



# NICOLE: Evolving Perspectives in Contaminated Site Management in Europe



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Chairperson Nicole industry subgroup

4 October 2005

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# Outline



- Pre-Nicole
- Start and development of Nicole
- Members of Nicole
- Evolving goals
  - Mission and ambition
  - Projects
  - Communication
  - Interfacing
- Future development and challenges

## Pre-Nicole; triggers for cooperation



- **Several major contaminated land issues**  
(eg Volgermeer polder in NL)n
- **National R&D programs started to tackle contaminated land issues**  
(NL: Nobis; UK: Clai;re, Germany: BMBF)
- **New techniques and methods came in focus**  
(Risk assessment, Monitored natural attenuation),
- **Knowledge and expertise scattered,**
- **Ad hoc communication between industry, consultants and regulators.**



## Nicole: Network of industrially contaminated land

1996 Started as a EU funded 4<sup>th</sup> framework project  
Since 2000 self-sustained by membership fee

Enable European industry to identify, assess  
and manage industrially contaminated land  
efficiently, cost effectively and within a  
framework of sustainability.

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# Nicole organisational set-up



Steering group  
Divyesh Trivedi  
Marjan Euser

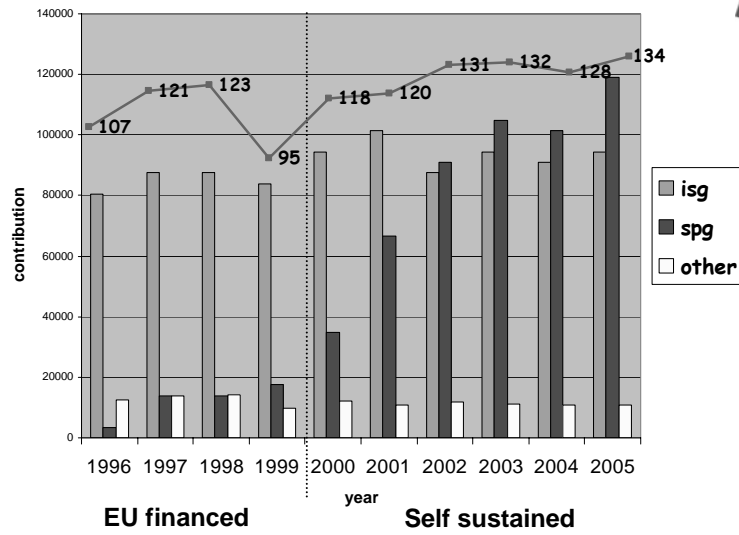
ISG  
Anja Sinke  
Lida Schelwald

SPG  
Johan de Fraye  
Elze-Lia Visser

University representative  
Hans-Peter Koschitsky

members

# Development of membership



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# ISG members



BP  
Chevron Texaco inc.  
Cherokee  
Corus group  
DOW Benelux BV  
DuraVermeer  
Dynea ASA  
ENI  
ERG Petroli SpA  
ExxonMobil  
Fortum Oil Oy  
Gaz de France  
JM AB  
MMG Montan  
Grundstrucksgesellschaft

Nexia solutions  
Philips Electronics Nederland BV  
Port of Rotterdam  
Repsol YPF  
Rhodia  
Sasol  
Secondsite properties  
Shell Global Solutions  
Solvay S.A.  
Syndial  
Royal Vopak  
Total  
Taylor Woodrow  
Umicore

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# Evolving goals ?

