



**S**PATIAL QUALITY ENHANCEMENT, **A**LLEVIATION OF FLOOD DAMAGE AND **N**ATURE ENLARGEMENT  
THROUGH (RE)**D**EVELOPMENT OF MINERAL EXTRACTION SITES ALONG RIVERS.

## Final Announcement / Programme

### International Mid Term Conference SAND project

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

**Cologne, Germany, 19 and 20 March 2007**



This project has received  
European Regional  
Development Funding  
through the INTERREG III B  
Community Initiative



SAND project secretariat:  
Directorate East Netherlands, PO Box 9070, 6800 ED Arnhem  
E-mail: [adriaan.berkhof@rws.nl](mailto:adriaan.berkhof@rws.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 Cologne. 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 ([adriaan.berkhof@rws.nl](mailto:adriaan.berkhof@rws.nl); +31 26 368 87 83) or  
Mr. Ulrich Kern ([Ulrich.Kern@erftverband.de](mailto:Ulrich.Kern@erftverband.de); +49 2271 88 1245)



This project has received  
European Regional  
Development Funding  
through the INTERREG II B  
Community Initiative



[WWW.SANDPROJECT.NL](http://WWW.SANDPROJECT.NL)

## 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 Mr. 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 Mr. 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 Mr. 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: Mr. Gerd 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: Mr. Andreas KLEEBERG from Leibniz-Institute of Freshwater Ecology and Inland Fisheries (10 minutes)

3. Presentation on Sub aqueous sediment depots with active barrier systems - an option in river basin management and flood management approaches. Speaker: Mr. Patrick JACOBS from TAUW GmbH. (10 minutes)
  4. Discussion
- 17.15 End of programme, followed by an evening-programme 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 (Sand 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.

The openingceremony will be attended by representatives of the State North Rhine Westphalia and regional organizations and the involved SAND organizations

## Opening Moedrath Retention Reservoir and Field Visit

The Moedrath Retention Reservoir will be opened during a ceremony. The construction of the inlet and outlet works has been completed in the beginning of 2007. After the opening ceremony there will be a field visit.



*Outlet structure*



*The weir, completed*



*The weir, under construction*

## General Information

### Venue

The conference will take place in the RESIDENZ am Dom, right in the city centre of Cologne.

RESIDENZ am Dom, An den Dominikanern 6-8, 50668 Cologne, Germany. Telephone: +49 (0) 221/16 64 0.

More information at:

[http://www.tagung-am-dom.de/html\\_en/tagung.html](http://www.tagung-am-dom.de/html_en/tagung.html)

### Transport

The RESIDENZ am Dom is only a 2 minute-walk from the main station. Starting from the main station you walk in the right direction and follow the "Dompropt-Kretzer-Straße". At the round-about continue straight on and follow the continuation "An den Dominikanern". The RESIDENZ am Dom is on the right side, house number 6-8. From the Cologne airport: Take the train S13 to the main station, or by car take the motorway A 59. You will need approximately half an hour.

### Hotels

Hotel reservations will be made by Erftverband Secretariat (Volker Gimmler, Phone: +49- (0) 2271-88-1291 / Fax: +49-(0)2271-88-1210. Confirmation of reservations will be sent to participants if their registration forms are properly filled in. The cost of accommodation is to be paid by the participant.

Hotel accommodation in Cologne is limited during this time of year. Extra accommodation will be in hotels in and near by Cologne.

### Bus shuttle to Moedrath Retention Reservoir

On 20 March a conference bus will travel from the RESIDENZ am Dom to the Moedrath Retention Reservoir

(Kerpen) right after lunch. Return to point of departure is planned for 18.00 with drop-off at the railway station in Cologne. All non-regional trains go through Cologne.

### Languages

English will be the working languages. English and French interpreters will be available during the plenary and parallel sessions.

### Registration

If you wish to participate, complete the registration form and return it before 12 February to the Erftverband secretariat. Participating this event is free of charge, however for logistical reasons we require that you sign-up. Food and drinks as mentioned in the programme will be arranged for those with advance registration.

### Erftverband Secretariat

Abteilung G2, c/o Herr Volker GIMMLER

Paffendorfer Weg 42,

G-50126 Bergheim

Phone: +49- (0) 2271-88-1291 / Fax: +49-(0)2271-88-1210

[volker.gimmler@erftverband.de](mailto:volker.gimmler@erftverband.de) / [www.erftverband.de](http://www.erftverband.de)

### Publication

The conference results will be published by the SAND project.

### Poster presentations

Project posters can be set up in the central hall of the RESIDENZ am Dom. Interested projects are requested to contact the Organising Committee (Adriaan Berkhof, Ulrich Kern). Your posters should preferably be in English language.

*This conference is presented by SAND, a project funded by INTERREG III B for Spatial quality enhancement, Alleviation of flood damage and Nature enlargement by Development and redevelopment of mineral extraction sites along rivers.*

### SAND Partners are:

- Ministry of Transport, Public Works and Water Management East Netherlands (The Netherlands)
- Dutch Government Department for Land and Water Management (The Netherlands)
- Institution Interdépartementale des Barrages - Reservoirs du Bassin de la Seine (Grands Lacs de Seine) (France)
- Agglomération de la Région de Compiègne (France)
- Erftverband (Germany).

- Lead Partner: Ministry of Transport, Public Works and Water Management / Rijkswaterstaat East Netherlands (The Netherlands)



LES GRANDS LACS DE SEINE



Ministerie van Landbouw,  
Natuurbeheer en Voedselkwaliteit  
Dienst Landelijk Gebied



Ministerie van Verkeer en Waterstaat  
Directoraat-Generaal Rijkswaterstaat  
Oost Nederland