6 TH WORLD WATER FORUM

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

Main Outcomes

TIME FOR SOLUTIONS

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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 transboudary 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

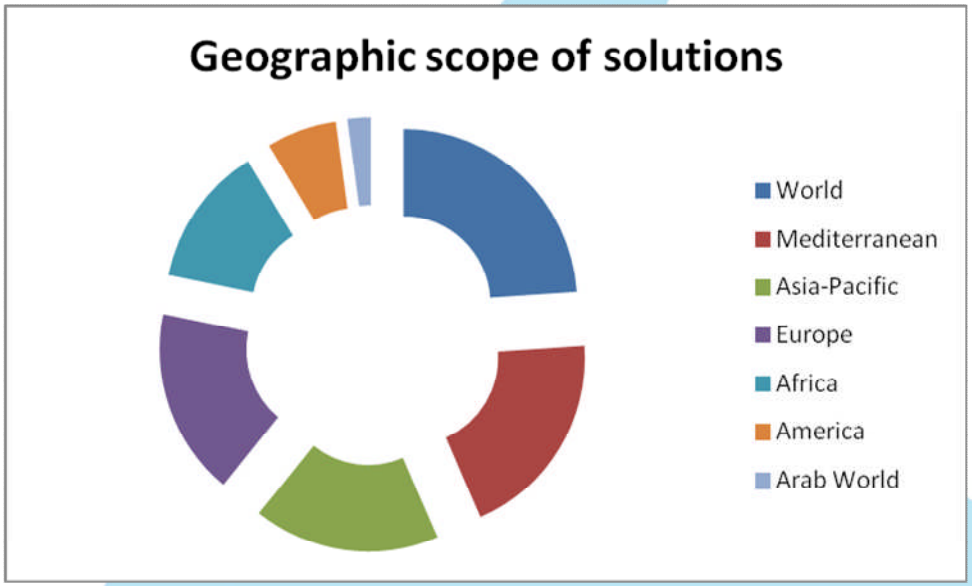
- *Neno KUKURIC - Director (International Groundwater Resource Assessment Centre)*
- *Peter KOEFOED BJORNSEN - Director (United Nations Environment Programme (UNEP-DHI))*
- *Tommaso ABRATE - Scientific Officer (World Meteorological Organisation)*

Empwering 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*



Key of success

- *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**
- *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)*

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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