

**Protection and Sustainable Use of Transboundary Waters  
in Southeastern Europe**

***International Roundtable on Water and Energy Nexus  
in transboundary basins in Southeastern Europe***

**Agenda**

**6 - 8 November 2013  
Sarajevo, Bosnia & Herzegovina**

**Petersberg Phase II / Athens Declaration Process  
GEF IWLEARN  
Regional Cooperation Council  
MED EUWI**

**Chair:** Mr. Miroslav Kukobat, Head of Infrastructure and Energy Unit, Regional Cooperation Council (RCC) Secretariat

**Co-chair:** Mr. Fritz Holzwarth, Deputy Director General for Water Management, Federal Ministry of Environment, Nature Conservation and Nuclear Safety, Germany

**Rapporteur:** Mr. Michael Scoulllos, Chairman, Global Water Partnership Mediterranean (GWP-Med)

## **6 November 2013 – Wednesday**

12.15 – 13.00

*Registration - light lunch*

<b>13.00 – 14.00</b>	<b>OPENING SESSION</b>
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**13.00 – 13.30**

**Welcome Address**

- *Mr. Fritz Holzwarth, Deputy Director General for Water Management, Federal Ministry of Environment, Nature Conservation and Nuclear Safety, Germany*
- *Mr. Miroslav Kukobat, Head of Infrastructure and Energy Unit, RCC Secretariat*
- *Mr. Mish Hamid, Project Manager, Global Environment Facility (GEF) International Waters Learning Exchange and Resource Network (IW:LEARN)*
- *Mr. Michael Scoulllos, Chairman, GWP-Med*

**13.30 – 13.45**

**Renewable Energy Acquis in the Energy Community – objectives for hydropower development until 2020 in Southeastern Europe**

- *Ms. Gabriela Cretu, Electricity and Renewable Energy Expert, Energy Community Secretariat*

**13.45 – 14.00**

**RCC Strategy and Work Programme 2014-2016 for energy and environment - importance for the SEE 2020 Strategy and links to IWRM**

- *Mr. Miroslav Kukobat, Head of Infrastructure and Energy Unit, RCC Secretariat*

14.00 – 14.15

*Coffee break*

<b>14.15 – 17.00</b>	<b>SESSION 1: Water and Energy Nexus - Securing hydropower sustainability at the transboundary level</b>
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A set of presentations introduced issues related to hydropower production and sustainability. These provided the baseline for and fed the discussions that followed during the Roundtable. Presentations were followed by a panel discussion; the panel interacted with the participants.

*Moderator: Mr. Ales Bizjak, Senior Scientific Collaborator, Institute for Water, Slovenia*

**1. Water resources management and hydropower production**

- *Mr. Tarik Kupusovic, Director, Hydro-Engineering Institute Sarajevo, Bosnia and Herzegovina*

**2. Opportunities for investment in hydropower in SEE**

- *Mr. Dzenan Malovic, Associate Operations Officer, International Finance Corporation (IFC)*

### **3. Hydropower production in transboundary basins – challenges and opportunities**

- *Mr. Leo Penovic, Director of Sava Zagreb Development Programme, Power Company, Croatia*
- *Mr. Bogdan Barbic, Director of Sava River Hydropower Plants, Power Company, Slovenia*
- *Mr. Hajrudin Dzafo, Head of Department for Renewable Energy Projects implementation, Project Manager of small hydro / wind power plants, Power Company, Bosnia and Herzegovina*

### **4. Guiding Principles on Sustainable Hydropower Development in the Danube Basin**

- *Mr. Raimund Mair, Technical Expert - River Basin Management, International Commission for the Protection of the Danube River (ICPDR)*

### **5. Fostering environmentally sustainable hydropower production**

- *Mr. Jian-hua Meng, Water Security Lead, World Wide Fund for Nature (WWF)*

#### **Panel discussion**

*End of Day 1*

20.00

*Evening Reception*

## **7 November 2013 - Thursday**

09.30 – 09.45      **Recap of Day 1**

09.45 – 18.00	<b>SESSION 2: Mapping the Water and Energy Security Nexus</b>
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**09.45 – 10.30      Keynote Presentation: The Water and Energy Nexus in transboundary basins of Southeastern Europe**

The keynote presentation presented the findings of a recent background study for the identification of the state, challenges and issues of Water and Energy Nexus in transboundary basins of SEE.

*Moderator / Keynote presentation: Mr. Thomas Dworak, Consultant, Fresh-Thoughts Consulting GmbH*

#### **Facilitated discussion**

**10.30 – 13.15      Mapping the Water and Energy Security Nexus: the hydropower trade-offs**

During the first part of the Water and Energy Security Nexus mapping session, the participants discussed in two working groups about different aspects of hydropower trade-offs. The working groups reported back to the plenary – a discussion followed.

**10.30 – 12.00: Facilitated discussion in 2 Working Groups:**

- **Theme 1 : Trade-offs between “Economy” and “Environment”**

The participants discussed the trade-offs between hydropower development/

management and the environment.

