



بسم الله الرحمن الرحيم

INWRDAM Role in Promoting South-South Cooperation on Water Management

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Presentation by Dr. Murad Jabay Bino
Executive Director, The Inter-Islamic Network on Water Resources
Development and Management (www.inwrdam.org), Amman, Jordan

Director, International Water Resources Association
(www.iwra.org.com), Montpellier, France



Water scarcity challenges

- Water scarcity is across the whole region
 - Total MENA renewable water are estimated at 850 BM³/y and 36% of this amount are withdrawn annually.
 - Overall per capita renewable water is about 2000 M³/c/y in 2005 (850BM³/423M population)
- Majority of water resources are transboundary
- Main water consumer is agriculture and economic return is low
- Domestic water supply (26% population not supplied with piped water and more than 40% not supplied with sanitation services)
- Wastewater treatment and reuse is not high



Water scarcity challenges (Cont.)

- Water scarcity is not reflect on:
 - Sufficient improvement of water management (IWRM)
 - Improved water governance
 - Efficient multiple uses and reduced losses
 - Equitable pricing of water services
 - Investment in R&D for solving water scarcity

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INWRDAM Models for S-SC

- Identification of main areas for cooperation
 - Agriculture water management
 - Sanitation and water reuse
 - Governance and participatory approaches
- Identification of successful projects and experiences in member countries
 - Conduct awareness, training workshops, expert groups, visits
 - Publications

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Models for S-SC (Continued)

- Established cooperation with funding agencies
 - Islamic Development Bank
 - OIC and COMSTECH
 - EU initiatives
- Created regional / global visibility
- Initiatives
 - OIC Water Vision
 - Transboundary shared water agreements
 - Involved in regional and international Forums

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OIC Code of Conduct for Transfer of Technology

COMSTECH as the leading agency of the OIC for science and technology cooperation has published a code of conduct for technology transfer for its member states.

- Guiding principles
- National Regulations of transfer of technology transactions
- Assisting TT to least developed OIC countries

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Irrigation

- Identified priority areas for TT
 - Drainage water management
 - Soil salinization
 - On farm water management
- Conducted regional training workshops on identified area
- Conducted regional expert group meetings in the field of concern

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Sanitation and reuse

- Identified general approaches of OIC member countries to meet MDG
- Identified sanitation provision needs of some countries
- Identified OIC experts in sanitation
- Conducted research on sewage treatment, MBR, constructed wetland, greywater treatment and reuse (GWT&R)
- Promoted regional applications of GWT&R
- Transferred sanitation know-how from projects to research centers
- Established thematic group on greywater treatment

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Water governance

- Conducted regional projects on participatory approaches for local water management
- Established an internet based “Thematic Group on Water Governance”
- Established greywater expert group from the MENA region and helped exchange of technology and know-how transfer between research and applied projects
- Cooperated with international agencies to conduct a number of regional forums on water governance
- Produced knowledge based publications on water governance

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Selected INWRDAM Publications

- Publications of INWRDAM are available on INWRDAM website: <http://www.inwrdam.org>
- Publications related to water governance and treatment are available at: <http://www.empowers.info>





Recommendations

- Create and strengthen TT institutions in the region
- Create network between organizations of TT
- Help developing nations learn from experience of advanced nations
- Include TT projects in socio-economic development plans of OIC member states
- Need to implement OIC water vision

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Thank you for your attention

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