

## Ecological Engineering and the Urban Landscape (2<sup>nd</sup> call)

**Date:** 2<sup>nd</sup> (afternoon), 3<sup>rd</sup> and 4<sup>th</sup> (optional: excursion) September 2010

**Location:** Amsterdam, the Netherlands. Details on the exact location will follow as soon as possible.

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### Concept-Agenda

Thursday 2<sup>nd</sup> September 2010: Learning about ecological engineering

Check in: between 12.00-13.15

Time	Subject	Speaker
13.15-13.30	Welcome	Representative of Waternet
13.30-14.00	Principles of ecological engineering and the metabolism of cities	William J. Mitsch (invited)
14.00-14.30	Ecosystem thinking; restoring ecological functioning; ecosystem goods and services	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 water cycle: from technical solutions, use of nature to even more nature	Ruud Kampf/Theo Claassen
16.00-16.30	Role of engineers in bridging ecology and civil engineering; case studies from the South Pacific	Andrew Dakers
16.30-17.00	The role of art to increase ecological awareness	Jeroen van Westen
17.00-20.00	Break	
20.00-21.30	<b>IEES General Assembly</b>	

**Friday 3rd September 2010 The ecological engineering knowledge market for contributing to a practical guide**

**Check in: between 08.00-09.00**

<b>Time</b>	<b>Subject</b>	<b>Speaker</b>
09.00-09.20	Wastewater as a resource, ecosan and small scale waste water treatment systems	Johannes Heeb
09.20-09.40	Waternet building concept	Representative of Waternet
09.40-10.15	Which knowledge is essential for ecological engineering to function sustainability (Think piece and blueprint of ecological engineering)	Ken Gnanakan
10.15-10.30	Coffee time	
10.30-12.30	1st Knowledge market; posters, presentations and first round discussion about content of practical ecological engineering guide: Ecological Engineering in an urban context	
	<b>Waterharmonica</b>	
	Contributions from (invited): Johan Blom (Tauw) Ton Schoonmaker (Haskoning) Rob van den Boomen (Witteveen en Bos) B. Swart (Grontmij) R. Kampf (Waternet) Jan Rijstenbil (AE3 Consultancy) Ionannis Manariolig (Greece)	
	<b>Public and private participation</b>	
	Participatory planning approach; how to involve public and private actors to mobilise support for socio-ecosystem thinking in an urban context	Ellen van Bueren
	How to design educational models to show and experience principles of ecological engineering. The living machine as an educational object	Paul de Graaf
	Private participation in transport planning issues	Harry Geerlings
	Public participation and the LifeLine project; case study from Dublin	Kaethe Burt-O'Dea

	<b>Building envelope</b>	
	The Biotope City Concept	Helga Fassbinder
	The living building concept and green infrastructure	Margaret McCauley
	Fassade und Pflanze; Potentiale einer neuen Fassadengestaltung	Nicole Pfoser
	More ecological engineering and green design options in road constructions: The self cleaning road	Marcel Koeleman
	How to upgrade our existing buildings	F.Spaen
	The urban waterproof streamer landscape	Steff Janssen
	An integrated eco initiative at household level at Mysore	J. Sahana and V. Jagannatha
	<b>The Amsterdam experience of urban ecology and building with nature</b>	
	Building with nature	Vincent Kuipers
	Urban ecology in Zeeburg	Els Corporaal
	+ RO Amsterdam participant	Johan van Zoest (invited)
12.30-13.00	Lunch break	
13.00-15.00	2 <sup>nd</sup> Knowledge market; posters, presentations and second round discussion about content of practical ecological engineering guide: Ecological Engineering in an urban context	
15.00-15.15	Tea break	
15.15-15.45	Nature driven design in China	Jasper Fiselier
15.45-16.30	Integrated ecological design towards urban landscape ecosystems; including planery discussions	Anja Brüll
16.30-17.00	Conclusions	

### **Saturday 4<sup>th</sup> September 2010 Excursion (optional) to Amstelveen**

(Amstelveen Waterplan. Analysis of the development of an innovative approach in urban water management issues: Urban waterharvest potential – multisourcing, cascading, quality upgrading and recycling and closing loops. Local visits to interesting points as well as visits to some innovative greening of the city approaches of Amstelveen).

**Starting place of the excursion: will be announced during the workshop**