



## AQUAREHAB CONSORTIUM

## AQUAREHAB & MEETING OBJECTIVES

1. VITO (Flemish Institute for Technological Research) – Belgium  
Coordinator
2. Catholic University of Leuven - Belgium
3. GEUS (Geological Survey of Denmark and Greenland) - Denmark
4. Helmholtz Zentrum München (HMGU) - Germany
5. CTM Centre Tecnologic - Spain
6. Technical University of Delft - The Netherlands
7. Sapion Bodemadvies - Belgium
8. ISODETECT - Germany
9. University of Stuttgart - Germany
10. Wageningen University - The Netherlands
11. Ben Gurion University of the NEGEV - Israel
12. Masarykova University - Czech Republic
13. UNESCO-IHE Institute for Water education - The Netherlands
14. University of Sheffield - UK
15. Politecnico di Torino - Italy
16. Hoganas AB - Sweden
17. University of Copenhagen - Denmark
18. INERIS (Institut National de l'Environnement Industriel et des Risques) - France
19. Environmental Institute - Slovak Republic

AQUAREHAB is a EU financed large scale research project (FP7) that started 1<sup>st</sup> May 2009 with 19 project partners. The AQUAREHAB consortium will work together on the project for 56 months (until 2013). Within this project, different innovative rehabilitation technologies for soil, groundwater and surface water are being developed to cope with a number of priority contaminants (nitrates, pesticides, chlorinated compounds, aromatic compounds, mixed pollutions...) within heavily degraded water systems. Another outcome of the project will be a generic river basin management tool that integrates the impact of multiple rehabilitation measures with chemical, ecological and economic impact assessments of the whole water system.

This meeting is of particular interest to experts, managers, and consultants involved in developing rehabilitation technologies and water management support systems. On the one hand innovative in situ remediation technologies will be demonstrated to technology providers. On the other hand, tools to integrate the remediation technologies in catchment water management will be emphasized. The meeting comprises AQUAREHAB flash presentations and a dedicated stakeholder session where different stakeholders will give their requirements towards the project. Participants to the end-user meeting are encouraged to present their cases and research in a poster session.

### FINAL PROGRAMME

### Second Open End-user Meeting FP7-AQUAREHAB

### Development of Rehabilitation Technologies for Degraded Waters & Integration of their Impact on River Basin Management

January 18th, 2011  
Copenhagen, Denmark



## GENERAL INFORMATION

### DATE

Tuesday, January, 18th, 2011

### VENUE

The meeting will be held at GEUS, where participants have to use entrance N. The address is:

Geological Survey of Denmark and Greenland (GEUS)  
Øster voldgade 10  
DK-1350 Copenhagen K

Participants can take the Metro from the airport to Nørreport station and then walk (1 km) to GEUS.

### REGISTRATION

There is no registration fee, but registration is required.

<https://secure.vito.be/vitoevenement/inschrijving/AQUAREHAB2011.aspx?lang=EN>

Abstracts for poster contribution can be submitted via

[https://secure.vito.be/vitoevenement/inschrijving/AQUAREHAB2011\\_paper.aspx?lang=EN](https://secure.vito.be/vitoevenement/inschrijving/AQUAREHAB2011_paper.aspx?lang=EN)

### SECRETARY:

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### LOCAL CONTACT POINT:

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### HOTEL SUGGESTIONS

Hotel Rye - [www.hotelrye.dk](http://www.hotelrye.dk)

Hotel Fox - [www.hotelfox.dk](http://www.hotelfox.dk)

Ibsens Hotel - [www.ibsenshotel.dk](http://www.ibsenshotel.dk)

Hotel King Arthur - [www.kongarthur.dk](http://www.kongarthur.dk)

Danmark – [www.hotel-danmark.dk](http://www.hotel-danmark.dk)

## PROGRAMME

10h00 **Registration**

10h15 **Welcome**

Deputy Director Bjørn K. Jensen., Geus, Denmark

10h30 **Introduction to the AQUAREHAB project**

Leen Bastiaens, VITO, Belgium,  
Coördinator AQUAREHAB project

11h00 **Objectives and first results of rehabilitation technology developments:**

#### Engineered wetlands

Dirk Springael, KULeuven, Belgium

#### Tailored carrier-bacteria systems

Noam Weisbroth, Ben Gurion, Israel

#### Stimulated biobarriers at the groundwater-surface water interface

Winnie Dejonghe, VITO, Belgium

#### Multibarriers

Leen Bastiaens, VITO, Belgium

#### Injectable Fe-based reactive particles

Jürgen Braun, VEGAS, Germany

12h00 **Objectives and first results of modeling and assessment developments:**

#### Technology models

Piet Seuntjens, VITO, Belgium

#### River basin management tool – REACHER

Ann Van Griensven, UNESCO-IHE, NL

12h30 **Lunch & Poster session**

## PROGRAMME

13h30 **Rehabilitation of the Odense river basin**

A.Fuglsang, Rehabilitation Project Coordinator  
The Danish Forest and Nature Agency, Denmark

14h00 **RISKPOINT - Assessing the risks posed by point source contamination to groundwater and surface water resources**

Philip Binning, DTU Environment, Denmark

14h30 Short Break

14h45 **WFD River Basin Management Plan of Catalonia, current status and future needs**

Dr. L. Galbiati, Water manager  
Catalan Water Agency, Spain

15h15 **Assessing the performance of biostimulation in a TCE source zone: the SABRE**

David Lerner, University of Sheffield, UK

15h45 Drink & Poster session

17h00 End of open meeting

16h30- 18h00 **AQUAREHAB Advisory board meeting**