

Final programme Study tour Soil Remediation “From legislation to innovative remediation” Renare Mark members Sweden

Time period: Monday 30 October – Wednesday 1 November 2006

Focus during study tour:

- Present legislation in the Netherlands and the basis for this improved legislation;
- Technical Remediation projects, focussed on implementation of the present legislation in practice.

Introduction:

Since the eighties of the last century the Netherlands has been active in the cleanup of contaminated sites. Both legislation concerning soil contamination and remediation technologies have developed in the last 25 years. Technical remediation knowledge has greatly improved due to national funding programs like NOBIS and SKB, leading to new, innovative technologies. And with the experiences from this 25 years period, legislation has been adapted and has become more in line with the public awareness of contamination and social developments.

The aim of this study tour is to present how legislation in the Netherlands has evolved and is brought into practice by various municipalities and governmental bodies. And to show what kind of remediation technologies are used to reach the preferred remediation targets. We will visit 2-3 remediation projects, each project starting with the legislative part of the project and how this is translated into remediation targets. From thereof the actual (technical) remediation project will be presented and will be visited.

Final programme:

Sunday 29 October 2006:		Arrival of participants at Schiphol (at own cost and planning) and transfer to hotel in Amsterdam
	19.30 h:	Welcome drinks and snacks and presentation of final programme, time schedules (until 21.00 h)
Monday 30 October 2006:	9.00 h:	Transfer to Gasworksite Amsterdam
	10.00 h:	Presentation of evolution in Dutch legislation and remediation aims by Mr. Ruud Cino, Head of the Soil Remediation Department, Ministry of Housing, Spatial Planning and Environment
	11.00 h:	Presentation of the Project Gasworksite “Oostergasfabriek Amsterdam” by Marieke Nonhebel, DHV and Frank van Hage (Municipality of Amsterdam) <ul style="list-style-type: none">- Description of the site and remediation actions- Management of “the surroundings”: complexity in urban area- Discussion
	12.00 h:	Presentation of the project management of the gaswork remediation, Gerard Scheffrahn, municipality of Amsterdam
	13.00 h:	Lunch

- 13.45 h: Visit to Oostergasfabriek site and explanation of the various activities at the site, André Kok, DHV
- 14.30 h: Chemical oxidation and groundwater treatment, Tony Kok, DHV (with some reservations)
- 15.30 h: End of technical tour and transfer to hotel
- 16.30 h: Boat tour through the canals of Amsterdam (start is across the hotel)
- 18.15 h: Dinner at Boom Chicago (dinner and show), additional visit nightlife of Amsterdam
- Tuesday 31 October 2006:
- 8.30 h: Transfer to Driebergen site
- 9.30 h: Presentation of the VOC remediation technology at the site and remediation goal, Marc van Bommel, Bioclear
- 11.00 h: Transfer to DHV in Amersfoort
- 11.15 h: Presentation by Chris van de Meene of SBNS, Dutch Railways remediation organisation:
- Short description of SNBS: why, which tasks, status now
 - Description of remediation sites, e.g. Amersfoort
 - Discussion
- 12.15 h: Lunch
- 13.15 h: Visit of the Amersfoort site and explanation of the activities performed
- 14.15 h: Transfer to Groningen
- 16.15 h: Arrival at City hotel in Groningen
- 18.00 h: Dinner (Buffet with Dutch “stamppot”)
- 20.00 h: Visit to Hooghoudt, liquor tasting
- Wednesday 1 November 2006:
- 9.30 h: Transfer to Municipality of Groningen
- 10.00 h: Implementation of remediation projects in the city of Groningen:
Specific item on Renewal of the policy and how government and municipality of Groningen implement and organize soil remediation.
- 11.30 h: Lunch
- 13.00 h: Transfer to Amsterdam for further personal stay (at own cost) and/or transfer to Schiphol airport (arrival approx. 15.00 h)