*Moderator: Ms. Angela Klauschen, Senior Freshwater Policy Officer, WWF*

- **Theme 2 Trade-offs between “Economy” and “Economy”**

The participants discussed the trade-offs between hydropower development/ management and other economic activities using water resources.

*Moderator: Mr. Thomas Stratenwerth, Head of Division “General, Fundamental, International and European Aspects of Water Management”, Federal Ministry of Environment, Nature Conservation and Nuclear Safety, Germany*

12.00 – 12.15

*Coffee break*

**12.15 –13.15: Plenary Discussion - Outcomes of the Working Groups**

*Moderators: Mr. Thomas Stratenwerth and Ms. Angela Klauschen*

13.15 – 14:30

*Lunch*

**14.30 – 16.45**

**Mapping the Water and Energy Security Nexus: identifying benefits and mechanisms for sharing them**

During the second part of the Water and Energy Security Nexus mapping session, the participants discussed about benefits and mechanisms for sharing them.

*Introductory presentation: Mr. Thomas Dworak, Consultant, Fresh-Thoughts Consulting GmbH*

*Moderator: Mr. Friedrich Barth, General Manager, German Water Partnership*

**Facilitated discussion**

15.30 – 16.00

*Coffee Break*

**Mapping the Water and Energy Security Nexus: identifying benefits and mechanisms for sharing them (continued)**

**16.45 – 18.00**

**Mapping the Nexus: identifying and characterizing the water-energy interdependencies (and beyond) in transboundary basins**

In this session, the approach to assessing water-energy inter-linkages under the UNECE Water Convention — considering also linkages to agriculture and the environment — was presented for discussion. The methodology under preparation involves developing a conceptual picture of the Nexus, substantiating it with indicators and quantifying selected aspects.

*Moderator: Mr. Dejan Komatina, Secretary, International Sava River Basin Commission (ISRBC)*

Presentations followed by plenary discussion:

**1. Introduction to the assessment under the UNECE Water Convention**

- *Ms. Annuka Lipponen, Environmental Affairs Officer, UNECE*

**2. Methodology for assessing the Water-Food-Energy-Ecosystems Nexus in transboundary river basins**

- *Mr. Manuel Welsch, Royal Institute of Technology (KTH), Sweden*

**Facilitated discussion**

**18.00 – 18.10**      **Wrap up of Day 2**

*End of Day 2*

**8 November 2013- Friday**

**09.00 – 09.10**      **Recap of Day 2**

<b>09.10 – 11.00</b>	<b>SESSION 3: Addressing the trade-offs from hydropower</b>
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**1. Panel Discussion**

Panel discussion; the panel responded to questions from and interacted with the participants.

- *Moderator: Mr. Dimitris Faloutsos, Programme Coordinator for Southeastern Europe, GWP-Med*
- *Mr. Thomas Stratenwerth, Head of Division "General, Fundamental, International and European Aspects of Water Management", Federal Ministry of Environment, Nature Conservation and Nuclear Safety, Germany*
- *Mr. Dejan Komatina, Secretary, ISRBC*
- *Mr. Michael Scoullos, Chairman, GWP-Med*
- *Mr. Tobias Salathe, Senior Advisor for Europe, Ramsar Convention Secretariat*
- *Mr. Damir Mrden, Advisor, Agency for the Adriatic Sea Watershed Mostar, Bosnia & Herzegovina*
- *Mr. Hajrudin Dzafo, Head of Department for Renewable Energy Projects implementation, Project Manager of small hydro / wind power plants, Power Company, Bosnia and Herzegovina*

**2. Experiences from the field**

- *Mr. Tor Simon Pedersen, Senior Advisor, Ministry of Environment, Norway*
- *Mr. Peter Matt, Head of Engineering Services, Vorarlberger Illwerke AG*

**11.00 – 11.15**      *Coffee Break*

<b>11.15 – 12.00</b>	<b>SESSION 4: Outcomes and the way forward</b>
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- *Mr. Thomas Stratenwerth, Head of Division "General, Fundamental, International and European Aspects of Water Management", Federal Ministry of Environment, Nature Conservation and Nuclear Safety, Germany*
- *Mr. Miroslav Kukobat, Head of Infrastructure and Energy Unit, RCC Secretariat*
- *Mr. Mish Hamid, Project Manager, GEF IW:LEARN*
- *Prof. Michael Scoullos, Chairman, GWP-Med*

*End of the International Roundtable*

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**12.30 – 14.00: Side Event on Water-Food-Energy-Ecosystems Nexus Assessment in the Sava River Basin**

Organizers: United Nations Economic Commission for Europe (UNECE), International Sava River Basin Commission (ISRBC), Global Water Partnership - Mediterranean (GWP-Med), German Federal Ministry of Environment, Nature Conservation and Nuclear Safety (BMU)

*Light lunch: 12.00 to 12.30*