



Spatial Quality Enhancement, **A**lleviation of Flood Damage and **N**ature Enlargement
THROUGH (RE)**D**evelopment of Mineral Extraction Sites Along Rivers.

2nd Announcement

International Mid Term Conference SAND project

*Towards sustainable mineral extraction along rivers
aiming at flood damage prevention*

Cologne, Germany, 19 and 20 March 2007



SAND project secretariat:
Directorate East Netherlands, PO Box 9070, 6800 ED Arnhem
E-mail: a.m.berkhof@don.rws.minvenw.nl

The SAND project invites you...

- To its presentation of midterm results;
- To reflect on its lessons learned;
- To discuss the way to go from here;
- To proudly open the Moedrath project;
- To come up with items you would like to address during the conference!!

You are most welcome at:

THE SAND MIDTERM EVENT 19 and 20 March 2007 Cologne Germany

The SAND project is halfway and would like you to interactively reflect on its results so far in the very attractive environment of Cologne, close to our Moedrath project. We welcome both partners in the SAND-projects and others such as: participants in other similar Interreg IIIB projects, river basin managers, spatial quality specialists and project and public private partnership managers.

Highlights of the programme:

- *Interactive round-table and plenary discussions* on spatial quality, the role of public-private partnerships in our projects, water quality management issues;
- *Introductions by external speakers from France, Germany, UK and the Netherlands*
- *Presentations on the results* of the SAND project so far (innovative water quality management measures, attractive landscape design, experience with public private partnership)
- *The opening ceremony of the Moedrath Retention Reservoir!*
- *Attractive Evening Programme in the City of Cologne*

Midterm evaluation

- As partners in the SAND-project we will carry out a brief midterm evaluation of the SAND project prior to the conference and present its results in Bergheim. External parties are welcomed to participate in this evaluation. Please find our contact details below.

Suggestions are welcome!

We would like to invite you to suggest specific items that you would like to discuss with the SAND-partners at the conference. Do not hesitate to send an e-mail to, or call

Mr. Adriaan Berkhof (a.m.berkhof@don.rws.minvenw.nl; +31 26 368 87 83) or

Mr. Ulrich Kern (Ulrich.Kern@erftverband.de; +49 2271 88 1245)

Participation is free of charge

WWW.SANDPROJECT.NL

Detailed information is available on the 18th of December 2006



Programme

Conference formats

The **morning and early afternoon sessions on 19 March will be plenary**: brief introductions by the selected speakers will be followed by round table discussions during which selected participants sit at the round table on stage (approximately 4 people) and discuss preselected items guided by the moderator. All sessions will start with a speaker from one of the SAND pilot projects, followed by an external speaker who reflects outside-in on the project. The audience will be invited to actively participate in the discussion. During these sessions the items for the afternoon-workshops will be identified and pinpointed.

The **19 March afternoon sessions** will be parallel workshops around items that are roughly indicated in the programme, but will be further elaborated on the basis of the information and knowledge exchange needs poll and the morning sessions.

The **20 March morning sessions** will be plenary. Rob Bonte will give an outline of the outcomes of the 19 March sessions in a fashion that suits the mixed internal and external audience of the day. Some more external speakers will get the opportunity to reflect on the outcomes and remaining challenges of the SAND project so far.

18 March 2007

20.00 - 21.30 Registration

19 March 2007

8.00 Registration

9.00 Opening by Dr.-Ing. Wulf LINDNER

9.15 Goal of the conference and small introduction SAND project by Mr. Henk NIJLAND, brief explanation of the programme and introduction by Rob BONTE

9.30 - 10.30 **Plenary Session 1.** on combining Mineral Extraction with Flood Retention

1. Flood protection for Bergheim by Moedrath Retention Reservoir. SAND-speaker: Mr. Ulrich KERN from Erftverband. (10 minutes)

2. Reducing flood hazard by pumping water into reservoirs along river Seine by the La Bassée- project. SAND-speaker: Mr. Pierre-Yves DURAND (10 minutes)
3. Reflection on SAND in view of the river Loire. Speaker: Mr. Nicolas-Gérard CAMP'HUIS, Manager of CEPRI (European Center for Flood Prevention) (10 minutes)
4. Round table discussion with speakers and selected participants and discussion with the audience (30 minutes)

10.30 - 11.00 Coffee break and Project Fair

11.00 - 12.00 **Plenary Session 2.** on combining Mineral Extraction with Spatial Quality Improvement

