



VACCIA, Vulnerability assessment of ecosystem services for climate change impacts and adaptation, 2009-2011, <http://www.ymparisto.fi/default.asp?contentid=351926&lan=EN>

Action 6: *Assessment of Climate Change and Land Use Impacts in Urban Environments*
<http://www.ymparisto.fi/default.asp?node=24073&lan=en>

SECOND STAKEHOLDER MEETING
IN CONJUNCTION WITH
ARGUMENTA SYMPOSIUM "ECOLOGICAL CITY"
28. – 29.1. 2010, Lahti, Finland

The Second stakeholder meeting of the Action 6 was decided to be held as part of the Argumenta Symposium, funded by the Finnish Cultural Foundation. This was done in order to benefit from the wider publicity and partaking of the Argumenta symposium series and to prevent burdening the stakeholders with several separate seminars on similar themes.

As can be seen from the list of enrolments (section 3 below), the participants represented varying organizations from a wide geographical area. Especially well represented were the cities and research institutions of the Helsinki Metropolitan Area, which is the research area of Action 6. Keynote speakers from abroad also gave valuable insights for the research setting of Action 6.

As the symposium lasted for two days, containing also parallel and unofficial discussions, no comprehensive documentation of the symposium's input to the Action 6 can be given at this point. It will, however, be visible in the future working and deliverables of the Action. Below are presented

- 1) The full program of the symposium
- 2) Agenda and some notes from the working group dedicated to Vaccia Action 6
- 3) List of enrolments (no list of actual participants was collected).

1. Program of the Argumenta Symposium “Ecological City”, 28 – 29.1.2010, Lahti

Day 1.

- 10.00 Opening of the seminar: Jussi Kulonpalo and Prof. Heikki Setälä
- 10.15 Chair: Prof. Heikki Setälä
 “What is an ecological city?”
 Prof. **Philip James** (School of Environment & Life Sciences, University of Salford, UK)
- 11.00 “What is an ecological city from the city’s point of view” **Kaarina Heikkonen** (City of Helsinki), **Timo Permanto** (City of Lahti)
- 11.45 Discussion.
- 12.15 **Lunch**
- 13.15 “Ecosystem services in cities: what and why?” Prof. **Thomas Elmqvist** (Dept of Systems Ecology and Stockholm Resilience Center, Stockholm University)
- 14.00 “Ecosystem services in cities from the city’s point of view.” **Stefan Skog** (City of Vantaa), **Kari Porra** (City of Lahti)
- 14.30 **Coffee**
- 15.00 “Green space and human health”, Dr. **Kalevi Korpela** (environmental psychologist University of Tampere)
- 15.45 “Planning for an ecological city” **Stephan Pauleit** (Prof. in Strategic Landscape Planning and Management, Munich Technical University, Freising, Germany)
- 16.30- 17.00 General discussion

Day 2.

- 09.00 Chair: Prof. Jari Niemelä
 “Ecology, architecture and aesthetics in cities”
Santtu von Bruun (Lahti City, strategy planning)
- 09.45 “Planning for an aesthetic city”
 Prof. **Arto Haapala** (Dept. of applied esthetics, Univ. of Helsinki)
- 10.30 **Coffee**
 Group work on issues dealt with during day 1:
- Ecological city
 - Ecosystem services in cities
 - Ecology and human health
 - Planning for ecology in cities
- 12.00 **Lunch**
- 13.00 Presentation of the group work and discussion
- 14.30 **Coffee**
- 15.15 Asked commentaries
 End of the seminar

**Those to have registered:
 free lunch and coffee**

2. Agenda for the working group 2: Ecosystem services in cities

Chairs: Heikki Setälä & Jari Niemelä (in Finnish)

Question 1. What are ecosystem services?

- The benefits that nature provides to humans (such as food, building materials, recreation)
- Green spaces are 'ecosystem services oasis'

Question 2. Why (or why not) are they important in cities?

- Humans are dependent on ecosystem services, even in cities
- Pollination an important ecosystem service even in cities
- Storm water a challenging issue: research needed

Question 3. What kinds of ecosystems services exist in cities?

- The most important and marketable ecosystem services in cities:
 - health issues
 - flood prevention, storm water management
 - ecological networks providing recreation, peace, inspiration
- Aesthetic values: ecological solutions are not always aesthetically attractive
- Nitrogen and carbon sequestration in urban green spaces
- New innovations needed in e.g. storm water issue: green roofs

Question 4. Why is the concept useful (or is it)?

