

6TH 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

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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*

Agenda

10'	<p><i>Introduction and setting the scene</i> Walter MAZZITTI, EMWIS President Eric MINO, EMWIS coordinator</p>
10'	<p><i>Developing National Water Information Systems to support regional cooperation</i> Shaddad ATTILI, Minister of water, Palestine</p>
7'	<p>Panel 1 – Practical approaches for sharing and monitoring information <i>Support for developing Environment Observatories in Africa</i> Janique Etienne FFEM secretariat</p>
7'	<p><i>Capacity building in data administration for assessing transboundary water resources in the Eastern Europe, Caucasus, and Central Asia countries</i> Paul Haener, International Office of Water -OIEau</p>
20'	<p>Debate with Panellists and participants Boris Minarik - International Water Assessment Center Saghit Ibatullin - EC-IFAS Dessouassi Robert – Niger Basin Agency -ABN Jacob Tumbulto – Volta Basin Agency -ABV</p>
7'	<p>Panel 2 Supporting tools from the International Community <i>Support to assessment, monitoring and management internationally shared ground waters</i> Dr Neno Kukurić UN-IGRAC - International Groundwater Centre</p>
7'	<p><i>World Hydrological Cycle Observing System</i> Tommaso Abrate, WMO</p>
7'	<p><i>Transboundary Waters Assessment Programme (TWAP)</i> Peter Koefoed Bjornsen, Director, UNEP-DHI</p>
15'	<p>Debate with Panellists and participants</p>
7'	<p>Panel 3 – Empowering local actors <i>Transboundary Cooperation on shared river basins, the case of Lower Jordan River Basin</i> Gidon Bromberg, Friends of the Earth Middle-East</p>
15'	<p>Debate with participants</p>

Solutions overview

🔥 *41 solutions received*

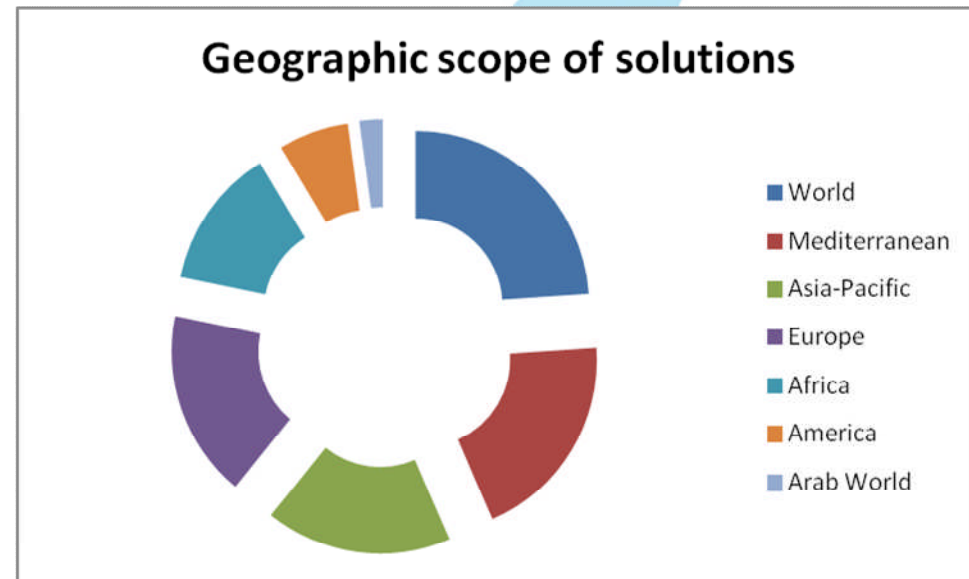
🔥 *Categories:*

- 🔥 **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*



Objective of the session

- To share experiences among different countries and regions on approaches for monitoring and access to water information.***
- To investigate how to develop indicators to monitor the quality of cooperation and the impact of the lack of the lack of access to water on cooperation and peace-building***
- Express and discuss potential commitments***



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2. Updates to the Target Action Plan, including follow-up actions

- 🔥 *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
- 🔥 *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)*

4. 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, and the organization of national information systems consistent with these basin information systems.