

**Integrated assessment technologies to support the  
sustainable development of urban areas  
COST ACTION TU 0902**

**MC & WORKING GROUPS MEETING**

Helsinki 21<sup>st</sup>-24<sup>th</sup> October 2013

Finnish Environment Institute ( SYKE),  
Helsinki, Mechelininkatu 34 A, Finland

Host: Mika Ristimäki (mika.ristimaki@ymparisto.fi),  
Senior researcher, SYKE , Phone: + 358 (0)400 148842

Information also:  
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**The meeting will begin on Tuesday morning 22<sup>nd</sup> and end on 24<sup>th</sup> of October.** We hope that participants could arrive on Monday evening to Helsinki. We have room reservations at SYKE for work group meeting also on Monday afternoon ( optional) if work groups want to work before the meeting.

As a part of COST meeting **on Thursday**, we have a very interesting **international seminar “Urban Fabrics & Urban Zones”**. It contains a new theory about three urban systems. It helps us to develop integrated assessment technologies to support the sustainable development of urban areas. In the same time with our COST action, there is another COST Action (TU 1002 about accessibility instruments for planning practice) meeting Helsinki, at Aalto University. We have a joint workshop on Tuesday afternoon and hear a short portrait of the results from both actions at the seminar on Thursday. **UF & UZ seminar continues on Friday 25<sup>th</sup> as a national seminar** for Finnish planners, officers and researchers.

All activities locate at the SYKE building , Mechelininkatu 34 A ( marked on the map ), guidance at SYKE reception ( registration desk).

- Coffee at the entrance hall of the auditorium, 1<sup>st</sup> floor
- Lunches at Syke restaurant, 1<sup>st</sup> floor
- At the registration desk : Lunch tickets, dinner and cocktail reception information , information of the Thursday UF & UZ seminar, meeting rooms for extra meeting, maps, information of airport taxi, buses, trams

Please enjoy with our exhibition of urban form at the entrance hall of the auditorium