- It is often difficult to market the concept of ecosystem services to the city administration

Argument:

Ecosystem services are important in cities ↔ Ecosystem services may hinder the economic development of cities

- Monetary value for ecosystem services?
- Connection to the concept of ecological footprint: we need 'hectares' to obtain ecosystem services, the ecological footprint of cities larger than the area of the city, ecosystem services must be bought from elsewhere, some ecosystem services can be obtained from within cities (recreation)

3. List of enrolments

Enrolments	Organization
Alho Johanna	Aalto University
Jänis Reetta	Aalto University
Karevaara Samuli	Aalto University
Menard Päivi	Aalto University
Ojanen Tapio	Aalto University
Siikjärvi Eeva	Aalto University
Värttö Heidi	Aalto University
Kauppi Asko	BMDesign
Hämäläinen Tanja	City of Espoo
Niemi Mirkka	City of Espoo
Peippo Tiina	City of Espoo
Arrakoski-Mäkinen Katriina	City of Helsinki
Jaakkola Maria	City of Helsinki
Rantsi Jari	City of Helsinki
Vähä-Piikkiö Inkeri	City of Helsinki
Ylikotila Tuuli	City of Helsinki
Ahlfors Niina	City of Järvenpää
Immonen Kaisa-Mari	City of Kuopio
Airas Päivi	City of Lahti
Alm Sari	City of Lahti
Kananen Ulla	City of Lahti
Karu-Hanski Tiina	City of Lahti
Patrikainen Armi	City of Lahti
Rissanen Theodora	City of Lahti
Rope Anne-Maj	City of Lahti
Särkkä Anna-Maaria	City of Lahti
Tolonen Irma	City of Lahti
Virtanen Maarit	City of Lahti
Virtanen Mervi	City of Lahti
Anttonen Kaisu	City of Tampere
Kivimäki Kaarina	City of Tampere
Korte Kari	City of Tampere
Laihosalo Katri	City of Tampere
Leppänen Tiina	City of Tampere
Honkanen Jarmo	City of Vantaa
Pentimikko Anitta	City of Vantaa
Rantalainen Sinikka	City of Vantaa
Kopperoinen Leena	Finnish Environment Institute
Salmi Kari	Finnish Environment Institute
Söderman Tarja	Finnish Environment Institute
Sunikka Johanna	Helsinki Metropolitan Area Reuse Centre Ltd
Sariola Lasse	Helsinki School of Economics
Turkama Petra	Helsinki School of Economics
Ovaska Matti	HYRIA (Centre of vocational education in the cities of Hyvinkää and Riihimäki)
Venäläinen Maija	HYRIA (Centre of vocational education in the cities of Hyvinkää and Riihimäki)
Raikko Anne	Kouvola Innovation Oy (KINNO)
Antila Anne	Lahti University Consortium
Konsti-Laakso Suvi	Lappeenranta University of technology

Suikki Risto	Southeast Finland Centre for Economic Development, Transport and the Environ
Hagan Harri	Tampere University of Technology
Hynynen Ari	Tampere University of Technology
Lehtikangas Satu	The Council of Tampere Region
Soulanto Marjo	The Finnish Association for Environmental Education
Löfström Irja	The Finnish Forest Research Institute METLA
Mäntylä Aleksi	The Green Party, Lahti
Jaatinen Tiina	Turku School of Economics
Hauru Kaisa	University of Helsinki
Helsti Hilikka	University of Helsinki
Kotze Johan	University of Helsinki
Känkänen Riina	University of Helsinki
Lehvavirta Susanna	University of Helsinki
Naulapää Jari	University of Helsinki
Ojanen Sari	University of Helsinki
Vakkilainen Kirsi	University of Helsinki
Vauramo Saara	University of Helsinki
Yli-Pelkonen Vesa	University of Helsinki
Yläoutinen Jyrki	Workspace Oy
Horn Marketta	

Speakers & Organizers	
von Bruun Santtu	City of Lahti
Elmqvist Thomas	Stockholm University
Haapala Arto	University of Helsinki
Heikkonen Kaarina	City of Helsinki
James Philip	University of Salford, UK
Korpela Kalevi	University of Tampere
Krivy Maros	University of Helsinki
Kulonpalo Jussi	University of Helsinki
Niemelä Jari	University of Helsinki
Pauleit Stephan	Munich Technical University
Permanto Timo	City of Lahti
Porra Kari	City of Lahti
Setälä Heikki	University of Helsinki
Skog Stefan	City of Vantaa