

Ecological Engineering and the Urban Landscape

Plus IEES general assembly 2010

Program - Thursday 2 September

chair: Hein van Bohemen

13.00-13.15 Welcome to Waternet and the Waternet building - Joost Kappelhof and Ruud Kampf

13.15-13.30 Purpose of the workshop and short presentation of the programme - Hein van Bohemen

13.30-14.00 Biotope City Concept: Greening the city - Helga Fassbinder

14.00-14.30 Principles of ecological engineering and the metabolism of cities - Hein van Bohemen

14.30-15.00 Tea time

15.00-15.30 The green envelope of urban areas (urban green, green roofs and green façades) - Marc Ottelé

15.30-16.00 The Waterharmonica: constructed nature to close the watercycle - Ruud Kampf

16.00-16.30 Role of engineers in bridging ecology and civil engineering - Andrew Dakers

16.30-17.00 The role of art to increase ecological and cultural awareness - Jeroen van Westen

Transport and sightseeing to centre of Amsterdam by boat: leave at 17.15 in front of Waternet building: please confirm

20.00-22.00 Diner:

Extended Tibetan diner, incl. Tibetan tea (25 Euro pp) Dutch treat: on own expenses downtown

Tibet restaurant, Lange Nieuwe 24, 1012 GT Amsterdam



Friday 3 September 2010:
“The ecological engineering knowledge market for contributing to a practical guide”
chairs: Hein van Bohemen (morning) and Petter Jenssen (afternoon)

Check in: between 08.00-09.00

09.00-09.40 Waternet: An integrated water cycle company - Joost Kappelhof and Ruud Kampf (Waternet)

09.40-10.15 Which knowledge is essential for ecological engineering to function sustainable (Think piece and blueprint of ecological engineering), on the basis of ecosystem functioning - Hein van Bohemen (on the basis of papers from Ken Gnanakan, Ph. Hunemund and others)

10.15-10.30 Coffee time

10.30-12.30 1st round of the Knowledge market: Ecological Engineering in an urban context

Presentations and discussions in 4 parallel groups (in each corner of the hall one group)

12.30-13.00 Lunch break

10.30-12.30 2nd round of the Knowledge market: Ecological Engineering in an urban context

Each working group is asked to formulate general conclusions about their field of interest as well as recommendations concerning policy implementation and research questions.

13.45-14.15 Nature driven design in China - Jasper Fiselier

14.15-14.30 Waste as a resource: from local towards international perspective - Johannes Heeb (Switzerland)

14.30-15.00 Conclusions: Integrated ecological design towards urban landscape ecosystems on the basis of the results of the working groups; including plenary discussions - Anja Brüll (Germany)/Hein van Bohemen

15.00-15.15 Tea break

15.15-16.30 General Assembly IEES - Johannes Heeb

16.30-17.00 Drinks in the Waternet building

20.30-22.00 Diner on own expenses downtown: to be organized for those interested



Knowledge market; posters, presentations and first round discussion about content of practical ecological engineering guide: Ecological Engineering in an urban context (groups 1 and 2)

Group 1

Waterharmonica in a wider perspective

Different contributions in relation to the Waterharmonica concept as well as examples from ecological engineering in wetland situations

Johan Blom (Tauw), Ton Schomaker (RoyalHaskoning), Rob van den Boomen (Witteveen en Bos), Jasper Fiselier (DHV), Ruud Kampf (Waternet), plus some other employees from Waternet

Anaerobic filter-stabilization pond system for domestic wastewater treatment

Ioannis Manariolis (Greece)

Natural systems for waste water treatment and DEWATS-type anaerobic digester

Dirk Esser (France)

Anaerobic Ammonium Oxidation in Soils and Constructed Wetlands – results of a literature research

Andreas Schoenborn (Switzerland)

Attended by Sandra Broerse, Andrew Dakers (NZ), Petter Jenssen (N)

Group 2

Public and private participation

Participatory planning approach; how to involve public and private actors to mobilise support for socio-ecosystem thinking in an urban context

Ellen van Bueren

Experiencing principles of ecological engineering. Living systems as educational objects

Paul de Graaf

Private participation in ecologically responsible transport planning issues

Harry Geerlings

Public participation and the LifeLine project; case study from Dublin

Kaethe Burt-O'Dea (Ireland)

Attended by Sarah Hunt (USA) and Thomas Leiblein



Knowledge market; posters, presentations and first round discussion about content of practical ecological engineering guide: Ecological Engineering in an urban context (groups 3 and 4)

Group 3

Building envelope

The urban waterproof landscape
Stef Janssen

Fassade und Pflanze; Potentiale einer neuen Fassadengestaltung
Nicole Pfoser (Germany)

The green envelope in urban environments
Marc Ottele

More ecological engineering and green design options in road constructions: The self cleaning road
Marcel Koeleman

An integrated eco initiative at household level at Mysore
V. Jagannatha (India)

Attended by Jeroen van Westen and Manoj Pandey

Group 4

The experience of urban ecology and building with nature

Building with nature
Barry de Vries

Building with nature
Theo Vulink

Urban ecology in Stadsdeel Oost (Amsterdam)
Els Corporaal

Urban ecology in The Hague
Johan van Zoest

Urban ecology in Utrecht
Gitty Korsuize

Ecologically sound urban roadsystems
Lisan Dolan (Ireland)

Attended by Martine Lodewijk