**SYKE information:**

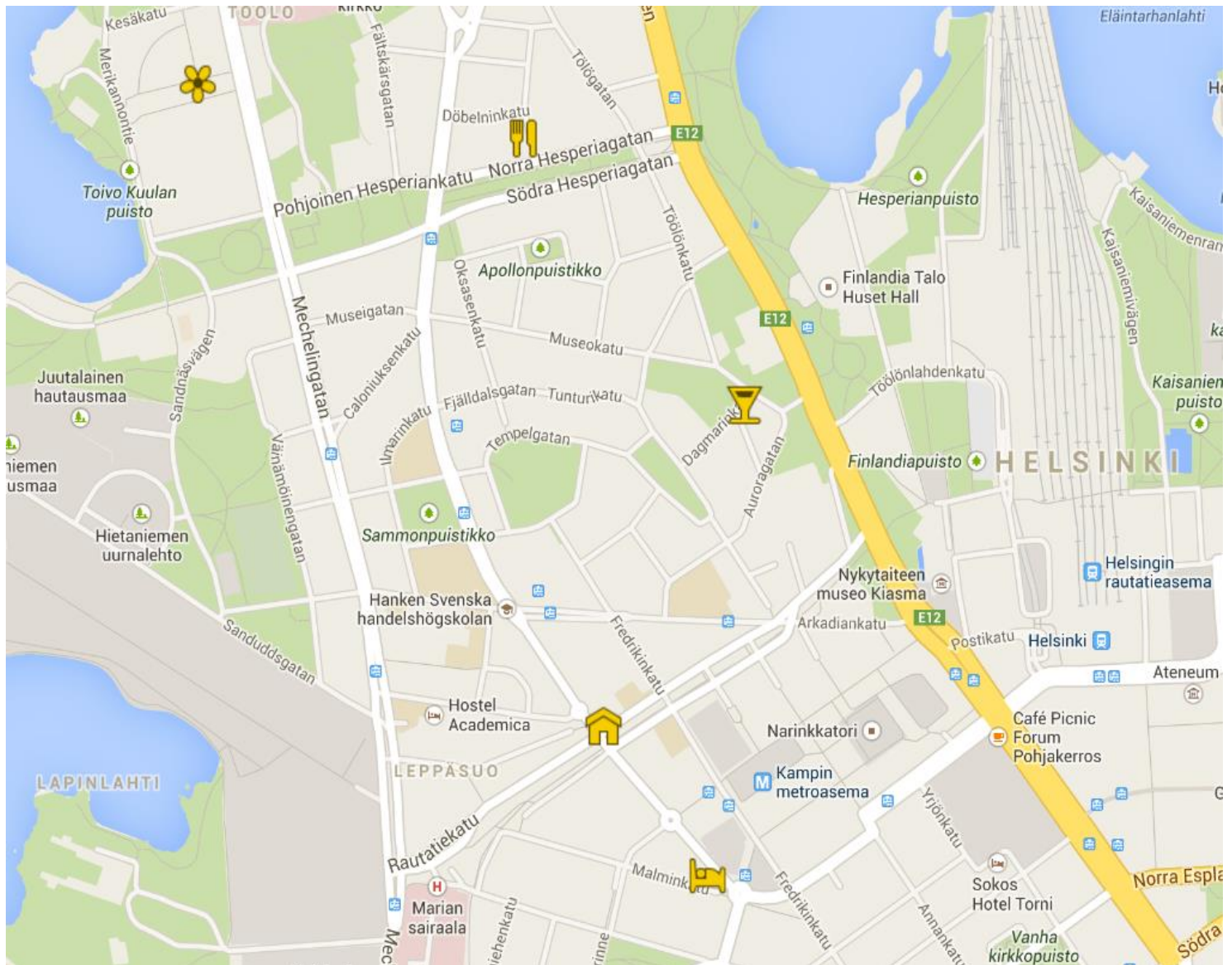
<http://www.syke.fi/en-US>






**Latest SYKE newsletter, Envelope:**

[http://mmm.multiedition.fi/syke/envelope/Envelope\\_2013\\_2/index.php? nlid=158147](http://mmm.multiedition.fi/syke/envelope/Envelope_2013_2/index.php? nlid=158147)

# COST ACTION TU 0902

## Helsinki 21<sup>th</sup> – 24<sup>th</sup> October 2013



- |  |                           |
|--|---------------------------|
|  Hotel Helka                        | Pohjoinen Rautatiekatu 23 |
|  Radisson Blu Royal Hotel Helsinki  | Runeberginkatu 2          |
|  Restaurant Trattoria Sogno         | Töölöntorinkatu 2         |
|  Finnish Environment Institute SYKE | Mechelininkatu 34 A       |
|  Manala                             | Museokatu 10              |

**PLEASE NOTE! From Finnish Environment Institute to Hotel Helka 0,8 km.**

## **COST ACTION TU 0902, Agenda**

### **DAY 1 Monday 21<sup>st</sup> Oct.: Arriving to Helsinki, Working group time for writing (Optional)**

Meeting rooms reservations for working groups in SYKE 12.00 - 18.00 ( guidance at SYKE reception).  
WG leaders will give more information.

- “Riihi”, number 593, 5<sup>th</sup> floor
- “Majakka” number 391, 3<sup>rd</sup> floor

**Lunch time in SYKE restaurant 12.00-13.30**

*20.00 Dinner (optional, self-financed ). At the restaurant “Sogno” Töölöntorinkatu 2, Helsinki, ( marked on the map )*

## **DAY 2 Tuesday 22<sup>nd</sup> Oct.:**

**9.00 - Registration** at SYKE reception ( lunch tickets etc.)

**9.30 -10.00 Welcome words**, Director General Lea Kauppi, Finnish Environment Institute

- Auditorium

**10.00 -10.30 Action review & meeting objectives**

**10.30 -10.45 Coffee**

**10.45 – 12.30 WG meetings:** Cookbook writing

- WG 1: “Majakka”, 3<sup>rd</sup> floor
- WG 2: “Tervapääsky ”, 8<sup>th</sup> floor
- WG3: “Auditorium ” , 1<sup>st</sup> floor
- WG 4: “Muuttohaukka”, 1<sup>st</sup> floor

