

23.07.2008

Draft Programme

**International Conference Water Efficiency in Urban Areas
Concepts, Technologies, Socio Economics
Würzburg, Germany**

Thursday, January 29th, 2009

10.00 hrs Opening Address
Eckardt Günther, OTTI, Regensburg Germany

Aim of the Conference
Chairman Walter Trösch, Fraunhofer Institute for Interfacial
Engineering and Biotechnology (IGB), Stuttgart, Germany

**1st Session
Climate Change – Boundary Conditions**

Chair:

10.20 hrs Consequences of Climate Change and Demographic Change for
Urban Infrastructure Systems
Harald Hiessl, Fraunhofer Institute for Systems and Innovation
Research (ISI), Karlsruhe, Germany

10.50 hrs Water Resources, Aquatic Ecosystems and Related Uses Facing
Climate Change: a Global View
Jean-Philippe Torterot, CEMAGREF, Antony Cedex, France

11.20 hrs Axel Bromstert, University Potsdam, Germany, tbc

11.50 hrs Lunch and Visit to the Sponsor and Poster Exhibition

2nd Session

Planning / Strategy

Chair: **Bernhard Truffer, Cirus, EAWAG, Dübendorf, Switzerland**

13.30 hrs Water Systems as Part of a Sustainable Urban Utility Provision
Christian Günner, Hamburg Wasser, Germany

14.00 hrs How do we perceive a sanitation strategy today?
Jan-Olof Drangert, University Linköping, Sweden

14.30 hrs Project RIF (Regional Infrastructure Foresight)
Strategic planning in urban water management – Addressing
opportunities with participative foresight
Eckhard Stormer, Cirus, EAWAG, Dübendorf, Switzerland

15.00 hrs
Urban Knapp, EN Architekten, Stuttgart, Germany, tbc

15.20 hrs Coffee break and visit to the Sponsor and Poster Exhibition

3rd Session

Technological Options

Chair: **Harald Hiessl, Fraunhofer Institute for Systems and
Innovation Research (ISI), Karlsruhe, Germany**

16.00 hrs
Walter Trösch, Fraunhofer Institute for Interfacial Engineering
and Biotechnology (IGB), Stuttgart, Germany

16.20 hrs Semi-centralized Supply and Treatment Systems for Urban Areas
Peter Cornel, TU Darmstadt, Institute WAR, Germany

16.40 hrs Energy Efficiency in Urban Water Management
Markus Boller, EAWAG, Dübendorf, Switzerland

17.00 hrs Palestine, Water Reuse Study
Laure Nicolet-Misslbeck, Dorsch Consult Wasser und Umwelt GmbH,
Munich, Germany

17.20 hrs Good Practices of Urban Ecosan Systems
Elisabeth von Münch, Deutsche Gesellschaft für Technische
Zusammenarbeit (GTZ), Eschborn, Germany

Poster Session

Chair: Peter Cornel, TU Darmstadt, Institute WAR, Germany

17.40 hrs

A1 Urban Water Management and Climate Change
Sonia Gupta, Centre for Built Environment, Kolkata, India

A2 Rainwater harvesting as an adaptation to Climate change
Rainwater Harvesting Expert K.R. Gopinath
KRG Rainwater Foundation, Chennai, India

B1 Water in an Asian Megacity: Challenges and Contradictions
Prof. Santosh Kumar Ghosh, Centre for Built Environment,
Kolkata, India

B2 Unlocking the Vicious Circle of Intermittent Water Supply
in Asia - Redefining UFW & NRW
Dr. Kyeong-Ae Choe, Asian Development Bank,
Metro Manila, Philippines

B3 Improved water and wastewater services in Metro Manila
under PPP
Virgilio Jr. Rivera, Manila Water Company, Inc.,
Quezon City, Philippines

B4 Estimating Water Consumption for Improved Water
Management
Ehsan Naeddem, Centre for Advanced Studies in Engineering,
University Taxila, Pakistan

B5 Kolkata's Wastewater Feeds 4000 Hectares of Fish Farms
Jaap Butter, DHV BV, Consulting Engineers,
Amersfoort, The Netherlands

C1 Reuse of Urban Waste Water for Food Production
Arunima Guha, Youth Water Forum, Kolkata, India

C2 Effects of Pre-ozonation on the Optimized Coagulation of
a Typical North Serbia Source Water: Pilot Scale Evaluation
Aleksandra Tubić, Faculty of Sciences, Novi Sad,
Republic of Serbia

C3 Energy Demand for Desalination with Solar Driven Reverse
Osmosis Units
Joachim Went, Fraunhofer ISE, Freiburg, Germany

E1 A New Approach to Optimisation and Cost Reduction of Drinking
Water Supply Systems
Hans-Dieter Stuchly, Björnson Beratende Ingenieure GmbH,
Koblenz, Germany

19.30 hrs Dinner Restaurant “Backöfele”, Würzburg, Germany

Friday, January 30th, 2009

4th Session Economics/Finance

Chair:

- 08.30 hrs New Business Models for Public Waste Water Utilities
Ekkehard Pfeiffer, Emschergenossenschaft/Lippeverband, Essen,
Germany
- 09.00 hrs Investment Needs and Transition
Into which direction we should invest into the future?
Jens Libbe, Deutsches Institut für Urbanistik, Berlin, Germany
- 09.30 hrs Helge Daebel, Emerald Technologies Ventures, Zürich, Switzerland
(tbc)
- 10.00 hrs Georg Obert, Bapcock and Brown, Munich, Germany
- 10.30 hrs Coffee Break and Visit to the Sponsor and Poster Exhibition

5th Session Implementation of Strategies

Chair:

- 11.00 hrs Factors of Drinking Water Consumption Among the German
Speaking Swiss Population
Sören Vogel, EAWAG, Dübendorf, Switzerland
- 11.30 hrs Implementing Climate Adaptation of Urban Areas
Frans van de Ven, Deltares / Delft University of Technology – Urban
Water Management, Delft, The Netherlands

- 12.00 hrs Implementing Strategies to Reduce Disaster Risk in Water Services
Hans-Peter Nachtnebel, University of Natural Resources and Applied
Life Sciences, Dept. of Water-Atmosphere-Environment,
Vienna, Austria
- 12.30 hrs Water Reuse and Recycling in Industrial Application
Karl-Heinz Rosenwinkel, Institute for Water Quality and Waste
Management, Leibniz University of Hannover, Germany
- 13.00 hrs Closing Remarks
Walter Trösch, Fraunhofer Institute for Interfacial Engineering and
Biotechnology (IGB), Stuttgart, Germany
- 13.10 hrs End of the Conference