

Tampere
17-19 October



EUROCITIES Environment Forum meeting

‘Low emission cities: for cleaner air and climate mitigation’



#EEFcities

DRAFT AGENDA

Tuesday 16th October	Afternoon (Optional) 16:00	<i>Hiking trip to Kintulammi nature resort with sauna and dinner at Hangaslahti (please refer to practical guide for more information)</i>		
	all day	WG Water	WG GAB (green areas and biodiversity)	WG AQCCCEE (air quality, climate change, energy efficiency)
Wednesday 17th October	late afternoon	Steering committee		
	evening	<i>Reception and official dinner at Raatihuone (Old City Hall)</i>		
Thursday 18 October	morning	Session 1: The imperative of action Session 2: A Talanoa Dialogue		
	afternoon	Session 3: Measuring emissions and the need of evidence Session 4: Deep-dive session: Cutting emissions in the energy, transport, and building sectors Site visits		
	evening	<i>Informal dinner in Restaurant Dabbal (at own costs)</i>		
Friday 19th October	morning	Session 5: Impact of SDGs Session 6: I haven't failed. I've just found 10,000 ways that won't work Session 7: Network update / Forum election		
	Noon (Optional)	<i>Environmental perspective to Tampere Hall Visit to Moomin museum, which locates in Tampere Hall.</i>		

CONTACTS:

Chair
EUROCITIES
Tampere

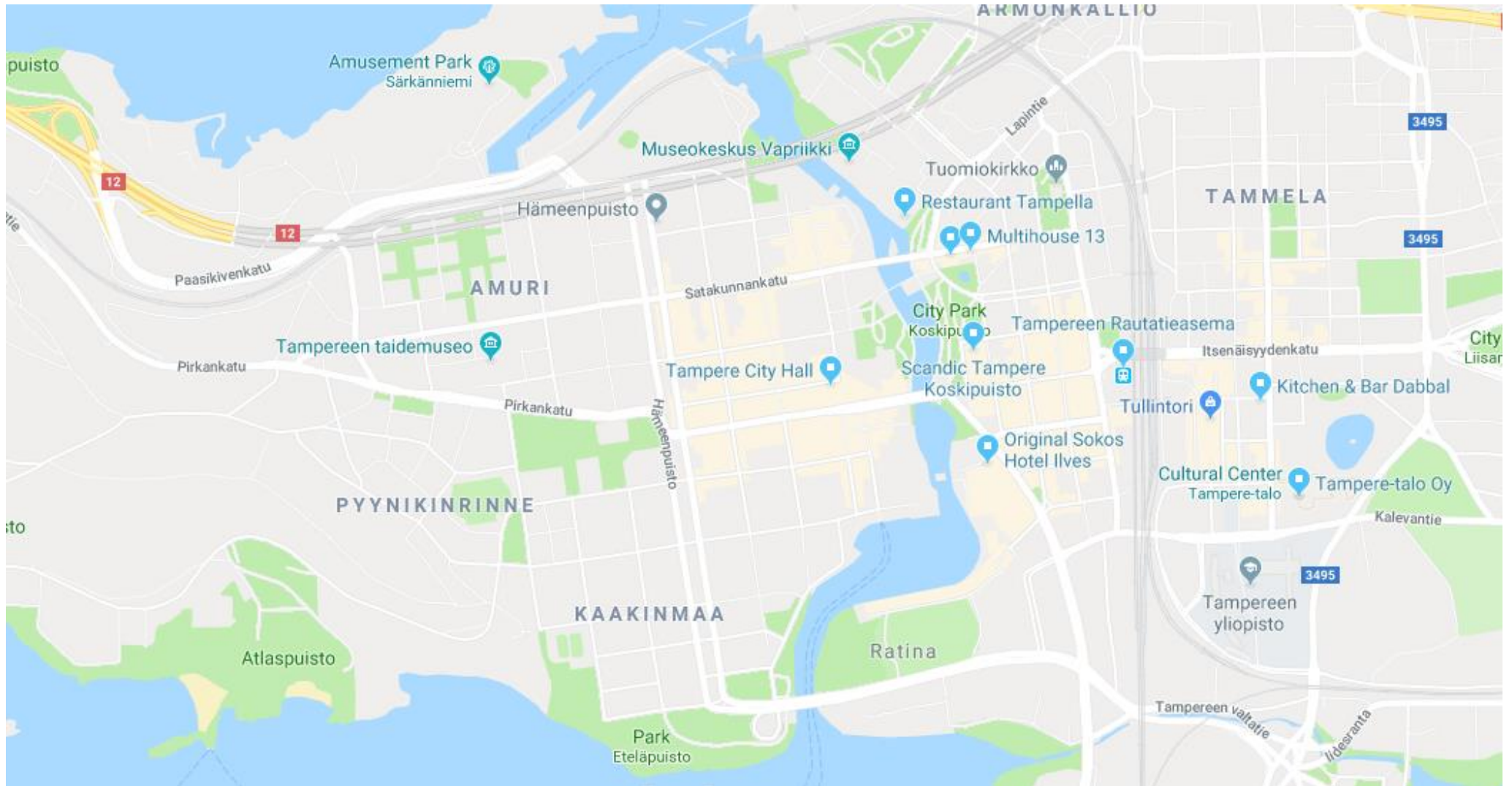
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THE CITY OF TAMPERE