**12.30-13.30 Lunch**

**13.30 -14.45 WG meetings**

- WG 1: “Majakka”, 3<sup>rd</sup> floor
- WG 2: “Tervapääsky ”, 8<sup>th</sup> floor
- WG3: “Riihi”, 5<sup>th</sup> floor
- WG 4: “Muuttohaukka”, 1<sup>st</sup> floor

**14.45 --15.15 Coffee**, *COST Actions TU0902 and TU1002*

**15.15 -17.00 Parallel sessions**

**Parallel session 1:** Joint workshop between COST Actions TU0902 and TU1002 , “Auditorium ” , 1<sup>st</sup> floor

**Parallel session 2:** Indicators of resilience for architecture and infrastructure (FP7 RAMSES)  
“Muuttohaukka ” , 1<sup>st</sup> floor

**Parallel session 3:** WG meetings if not attending the other sessions, “Riihi”, 5<sup>th</sup> floor

**20.00 Dinner** at *Restaurant Manala , Museokatu 10, Helsinki* ( marked on the map )

## **DAY 3 Wednesday 23rd:**

### **9.00 -9.30 Introducing the city plan vision 2050**

Rikhard Manninen, Director Strategic Urban Planning Division, City of Helsinki

- Auditorium

**9.30 – 10.45 Management Committee meeting**, including plenary review of WG progress and discussion on the future of the COST Action network and interactions

- Auditorium

### **10.45 – 11.00 Coffee**

### **11.00-13.00 WG meetings**

- WG 1: "Riihi", 5<sup>th</sup> floor
- WG 2: "Majakka", 3<sup>rd</sup> floor
- WG3: "Auditorium ", 1<sup>st</sup> floor
- WG 4: "Fosfori", 4<sup>th</sup> floor

### **13.00-14.00 Lunch**

### **14.00 -16.00 WG meetings**

- WG 1: "Riihi", 5<sup>th</sup> floor
- WG 2: "Majakka", 3<sup>rd</sup> floor
- WG3: "Auditorium ", 1<sup>st</sup> floor
- WG 4: "Fosfori", 4<sup>th</sup> floor

**16.00-20.00 Cocktail reception EU COST Actions and Helsinki planners, at SYKE "Tervapääsky 8th floor"**

**DAY 4 Thursday 24<sup>th</sup> October**

***Joint TU0902, TU1002 meeting on Urban Fabrics & Urban Zones***

**Chair**

**8.30 Coffee**

**9.00** Welcome words

Research Director Per Mickwitz, Finnish Environment Institute

**9.10** Keynote speech: Theory of urban fabrics - principles and practice

Professor Peter Newman, Curtin University, Perth, Australia

**10.00** Three Urban Fabrics – new way of thinking, new models and a new theory

Senior Researcher Leo Kosonen, Finnish Environment Institute

**10.45** Comments and discussion of the UF theory

Dr. Marco te Brömmelstroet, University of Amsterdam

**10.50 Discussion**

**11.05–11.20 Short break**

**11.20** Portrait of results from two EU COST Action Networks

‘Integrated assessment technologies to support the sustainable development of urban areas (TU0902)’

Professor Richard Dawson, Newcastle University

‘Accessibility instruments for planning practice in Europe (TU1002)’

