Western Mediterranean**, foreseen in the framework of the 5+5 Dialogue and its possible extension to other Mediterranean countries.



Content overview



- I. Foreword
- II. Introduction and summarising remarks on the current status of key water issues and management practices in the Mediterranean and the related overall challenges to be met by the White Book
 1. Description of mandate
 2. Description of methodology
 3. List of existing documents, agreements and studies that serve as a basis for water governance in the region and that are taken into account when drafting the White Book
 4. Main analysis (see following slides)
 5. Recommendations for a suitable water management and further action in the region

Annex: Quantitative and qualitative indicators.



Main analysis



- Natural water **resources**, surface and groundwater, environmental and / or geopolitical restrictions and the available resources, including non-conventional sources, access to sanitation, impact of activities on water quality and aquatic life. Effects of the **climate change on water resources**.
- Water use and **demand** scenarios (urban and agricultural water supply, industry, hydropower, tourism...), pollutants and hazardous substances, economic characterisation and water footprint.
- Water **infrastructures**: regulation and hydropower dams, channels, water treatment, irrigation, inter-basin transfers. Impact on environment.
- Water **balances**, including availability and water stress indicators, status of surface and groundwater bodies, relation between main pressures and impacts.





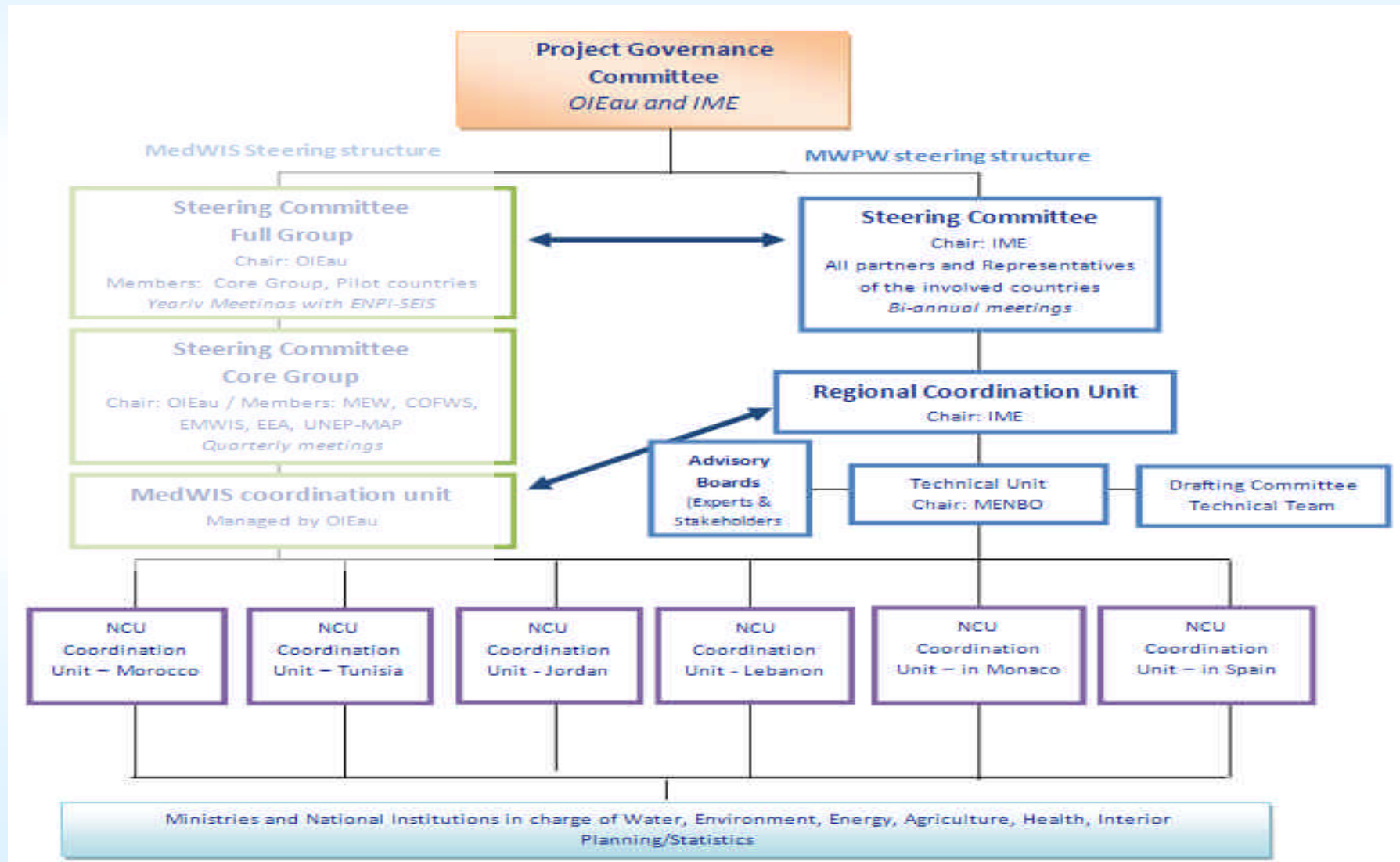
Main analysis



- **Extreme events** (droughts – floods) and **climate change**.
- Management and **planning instruments**: institutions and legal framework, water management organisation in countries and regions, planning tools and economic instruments, European and Mediterranean policies and international agreements.
- Future **challenges**: satisfaction of water demand, protection of water bodies, food safety, social, political-military and territorial conflicts, participatory processes regarding information access and decision making, impact on the sea, climate change, human health, sustainable development,...
- New **technologies and R&D**: monitoring networks, information sources and databases, water information exchange processes, technological advances, water-food-energy nexus, investment priorities and R&D programs.



Project governance





Risks and assumptions



- Timely availability of **funds**
- Availability of **reliable data** (but it is expected that NWIS through NCUs in pilot countries will improve the situation during the course of the project)
- Social and political **stability** in the region with government structures in place and functioning
- At the end of MWPW sub-project, it is expected that countries, river basin authorities and regional entities **will use indicators and recommendations** from the MWPW **to start up planning processes** and water governance structures revisions.



Monitoring: Key indicators



Indicators foreseen	Sources of verification
<ul style="list-style-type: none">•Number of NCUs identified•National Coordination Unit set up in each country•Number of Indicators, graphs or maps defined•Number of draft chapters completed•Number of countries approved the final document•Number of book edited / distributed•Mid and long term: Number of national water planning documents elaborated in each country in the next five-year periods.	<ul style="list-style-type: none">•NCU ToRs validated•Local meetings and annual country visits•Sub-project documents•Steering committee meetings•Survey (ex-post)



Provisional budget



A. REGIONAL ACTIVITIES (€) 2.850.000

- Staff costs 1.576.500
- External experts 302.500
- Communication/dissemination 163.000
- Travel costs 92.000
- Workshops, conferences, meetings.. 321.000
- Contingency reserves 45.000
- Overheads 250.000

B. NATIONAL ACTIVITIES (€) 450.000

- Training workshops 210.000
- National focal points missions 240.000

TOTAL 3.300.000 €



**Thank you
for your attention!**