Map, also available online: <https://goo.gl/maps/gvoYKwwXJ432>



Rationale:

At the 2015 U.N. climate summit in Paris, world leaders agreed to limit global warming below 2°C to avoid catastrophic impacts of human-caused climate change. At the same time, the Paris Agreement explicitly links the world's long-term climate and near-term sustainable development agendas (SDGs), such as improving air quality and well-being. With cities accounting for more than 70% of global fossil-fuel CO₂ emissions and with 9 out of 10 people living in urban areas breath polluted air, causing about 4.5 million premature deaths globally each year, it is clear the need of urgent actions at the local level aiming at reducing urban emissions.

The forum aims to improve understanding of the links between air pollution, climate change, and public health, exploring different scenarios for the designing of integrated policies delivering co-benefits. By focusing on examples from the energy, constructions and transport sectors, participants will discuss the opportunities to achieve the Paris Agreement while creating immediate local benefits for people and health.

Tuesday 16th October

16:00
(Optional) *Hiking trip to Kintulammi nature resort with sauna and dinner at Hangaslahti, (please refer to practical guide for more information)*

DAY 1: Wednesday 17th October

Venues: Monitoimitalo, (Multihouse 13), Satakunnankatu 13

08.30-09.00 **Welcome coffee and registrations, open all day**
Venue: Monitoimitalo, (Multihouse 13), Satakunnankatu 13

09:00 - 12:30	WG Air Quality, Climate Change and Energy Efficiency (AQCCEE)	WG Water	WG Green Areas and Biodiversity (GAB)
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12.30-13.30 *Lunch in Restaurant Tampella*

13.30-17.30 **WG meetings continue**
Venues: Monitoimitalo, (Multihouse 13), Satakunnankatu 13

17.30-18.30 **Steering committee**
Venue: Monitoimitalo, (Multihouse 13), Satakunnankatu 13

20.00 *Reception & Official Dinner*
Venue: Raatihuone (Old City Hall, Keskustori 10)

DAY 2: Thursday 18th October
Venue: Tampere Talo, Yliopistonkatu 55

8.30-9.00

Welcome coffee and registrations

Moderator: Oras Tynkkynen

9.00-09.30

Welcome by host, **Aleksi Jäntti**, Deputy Mayor for Urban Development - City of Tampere

09:30 - 10:45

Session 1: The imperative of action

The session aims to explore the interlinks between climate change, air pollution and public health and the co-benefits derived from integrated actions at the city level in reducing greenhouse gas (GHG) emissions and air pollutant emissions, taking into account the different pathways to achieve the Paris Agreement and the potential benefits of the Sustainable Development Goals (SDGs).

Keynote

Tadashi Matsumoto, Head urban green growth and climate change in cities, OECD

Panel discussion

- **Filipe Araujo**, Deputy Mayor of Environment and Innovation, city of Porto
- **Audrey Linkenheld**, Deputy Mayor for Social Innovation, City of Lille
- **Sheila Watson**, Deputy Director, FIA Foundation
- Q&A

10.45-11.15

Coffee break and family pictures

11:15 -12:45

Session 2: Talanoa Dialogue ahead of COP 24 <https://bit.ly/2nXPSdN>

Following the UNFCCC process, we will engage in a talanoa dialogue, where cities will reflect in multi-level governance exchange on the three questions, which will be the foundation to provide input ahead of COP24: Where we are? Where do we want to go? How we get there?