1. Spatial development concept in The Netherlands: SAND's Keent project in the river Meuse. SAND-speaker Mr. Peter VAN DE MOLEN from DLG Zuid(10 minutes)
2. Spatial quality concept in SAND projects in France. SAND-speaker: Mr. Marc THAURONT from Écosphère (10 minutes)
3. Spatial Quality concept in Surrey County, United Kingdom. Speaker Mr. Simon ELSON from the Surrey County Council (10 minutes)
4. Round table discussion with speakers and selected participants and discussion with the audience (30 minutes)

12.00 - 12.50 **Plenary Session 3.** on Public Private Partnership in Mineral Extraction Projects

1. Public Private Partnership in French SAND project. Speaker: Mr. COLSON from LAFARGE (10 minutes)
2. Public Private Partnership in Dutch project 'The Bemmelse Waard'. Speaker Mr. Jan-Willem VAN DE KAMP from Dekker Van de Kamp B.V. (10 minutes)
3. Round table discussion with speakers and selected participants and discussion with the audience (30 minutes)

12.50 - 14.15 Lunch

Afternoon: Parallel sessions in two rounds

14.15 - 15.30 **Parallel sessions 1**

a. **Sustainable management in mineral extraction projects and the role of authorities:** steering, supervising or accompanying the industry?

1. Public Private Partnership in The Netherlands: example

from SAND's Afferdense and Deestse Waarden project. SAND-speaker Mr. Boréas ZANDBERG from Rijkswaterstaat East Netherlands (10 minutes)

2. Regional planning for mining areas in Germany: Institutional and alternative approaches to land use concepts. Speaker Prof. Christian NIEMANN-DELIUS from Institut für Department of Mining Engineering III, RWTH Aachen (10 minutes)
3. Discussion

b. **Flood Damage Alleviation** by mineral extraction: alternatives and challenges for the coming years.

1. Midstream and Downstream measures for Flood Damage Alleviation: examples in the SAND project. SAND-speaker: Mr. Adriaan BERKHOF from Rijkswaterstaat East Netherlands (10 minutes)
2. Retention measures: example in France. SAND-speaker to be defined. (10 minutes)
3. Potential contribution of mineral extraction sites to flood alleviation by connecting isolated redeveloped ponds in the lower river Rhine. Speaker: Ms. Gudrun ATHING from RWTH Aachen. (10 minutes)
4. Discussion

15.30 - 16.00 Tea Break and Project Fair

16.00 - 17.15 Parallel sessions round 2

a. Results on **Spatial Quality Improvement** in cultural perspective: process, quality perception and the role of landscape designers. Challenges for the coming years.

1. Lessons learned from different Spatial Quality concepts in the SAND project. SAND-speaker: Mr. Perry CORNELISSEN from Rijkswaterstaat RIZA (10 minutes)
2. Spatial quality concept for Cologne region. Speaker: Prof. AUFMKOLK from RegioGrün (10 minutes)
3. Discussion

b. Results on **Water Quality Improvement** and challenges for the coming years

1. Different usage concepts on water quality problems and remedies in SAND project. SAND-speaker: Ms. Janneke LOURENS from Rijkswaterstaat Bouwdienst (10 minutes)
2. Water quality management of mining lakes. Speaker: PD Dr. Andreas KLEEBERG from Leibniz-Institut für Gewässerökologie und Binnenfischerei (10 minutes)

3. Presentation on Sub aqueous sediment depots with active barrier systems - an option in river basin management and flood management approaches. Speaker: Dr.-Ing. Patrick JACOBS from TAUW GmbH. (10 minutes)
4. Discussion

17.15 End of programme

19.00 Dinner in Cologne

20 March 2007

- 9.00 Opening and welcome to the new guests by Mr. Henk NIJLAND, SAND project manager
- 9.15 Briefing on the results of yesterdays session and plenary discussion by Mr. Rob BONTE
- 9.30 Presentation on spatial quality concept in The Netherlands by Mr. Willem OVERMARS from Wildernis (title to be defined)
- 11.00. Round table discussion with external speakers and selected participants on Public Private partnership (Steering Group)
- 11.30 Explanation of the Moedrath project and introduction to the afternoon programme by Mr. Ulrich KERN

12.00 -13.00 Lunch

13.00 - 17.00

Opening Ceremony and Site visit to the Moedrath project