

COOL TOWNS



Sign up!
It's free!

Wednesday
20 February 2019

Location: Waterboard
Scheldestromen,
Kanaalweg 1,
Middelburg (NL)

Programme

Chairman Tako Popma

Climate changes causes warmer summers with more frequent droughts and heatwaves.

In many cities these higher temperatures have a negative impact on public health, productivity, wellbeing, air and water quality and other urban systems. We call these impacts 'Heat Stress'. The need for spatial heat stress adaptation is clear. How do we make our cities heat resilient? What is the existing and desired heat situation and what are effective heat adaption measures with co-benefits for other urban needs (e.g. air quality, flood prevention, landscape design).

Heat stress solutions have a strong relationship with other climate effects. The midterm event of the SCAPE –project, Shaping Climate Change Adaptive Places, developing landscape led design solutions coincides with Cool Towns.

Cool Towns Project

kickoff - networking and midterm event SCAPE project

Spatial Adaptation for Heat Resilience in Small and Medium Sized Cities

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2 Seas Mers Zeeën
European Regional Development Fund

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SCAPE
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12.00 Registration and lunch or coffee/tea

12.45 **Welcome and introduction** by Mr. Dr. A.J.G. (Toine) Poppelaars, Director, Waterboard Scheldestromen.

Introduction to the Cool Towns project partnership by Tiny Maenhout, project manager, and Peter Jeucken, communication manager, Cool Towns project.

13.00 **Keynote speech** 'Urban heatstress, a hot topic, but how to decide what is sufficiently cool?', by Dr. Jeroen Kluck, Professor Urban Water Management, Amsterdam University of Applied Sciences.

13.30 **Keynote speech** 'Your designs create the urban climate' by Sanda Lenzholzer, Dr.Dipl. Ing. MA (AA), Associate Professor, Landscape Architecture and Spacial Planning Group, Wageningen University.

14.15 **Questions and reflections** by keynote speakers.

14.30 **Coffee break marketplace and exhibits** students from Avans University of Applied Science and Hogeschool Zeeland University of Applied Science introduce you to practical solutions by showing different cases and the Climate Game from Tygron.

15.00 Your choice of one of the three workshops:

1 **'I'll explain it to you one more time...'**, by Rob D'Hondt, RdH training. Most people express approval of sustainable behaviors but still behave in unsustainable ways! Psychologists argue that nature-friendly urban design is more likely to lead to environmentally sustainable behavior than attempting to change attitudes through campaigns appealing to guilt or fear. In this workshop we will focus on the ingredients that support individual behavior change.

2 'The importance of soil and subsoil for climate adaptation'

Cities have to adapt to climate change. Usually this is done by technical approaches. But what role can soil and subsoil play? So far the role of the natural system of cities, their so-called landscape base, has been underestimated. National Soil Covenant (storage of water and cooling) and heatstress', by Dr. Wim Timmermans, Wageningen UR, Alterra, Climate Adaptation Team.

3 **'Measures in the build environment'**, by Dr. Dirk Lauwaet, researcher in the Environmental Modelling Department of VITO with 10 years of experience in research on heat stress in cities (measurements, modelling, impacts, and adaptation options).

Wrap up of the three workshops by the presenters.

16.00 Heatstress in practice

Give the floor to the different Cool Towns partners: high quality case studies from different countries presented by:

- Benny Pycke; Sioen Industries NV; R&D Project Manager; Innovations in technical textiles for urban greening and cooling
- Dr. Debbie Bartlett and Dr. Sarah Milliken from Greenwich University; Urban green infrastructure
- Rainwater is a raw material, not a waste by Cees Anton van den Dool, Metropolder Company

16.45 Wrap up

17.00 Networking and informal drinks reception

17.45 Guided tour through the inner city of Middelburg