

# 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
  - Bottom-up Approach
  - Roundtable Discussions
  - Focus Group Method

# Istanbul International Water Forum



## The Event

- Main Theme: «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 projects 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

# Outcomes



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# Outcomes



## Water

- 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



# Outcomes



## Food

- 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»

# Outcomes



## Energy

- «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

# Outcomes

## 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!  
For more information please visit:  
[www.iusf.org.tr](http://www.iusf.org.tr)