A Regional Perspective on Water-Food-Energy







10th European Conference:

The Implementation of the Water Framework Directive Europe-INBO

Caner AKTAŞ

Boğaziçi University

Istanbul International Water Forum



Preparatory Process

- Great success of 5th World Water Forum laid the foundations of Istanbul International Water Forum
- In-and-around-Turkey Regional Process of 5th World Water Forum
 - Central Asia
 - Middle East
 - Eastern Europe
 - Turkey
- Regional Preparatory Meetings
 - Buttom-up Approach
 - Roundtable Discussions
 - Focus Group Method

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The Event

- MainTheme: «An Istanbul Perspective on Regional Water Problems and Search for Solutions»
- 3-day event with more than 50 sessions
- Ministerial Meeting
- High Level Panels
- Regional Meetings
- Thematic Sessions
- Side Events

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Ministerial Meeting

- Convened with the invitation of Turkish Minister of Environment and Forestry Prof. Dr. Veysel EROĞLU
- Focus on equitable sharing of water on different sectors:
 Water-Food-Energy Nexus approach
- Proposal to establish a water supply fund to provide finance from high and middle income countries to water supply procects in least-developed countries
- Water as a basic human need, duty to finance water supply projects in impoverished regions

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Regional Special Focus Meetings

- Central Asia
- «Agricultural Challenges Focusing on Food Security»
- Middle East:
- «Water and Food Security and Regional Technical Cooperation on Water»
- Eastern Europe
- «Integrated Water Resources Management»
- Turkey
- «Agricultural Water Management and Food Security»

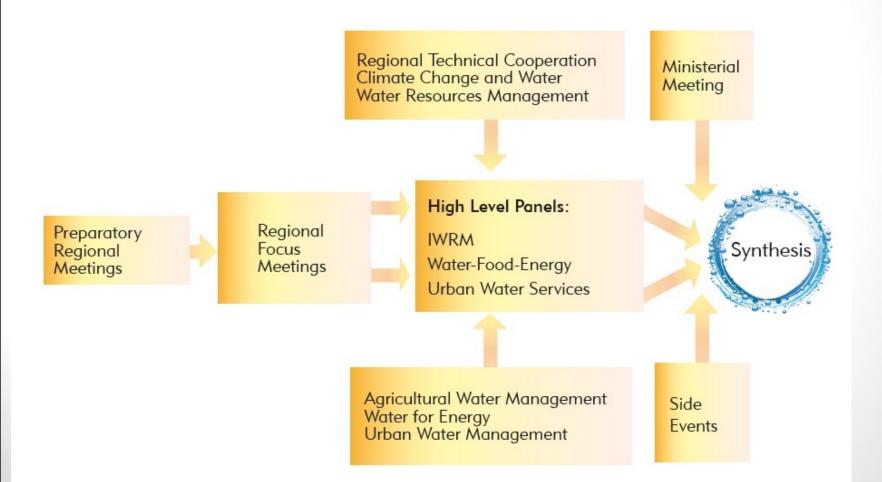
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High-Level Panels

- Three High Level Panel aiming to synthesize the Forum results during the Forum
- Discussions in High Level Panels
 - Integrated Water Resources Management
 - Water-Food-Energy Nexus
 - Urban Water Services
- The panel discussions proved to be the basis for the decision on the focus areas for the synthesis report: Water, Food and Energy









- Defining the access to water and sanitation as a basic human need
- Legal, urban, transboundary dimension
- Change in consumption habits and lifestyles lead to an increase also in per capita consumption
- Either the demand should be managed or the supply for urban water be increased
- Safe, sustainable and adequate infrastructure in order to achieve good quality water





- Deeply intertwined link between food security and water security
- Especially in Central Asia and Middle East meetings, priority of the region is irrigation and food security
- The biggest constraint in the region to increase food production is the amount of water, not the availability of land
- Increasing efficiency of water use to increase yield
- The need of institutional and financial investment to achieve «more crop per drop»





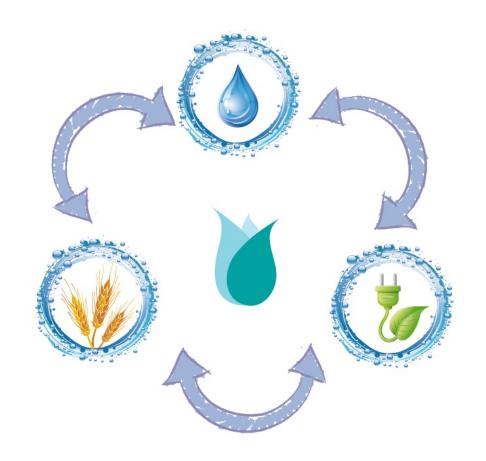
- «Water for Energy» for the regional scope of the Forum, meant hydropower and its development
- Developing character of the region
- Hydropower as an alternative to cope with the growing energy demand
- Untapped potential for hydropower in the region

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The Nexus: Conclusion



- Nexus approach that integrates management and governance across sectors
- Consideration of both quality and quantity without neglecting the ecosystem services
- IWRM at basin scale
- Transboundary basins and the need for cooperation
- Unique mechanisms for every individual basin



Thank you!
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