Professor Luca Bertolini, University of Amsterdam

**12.00–13.15 Lunch**

**13.15** The development of urban form in metropolitan regions - examples from Helsinki and Stockholm

Professor Harry Schulman, University of Helsinki

**13.40** Urban Zones in Finland

Senior Researcher Mika Ristimäki, Finnish Environment Institute

**14.00 Coffee**

**14.30 -16.00** Panel: ‘How to apply Urban Fabrics in urban and transport planning?’

Professor Peter Newman, Curtin University, Perth Australia

Professor Luca Bertolini, Amsterdam University

Professor Raine Mäntysalo, Aalto University

Research Manager Hanna Kalenoja, Tampere University of Technology

Senior Researcher Leo Kosonen, Finnish Environment Institute

*Taxi to airport from SYKE about 15.30... 16.00 ( more information at the registration desk)*

## **Theory of urban fabrics - principles and practice**

*Peter Newman  
Professor of Sustainability  
Curtin University, Perth, Australia*

*“A history of urban development can show three key phases based around walking, transit and the automobile. Each city overlaps the fabric created around those modes, depending on the extent of their investments. The definition of these fabrics helps us to understand how cities can be managed in to the future. Some principles for understanding cities include the need to:*

- *recognize or identify the urban fabrics in each area of the city*
- *respect the urban fabrics as the basis of town planning and*
- *repair and regenerate the fabrics to enable more sustainable outcomes.*

*The question then becomes what fabrics are needed for the future, how should those be built and how can they be financed? An illustration of how urban rail can help create subcentres in periurban areas will be made.”*

### **SHORT CV PETER NEWMAN, 2013**

Peter Newman is the Professor of Sustainability at Curtin University in Fremantle. He is on the Board of Infrastructure Australia and is a Lead Author for Transport on the IPCC. His books include 'Green Urbanism in Asia' (2013), 'Resilient Cities: Responding to Peak Oil and Climate Change'(2009), 'Green Urbanism Down Under' (2009) and 'Sustainability and Cities: Overcoming Automobile Dependence' with Jeff Kenworthy which was launched in the White House in 1999. In 2001-3 Peter directed the production of Western Australia's Sustainability Strategy in the Department of the Premier and Cabinet. In 2004-5 he was a Sustainability Commissioner in Sydney advising the government on planning and transport issues. In 2006/7 he was a Fulbright Senior Scholar at the University of Virginia Charlottesville. In late 2011 Peter was awarded the Sidney Luker medal by the Planning Institute of Australia (NSW) for his contribution to the science and practice of town planning in Australia. He was a City Councillor in Fremantle from 1976 to 1980 and retains a strong interest in the redevelopment of Fremantle as a model sustainable city. He has been working with Leo Kosonen on a new Theory of Urban Fabrics to provide a foundation for 21<sup>st</sup> century town planning.

**Agenda for joint workshop between COST Actions TU0902 and TU1002 ,  
Tuesday 22<sup>nd</sup> at 15.15 -17.00 ( Parallel sessions 1)  
SYKE Auditorium , 1<sup>st</sup> floor, Mechelininkatu 34 A, Helsinki**

**Moderators:**

Senior Researcher Mika Ristimäki, Finnish Environment Institute  
Professor Raine Mäntysalo, Aalto University

**Agenda**

1. Short introduction of both COST Actions, their aims, activities and (preliminary) results
  - TU0902/Mika Ristimäki, Richard Dawson or Jonathan Köhler
  - TU1002/Luca Bertolini?
  
2. Integration in analysis, transcending disciplinary and sectoral boundaries
  - The challenge: why is integration necessary in developing assessment technologies for sustainable urban development and for addressing accessibility in planning?
  - What are the conceptual and theoretical tools utilized in integration?
  - What are the technological tools utilized in integration?
  
3. Building bridges between research and practice
  - How has the challenge of meeting the practical needs of planning and policy-making in methodological development been addressed?
  - Revelations and successful cases?
  - What characteristic qualities can be identified in integrative methodologies and indicators that have strong practical relevance?
  
4. Strategic support in planning and governance
  - How do the assessment and accessibility tools shape attention to strategic issues for planners and decision-makers?
  - How do the strategic issues in urban development become understood through them?
  
5. Future cooperation prospects
  - Ideas and needs for future research?
  - Research funding possibilities?