

6<sup>TH</sup> W O R L D W A T E R F O R U M

# Sharing and monitoring information at the transboundary level for sustainable water management

## Main Outcomes



TIME FOR SOLUTIONS

Eric MINO, Director, EMWIS  
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**SEMIDE**  
EMWIS

## Target and key issues

By xxxx, develop mechanisms to share and monitor information at the transboundary level especially on

- (i) scientific and social data for information systems: contribution to an online inventory and establishment of a water observatory, and
- (ii) indicators and guidelines for programmes monitoring the quality of cooperation and the impact of the lack of access to water on cooperation and peace-building.

*D'ici à 20xx, développer des mécanismes visant à partager et contrôler les informations au niveau transfrontalier, surtout sur :*

- (i) les données scientifiques et sociales destinées aux systèmes d'information : contribution à un inventaire en ligne et mise en place d'un observatoire de l'eau et*
- (ii) Indicateurs et directives pour les programmes surveillant la qualité de la coopération et l'impact du manque d'accès à l'eau sur la coopération et les processus de paix*

## **Speakers and panelists**

- 🔥 *Walter MAZZITTI - President (EMWIS)*
- 🔥 *Eric MINO - Manager of Technical Unit (EMWIS)*
- 🔥 *Shaddad ATTILI - Minister (Palestinian Water Authority (PWA))*

### **Example of transboundary observatories**

- 🔥 *Janique ETIENNE - (French Fund for World Environment (FFEM))*
- 🔥 *Jacob TUMBULTO - Director (Observatory at Volta Basin Authority)*
- 🔥 *Paul HAENER – (International Office of Water (OIEau))*
- 🔥 *Boris MINARIK - Director (International Water Assessment Centre (IWAC))*

### **Support & tools from the International community**

- 🔥 *Neno KUKURIC - Director (International Groundwater Resource Assessment Centre)*
- 🔥 *Peter KOEFOED BJORNSEN - Director (United Nations Environment Programme (UNEP-DHI))*
- 🔥 *Tommaso ABRATE - Scientific Officer (World Meteorological Organisation)*

### **Empowering local actors**

- 🔥 *Gidon BROMBERG – Director (Friends of the Earth Middle-East (FoEME))*

## Solutions overview

🔥 41 solutions received

🔥 Categories:

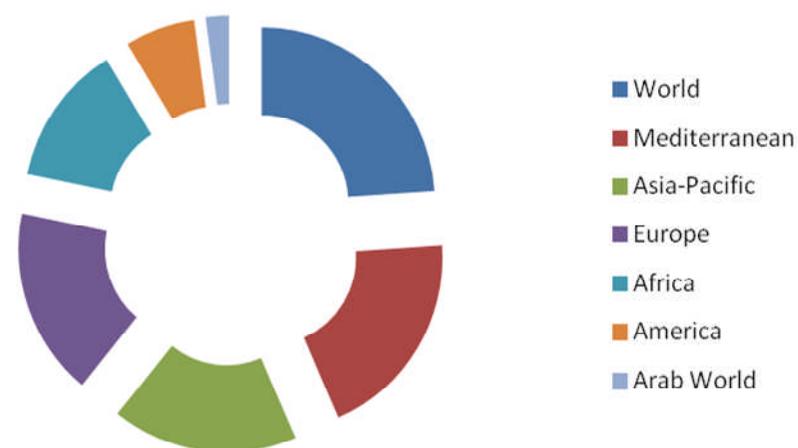
- 🔥 Assessment / observatory
- 🔥 Integrated information systems
- 🔥 Methodologies
- 🔥 Knowledge sharing
- 🔥 User participation support
- 🔥 Platforms
- 🔥 Capacity building

🔥 Addressing the overall water cycle

🔥 Main focus on information systems and monitoring

🔥 Ideas on indicators related to the quality of cooperation

Geographic scope of solutions



## Key of success / Commitments

- 🔹 *Reliable knowledge on the status of and the pressures on water resources is recognized as a prerequisite for peace and building cooperation*
- 🔹 *Adopting a Shared Information Systems approach allowing vertical and horizontal integration*
  - 💧 Use of international standards (e.g. SEEA-W)
- 🔹 *Definition of data sharing responsibilities*
  - 💧 Use of a “common language”
  - 💧 Data management as close as possible to the data source
  - 💧 Multiple use of data collected
  - 💧 Inclusive approach (inter-sectoral and multi stakeholders)
- 🔹 *Building shared water information system in a step wise approach*
  - 💧 State of play, needs and requirements
  - 💧 Data management master plan
  - 💧 Setting up common reference data framework
  - 💧 Progressive system implementation
- 🔹 *Setting up accompanying measures (e.g. capacity building and knowledge sharing)*

**In the Mediterranean region, commitment to building shared water information systems to support peace and cooperation in the framework of the Union for the Mediterranean**

## **Take away messages & unexpected results**

- *Consider that setting up comprehensive information systems is a prerequisite*
- *Clearly specify which institutional bodies are responsible for the permanent organization and operation of such systems,*
- *Guarantee compulsory financial mechanisms which will secure their long-term continuity,*
- *Promote the development of means and specific engineering proficiency in this field,*
- *Support the works that aim at defining common standards and nomenclatures for data administration in order to exchange, compare and summarize the information between partners at all relevant observation levels,*
- *Promote the setting-up of information systems for water resources and their use at river basin level or coherent hydrographic units.*



MARSEILLE - FRANCE

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MERCI / THANK YOU

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