



## Workshop of Techneau 3S Task Force “Small Scale Systems”

### *“Decentralised water supply and membrane processes”*

*Berlin, 7 September 2007 (one day after WA2 Technical Workshop)*

#### Workshop objectives

- Overview of decentralised water supply situation in Europe and worldwide  
*Discussion:* Definition of Techneau’s contribution and expertise within the international undertakings
- Review of membrane-based systems & experience for small-scale supply  
*Discussion:* Techneau international case-studies of membrane concepts in decentralised schemes

#### Workshop outcomes

- Advanced program of Techneau case studies on decentralised water supply
- Synthetic report of discussions to support further development of activities

#### Draft program

##### **8.30-10.00: “Global and European picture of decentralised water supply”**

- A. Hulsmann (KIWA): “Small systems / large problems: Orientations for new EU legislation on small supplies” (title to be confirmed)
- R. Aertgeerts (DHE-WSN, WHO representative): “Reaching the development Millennium Goal with small-scale systems”
- *Open to suggestion* (representative of NGO ?)

10.00-10.30: Coffee break

##### **10.30-12.30: “Viable membrane-based technologies for small-scale systems ?”**

- Dr. Müller (TZW): “A German investigation on the application of membrane technologies for remote applications with unfrequent cleanings”
- M. Peter (EAWAG): “Optimised and universal pre-treatments for POU membrane systems” (title to be confirmed)
- Prof. Frechen (Uni. Kassel): “Gravity-driven NF-systems for water production in emergency cases”
- E. Hoa (KWB): “An international market review of membrane-based systems for decentralised applications”
- *Open to suggestion (Norit representative?)*

12.30-13.30: Lunch

##### **13.30-15.30: “Techneau’s contribution on decentralised water supply” and discussion**

- B. Lesjean (KWB): “Techneau 3S Task Force: integration of R&D activities on Small Scale Systems”
- Break-out into 3 groups of about 12 with the following topics:
  - o Membrane-based systems as appropriate technologies?
  - o Developing Techneau case study program of decentralised water supply
  - o Other Techneau activities in the world of small scale system treatment
- Feedback from the discussions

15.30-16.00: Conclusion and closure of meeting

**Anticipated participant numbers**

About 40 participants, Techneau partners, 3S Task Force members, and externs

**Expected participants from Techneau project (or representatives)**

KWB: B. Lesjean, E. Hoa, Y. Moreau, J. Greskowiak

Anjou Recherche: M.R. De Roubin, M. Caligaris

KIWA : T. van den Hoven, A. Hulsmann

EAWAG : M. Peter, W. Pronk

NTNU : T. Leiknes

UNESCO-IHE :

EUCETSA : P. Ockier

Swartz : C. Swartz

Opalium : L. Pred'homme

Representatives of Techneau WA 1, WA 3, WA 4, WA 5, WA6, WA7

Others ...

**Expected extern participants (or representatives)**

EU: J. Cortvriend

TZW: G. Baldauf

Uni. Kassel: F.B. Frechen

Krüger : K. Hagen

NGO representatives

Representatives of SANDEC, HWTS-WHO, SWITCH, Water for Life, etc ?

Others ...

**Contact for Workshop 'Decentralised water supply'**

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