

Sustainable Urban Water Infrastructure

- Possibilities of Adaptation and Transformation -

An international workshop on infrastructural needs between demographic change, climate adaptation, technical options and economical frameworks

Sunday, 21.09.2008

Check in

Hotel AGON, Scharnweberstraße 21-22, D_10247 BERLIN
(<http://www.agon-frankfurter-allee.de>); Underground Station "Samariterstrasse"

7.15 p.m. Drive to

Palisa Meeting and Convention Centre, Palisadenstraße 48, 10243 BERLIN
(<http://www.palisa.de/en/>); Underground Station "Samariterstrasse"

7.30 p.m. Welcoming & Dinner

Palisa Meeting and Convention Centre, Palisadenstraße 48, 10243 BERLIN
(<http://www.palisa.de/en/>); Underground Station „Weberwiese“

Monday, 22.09.2008

Palisa Meeting and Convention Centre, Palisadenstraße 48, 10243 BERLIN
(<http://www.palisa.de/en/>)

9.00 Opening Session

Chair: Jens Libbe

German Institute of Urban Affairs (Berlin, Germany); Research Association netWORKS

9.10 a.m. Social-ecological Research in Germany

Dr. Monika Wächter

German Aerospace Centre

Project Management Agency for the Federal Ministry for Education and Research

Queries

Introduction and Project Contexts

9.30 a.m. Transition Management to Promote Sustainable Water Infrastructure Management

P.D. Dr. Thomas Kluge

Institute for Social-Ecological Research (Frankfurt, Germany); Research Association netWORKS

9.45 a.m. Driving Forces for Transitions in Infrastructure Development

apl. Prof. Dr. Ulrich Scheele

The Regional Planning and Environmental Research Group (Oldenburg, Germany); Research Association netWORKS

10.10 a.m. Discussion

10.30 a.m. Coffee Break

11.00 a.m. Working Session 1: Urban Development and Ecological Quality

Chair: Dr. Engelbert Schramm

Institute for Social-Ecological Research (Frankfurt, Germany); Research Association netWORKS

11.10 a.m. An Overview of Sustainable Sanitation Solutions relevant to Urban Centres: experience from Sweden as well as from Transition and Developing Countries

Dr. Arno Rosemarin

Stockholm Environment Institute (Stockholm, Sweden)

Queries

11.35 a.m. Decentral Urban Infrastructure in Culemborg (NL)

Dr. ir. Arjan van Timmeren

Delft University of Technology, Department Building Technology (Delft, The Netherlands)

Queries

12.00 a.m. Discussion

12.40 p.m. Lunch

2.00 p.m. Working Session 2:

Semi- and Decentralized Solutions and Impacts on Existing Infrastructure Systems

Chair: Jörg Felmeden

Institute for Social-Ecological Research (Frankfurt, Germany); Research Association netWORKS

2.00 p.m. Water Smart City Systems: Sustainable Solutions for Urban Water Infrastructure

Dr. Shiroma Maheepala

CSIRO Land and Water (Highett, Australia)

Queries

- 2.25 p.m. Demonstration of Decentralised Wastewater Recycling in Urban Villages**
Dr. Martin Anda
 Murdoch University, Environmental Technology Centre (Murdoch, Australia)

Queries

- 2.50 p.m. Discussion**
- 3.30 p.m. Coffee Break**
Explanatory notes on Technical Visit (Jens Libbe)
- 16.00 p.m. Transfer, Meeting Point "Marlene-Dietrich-Platz"**
- 4.20 p.m. Technical Visit**
 Rainwater Reuse (Sony Center, Waterbody Potsdamer Platz)
Peter Hausdorf, landscape architect, (Berlin, Germany)
- Evening: at one`s own disposal; common dinner if desired**

Tuesday, 23.09.2008

- 9.00 a.m. Working Session 3: Reuse and Recovery Technologies – Innovation and Feasibility**
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Chair: Nadine Staben
 IWW Water Centre (Mülheim a.d. Ruhr, Germany); Research Association networks

- 9.00 a.m. Decentralized Urban Infrastructure System: DEUS 21**
Dr.-Ing. Harald Hiessl
 Fraunhofer Institute for Systems and Innovation Research, Competence Center of Sustainability and Infrastructure Systems (Karlsruhe, Germany)

Queries

- 9.25 a.m. Feasibility of Different Treatment Processes of Source-separated Streams**
Dr. Max Maurer
 Eawag Aquatic Research (Dübendorf, Switzerland)

Queries

- 9.50 a.m. Innovative Approaches in China**
Li Fangyue
 Technical University Hamburg-Harburg (Hamburg, Germany)

Queries

10.15 a.m. Discussion

11.00 a.m. Coffee break

Closing Session

11.45 a.m. Adaptation and Transformation – Lessons Learned

Plenary discussion introduced by Prof. Dr. Matthias Koziol

Brandenburg University of Technology, Institute for Urban Construction and Planning (Cottbus, Germany) & COOPERATIVE Infrastructure & Environment (Darmstadt, Germany)

2.00 p.m. Snack and Networking

3.00 p.m. End of the Workshop
