The SedNet project

Jos Brils
SedNet coordinator

Netherlands Organisation for Applied Scientific Research
Mission

To be a European network for environmentally, socially and economically viable practices of sediment management on river basin scales


SedNet funded by European Commission, DG-Research as Thematic Network (Contract No.: EVK1-CT-2001-20002)
Ambition (initial, EC funded)

- Raise awareness
- Improve network functioning
- Sustainable Sediment Management (SSM) guidance
- Sustain SedNet (>2004, end EC funding)

Willingness to support?
EC perspective on Thematic Networks

Stakeholders’ Problems

RTD needs

RTD project

Results

Recommendations to “stakeholders”

Gaps in knowledge

translation

Gaps in knowledge

e.g. AT1

e.g. AT2

(J. Büsing, September 2003 2nd SedNet conference)
SedNet network

Persons involved: 25 75 > 800

Coordinator

WP-leaders

Stakeholders Panel

EC, Networks (NICOLE, Senspol, ICES, Common Forum), AquaTerra (FP6),

National sediment networks (NL, B, D, UK, E), FP5 projects (Welcome, Abacus, Phytodec, ..)
Own organisations & networks

PIANC, CEDA, ESPO, ARGE-Elbe, CEFIC, NICOLE UNESCO, Common Forum

WP-core teams
SedNet project structure

WP1 Coordination, synthesis, dissemination & stakeholders panel (SP)

WP2 Management at basin scale

WP3 Quality & impact assessment

WP4 Dredged material treatment

WP5 Risk management

WP1: Jos Brils (TNO, NL)
WP2: Phil Owens (Cranfield University, UK)
WP3: Damia Barcelo (CSIC, E)
WP4: Peppe Bortone (ARPA Emilia Romagna, I)
WP5: Susanne Heise (TU Hamburg Harburg, D)

SP chair: Tiedo Vellinga (Port of Rotterdam, NL)
Deliverables

Free of charge, through website:

• Who-is-who (already at website)

• Guidance to sustainable sediment management:
  Booklet “Contaminated Sediment in European river basins”
  (Final Draft at website and in your bag, definite: end 2004)

Commercially published by Elsevier:

• Scientific books on the specific sediment management issues
  addressed (manuscripts by end 2004)
**Who-is-who**

Information categories:
- Personal details
- Relation to SedNet
- Organisation
- Specific activities
- Expertise (sediment related)
- Topics suggested for JPA
- Modalities/Financial possibilities
- Ongoing EC projects (related to sediment issues)

Included:
- Search tool (key-words)
**SedNet booklet**

**Aim:**
- Awareness raising to sediment issues at policy making level

**Content:**
- recommendations and guidance to integrated, sustainable sediment management, from local to river basin scale
- indicates sustainable solutions for the management and treatment of contaminated sediment and dredged material
- addresses practical sediment management issues
- integrates SedNet’s position on: value of sediment; sediment in relation to EU policies development and in relation to EU research (recommendations)
Four books (Elsevier 2005)

1. Sediment management at the river basin scale
   edited by Dr. Phil Owens, Cranfield University, UK

2. Sediment quality and impact assessment of pollutants
   edited by Prof. Dr. Damià Barceló, CSIC, Spain

3. Sediment and dredged material treatment
   edited by Dr. Peppe Bortone, ARPA Emilia Romagna, Italy

4. Sediment risk management and communication
   edited by Dr. Susanne Heise, TU Hamburg-Harburg, Germany
How we work(ed)

- Website: www.SedNet.org
- Monthly E-newsletter, 900 receivers, world-wide
- Promotion at conferences, workshops etc.
- Joint Programme of Activities (JPA)
- SedNet associated Journal of Soil and Sediments (JSS)
- Participation/cooperation with UNESCO ISI, and others
- SedNet conference and workshops
- Advice EU policy development & assist implementation
SedNet tour de l’Europe

- Conferences
  - Venice: 04/02 – 09/03
  - Hamburg: 05/03
  - Warsaw: 04/04

- Workshops
  - WP1 Stakeholder participation
    - Silsoe: 10/02
  - WP2 Management at the basin scale
    - Rotterdam: 12/03
    - Utrecht: 09/04
    - Lleida: 11/03
    - Warsaw: 04/04
  - WP3 Quality and impact assessment
    - Berlin: 04/03
    - Barcelona: 11/02
    - San Sebastian: 06/04
    - Lisbon: 01/04
    - Antwerp: 11/02
  - WP4 Treatment
    - Bologna: 12/03
    - Hamburg: 05/03
    - Frankfurt: 05/04
  - WP5 Risk management and communication
    - Athens: 11/03
    - Frankfurt: 05/04
    - Bologna: 12/03

- Nicole – SedNet
  - Rotterdam: 12/03
  - Utrecht: 09/04
  - Bologna: 12/03
  - Athens: 11/03
SedNet relation to EU policy development & implementation

Soil Strategy
Participation to Thematic Strategy for Soil Protection Working Group on Soil Erosion (Phil Owens)

WFD-AMPS
Participation to EC WFD Expert Group on Analysis and Monitoring of Priority Substances (AMPS) (Jos Brils)
Greatly acknowledged:

Project funding

Conference sponsors

European Commission

Venice Port Authority

Free and Hanseatic City of Hamburg
Dept. of Port and River Engineering

Thank you for your attention