



NICOLE: Evolving Perspectives in Contaminated Site Management in Europe



Anja Sinke
Technology coordinator BP Europe, Middle East & Africa
Chairperson Nicole industry subgroup

4 October 2005

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1

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 4th 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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4

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

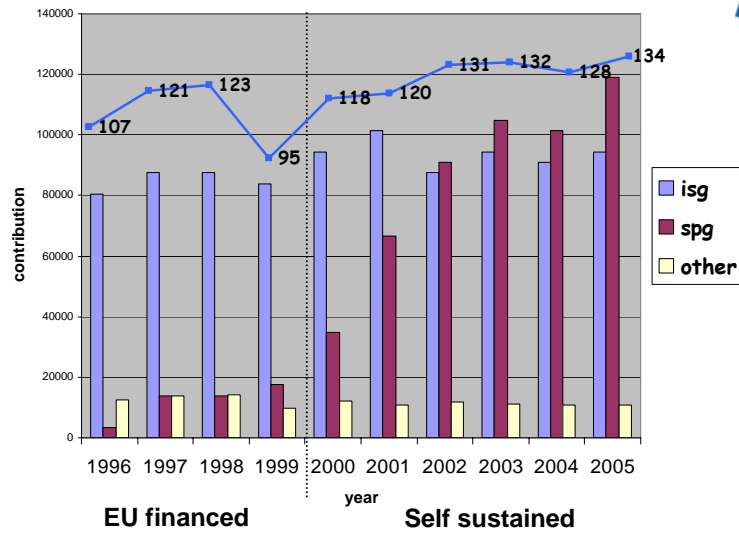
members

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5

Development of membership



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6

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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7

Evolving goals ?

Mission and ambition



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

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8

Who formulates ambition and mission ?



members

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9

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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11

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

Preliminary program

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12

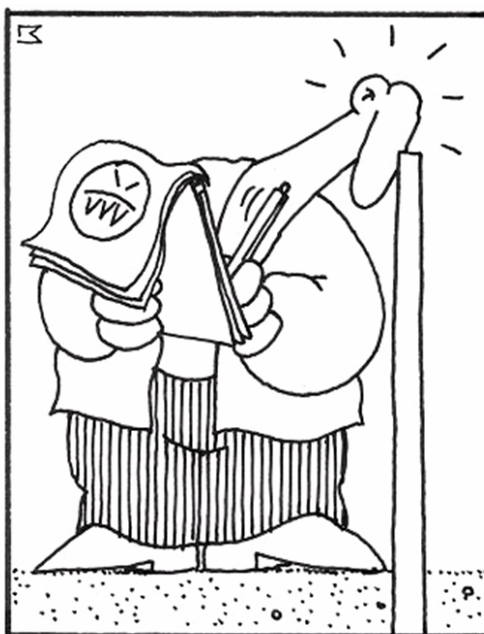
Projects



- 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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14

Risk communication (2004)



Communication on contaminated land



With thanks to
Lida Schelwald-vd Kley &
Christer Egelstig

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15

Interfacing



- Common forum
- Cabernet
- CARACAS → CLARINET
- CEFIC
- CEN-ISO
- CONCAWE
- NATO-CCMS
- PERF
- Projects EU 5th & 6th 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)