

# TACKLING TRADE-OFFS BETWEEN WATER AND ENERGY ACROSS SECTORS AND SCALES

World Water Week in Stockholm, Sunday 31.08.2014, 14.00 – 17.30 in Room k22/23

Convener: Swiss Water Partnership

Co-conveners: CSD Engineers; GIWEH; Group E; Cewas; iDE; SoPAS; Ministry of Water Resources of the Republic of Iraq; WRG 2030; EAWAG/SANDEC; Skat Consulting; Swiss Agency for Development and Cooperation (SDC) and Platform for International Water Law, University of Geneva (UNIGE).

**Seminar Summary:** This seminar highlights the main challenges in achieving water, energy and food security and explores promising solutions (demand side, supply side and creating shared benefits) across sectors and scales to foster synergies and minimize trade-offs. Water and energy experts critically assess scalability and potential synergies of existing solutions and policies.

## Program

**Setting The Scene** (14.00) The Challenges; Mrs. Olga Darazs, Swiss Water Partnership.

### 1. Swiss Advanced Solutions

(14.15 - 15.45)

#### 1a) Managing the demand

Integrated water and energy management solutions; Mr. Alain Sapin, Group E; Mr. Stéphane Maret, CSD Engineers

- More crop per drop with less energy: drip irrigation and solar pumping; Tim Prewitt, iDE; Urs Heierli, SoPAS

Coffee Break (15.45 - 16.15)

### 2. Reality Test (16.15 - 17.30)

#### 2a) Country cases

Tanzania: challenges and relevance of the proposed solutions; Mr. Anders Bertell, Water Resources Group 2030;

- Water Food Energy Nexus in Iraq and Middle East; Ms. Shirouk Abayache, Ministry of Water Resources of Iraq; Prof. Nidal Salim, Global Institute for Water, Environment and Health

#### 1b) Increasing the resources available

Combined solutions: using energy in drinking water systems and in irrigation systems; Mr. Martin Bölli, Skat Consulting

- Synergies instead of trade-offs: linking sanitation to energy production and agriculture with a business approach; Mr. Christian Zurbrügg, Eawag/Sandec; Mr. Michael Kropac, Cewas/Seecon

#### 2b) Panel discussion

Panelists: Mr. Bob Nanes, iDE; Ms. Shirouk Abayache, Ministry of Water Resources of Iraq; Mr. Johan Gély, Swiss Agency for Development and Cooperation; Mr. Alain Sapin, Group E; Mr. Anders Bertell, Water Resources Group 2030

#### 1c) Creating shared benefits

Joint ownership of infrastructure in a transboundary watercourse fostering cooperation of water and energy resources; Prof. Makane Moise Mbengue, Platform for International Water Law of the University of Geneva

- Blue Peace Initiative incentivising coherent policies to manage water and energy in a transboundary watercourse; Mr. Christophe Bösch, Swiss Agency for Development and Cooperation

#### 2c) Wrap-Up and closure;

Mrs. Olga Darazs,  
Swiss Water Partnership



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