



International Network
Of Basin Organizations

topic 3.1: "Basin Management and Transboundary Cooperation".

Operational tools

➤ Long term basin management plan

Crucial role of political will and funding on long term basis for a sustainable development action plan

- Shared vision for integrated management of transboundary surface and groundwaters : based on inventory of potential transboundary issues for reasonable, equitable, optimum use of waters in the context of climate change
- Specificity of transboundary aquifers : aquifers very rarely correspond to one basin - some of them are in region where there is no surface water . Harmonise methodologies, classify TBA according typology.
- Set attainable objectives, focusing on priority areas with strong stakeholder participation
- Develop scenario
- Involve main users and polluters, Focus on benefit trading rather than trading water to meet social, economic, and ecosystem demands



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Operational tools

➤ Legal and institutional instruments

- **First step : inventarization of issues then transboundary river agreement/treaty**
- **Specific** legal and operational tools to be developped for transboundary aquifers
- **International Commission as a Platform for dialogue and negotiation towards dispute resolution and compromise**
- **Mechanisms for collaborative decision making : focus on critical issues first, pilot sites involving all countries of basin, stakeholders at all stages**
- **Create trust at level of politics and stakeholders**
- **external involvement may be counterproductive, when not solicited by the countries involved**



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Operational tools

➤ Basin Information System

- Concern surface and groundwater, socioeconomic indicators...cartographic site on internet
- Homogeneous monitoring network
- Support planning and decision making
- assess effectiveness of policies and action plans
- Facilitate stakeholders and public information and participation
- Develop standard methods, common references and data bases

Reliable and comparable data



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Operational tools

➤ Medium term basin action plan and investment programmes

- Define priorities and agree on testing pilot sites
- Analyse cost-effectiveness of proposed actions
- Evaluate costs and identify implementing organisation
- Non structural measures are also cost effective



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Operational tools

➤ Basin financial resources and funding mechanisms are crucial questions: governance

- Financial decisions are initially taken by the countries of the basin, ODA bring additional financial contribution to national public and private resources
- Establishing sustainable funding mechanism on long term basis is a crucial point : public and private sectors
- Water pricing and User-polluter-payer principles