## Mission and ambition



- Risk based land management
  - Sound scientific basis
  - Technology development
  - Best practises and evaluation tools
  - Communication
  - Sharing knowledge



Who formulates ambition and mission ?



members

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## Nicole communication (intern)



- Nicole workshops (twice a year)
- ISG and SPG meetings (twice a year)
- Steering group meetings (three times a year)
- Nicole newsletter
- Nicole website (<http://www.nicole.org>)
- Regular email updates by secretary

## Nicole communication (extern)



- SG meetings with 'Brussels'
- Joint statements with other networks
- Participation in steering groups and review panels,

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Claudia Ozalabal, Alexandre Paquot, Philippe Quevauviller, Jurgen Busing

# Next Nicole workshop Sardinia, 1-2 December 2005



NICOLE  
*A Network for Industrially Contaminated Land in Europe*

**The impact of EU-directives  
on the management of contaminated land.  
Do we have to start site remediation all over again?**

NICOLE Workshop 1 and 2 December 2005  
Venue: T Hotel, address: Via dei Giudicati - Cagliari, Sardinia, Italy  
[www.thotel.it](http://www.thotel.it)

**Preliminary program**

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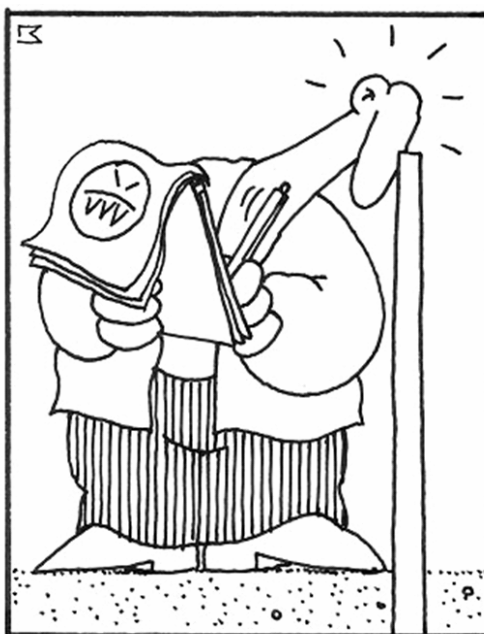
# Projects



- Risk communication (1997)
- Good practise survey (1999)
- MNA (overview guidelines 1999)
- PURE (protection of groundwater at industrially contaminated land, 2003)
- Risk communication (2004)
- Evaluation of risk assessment models (2004)
- MNA (demonstration project, 2005)

Booklet on MNA:

French  
German  
Dutch  
English  
Italian



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## Risk communication (2004)



### Communication on contaminated land



With thanks to  
Lida Schelwald-vd Kley &  
Christer Egelstig

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# Interfacing



- Common forum
- Cabernet
- CARACAS → CLARINET
- CEFIC
- CEN-ISO
- CONCAWE
- NATO-CCMS
- PERF
- Projects EU 5<sup>th</sup> & 6<sup>th</sup> framework:
  - PURE, CABERNET, Sednet
  - Welcome, Eurodemo, EUGRIS



## Future development and challenges (intern)



Further strengthening of network,  
Improved knowledge sharing within Nicole,  
Start of working groups by members,  
..

## Future development and challenges (extern)



- EU directives and implementation
- Waste directive
- Water framework directive
- Groundwater daughter directive
- Soil strategy
- EU harmonisation

**Goal: Risk based land management**

## Overview of chairs



### **Nicole chairmen:**

- Martin Bell (ICI)
- Paolo Cortesi (ENI)
- Rae Crawford (Exxon)
- Karen Cerneaz (Shell)
- Steve Wallace (Secondsite)
- Divyesh Trivedi (BNFL)

### **Industry subgroup chairmen:**

- Cees Buijs (Port of Rotterdam)
- Bill Hafker (Exxon)
- Rae Crawford (Exxon)
- Terry Walden (BP)
- Anja Sinke (BP)

### **Service providers group chairmen:**

- Mike Summersgill (VHE)
- Wouter Gevaers (TAUW)
- Thierry Imbert (TAUW)
- Johan de Fraye (MWH)

### **Secretariat:**

- Marjan Euser (Nicole secretary)
- Johan van Veen (Nicole secretariat)
- Lida Schelwald-vd Kley (ISG secretary)
- Elze-Lia Visser (SPG secretary)