Introduction from **Inia Seruiratu**, Fiji high-level Climate Champion, COP23 Presidency

Audience will breakout in small roundtable discussions and provide inputs for the panel discussion

Panel discussion:

- **Outi Honkatukia**, Chief Negotiator for Climate Change, Ministry of Environment, Finland
- **Sarah Marchildon**, Associate Programme Officer, Sustainable Development Mechanisms programme, UNFCCC
- **Anna Richardson**, Councilor for Sustainability and Carbon Reduction, City of Glasgow
- **Hannu Penttilä**, Deputy Mayor, Land use, Building and Environmental Department, City of Vantaa

12.45-13.45

Lunch Break

13.45-14:20 **Session 3: Measuring emissions and the need of evidence**

Urban planners and decision-makers need evidence to help them manage risks and develop strategies for climate mitigation and air quality improvements. The session aims to stress the importance of a scientific basis for the policy making process, the existing knowledge gap and frontiers of the city emission inventories.

Keynote

- **Johannes Lounasheimo**, Senior Specialist - Climate and Air Pollution, Finnish Environment Institute
- Q&A

14:20 - 15:45 **Session 4 - Deep-dive session: Cutting emissions in the energy, transport, and building sectors**

Breakout parallel sessions

Energy

District Heating and Cooling

This session will explore innovative heating and cooling installations in Europe, with cutting edge trends highlighted. We will then explore city experiences in delivering those projects

Presentations

- **Paul Voss**, Managing Director, Euroheat and Power

City Examples

- **Mika Pekkinen**, Business Development Director, Tampere Power Utility
- **Juliane Kürschner**, Senior policy Adviser, City of Amsterdam
- **Antoine Hochar**, Chef de projects, Climespace

Discussion + Q&A

Transport

Sustainable Urban Mobility Plans

This session aims at introducing new initiatives to improve urban mobility plans and measure real car emissions. Cities will also share experiences and lessons learnt from their experiences into providing cleaner mobility in their city.

Presentations

- **Fabio Morea**, Project Manager, *SIMPLA project*
- **Sheila Watson**, Deputy Director, FIA Foundation - *TRUE: The real urban emissions initiative*

City Examples

- **Elitsa Panayotova** - Coordinator SOfia GREEN
- **Filip Lenders**, Air Quality Manager, City of Antwerp

Discussion + Q&A

Building

Zero emission construction sites and Near Zero Emissions Buildings

This session will explore the various roles, planning processes and business models that cities can endorse to speed up the transition to NZEBs and cleaner construction processes.

Presentations

- **Tero Hasu**, Kouvola Innovation Oy, NERO project (tbc)

City Example

- **Björn Sigurdson**, City of Uppsala
- **Örjan Lönngren**, City of Stockholm, NEZER project

Discussion + Q&A

15:45 - 16:15

Coffee break

16:15 - 18:00

Site Visits

- **Group 1: Pyynikki nature conservation area (biodiversity)**
Walking tour (2-3 km) to the ridge of Pyynikki, which is a forested nature conservation area at the distance of 2 km from the city center. Pyynikki is the highest gravel ridge in the world and it offers a splendid scenery between two lakes. It is also an important outdoor recreation area. Nature is versatile from dry forests at the top of the rock to thick deciduous woodland.
- **Group 2: Vuores nature-based storm water system (water)**
Walking tour (3 km) to Vuores, which is a construction phase green district in the middle of nature waterbodies. Vuores storm water management system is one of the largest in Nordic countries and the most North of the world. Heart of the decentralized nature-based storm water management system is network of multifunctional parks with biofilters, wetlands, retention ponds, swales and streams. Vuores is a case area of Horizon2020-project Urban Nature Labs, where nature-based water management system is further co-developed with citizens and other stakeholders.
- **Group 3 Hiedanranta (future sustainable city district, development platform for new innovation and experiment)**
Hiedanranta operates as a platform for new ideas. Emphasis on a smart, adaptable, resource-efficient district based on circular economy. Experiments and innovations for the future. Research and development efforts, experiments, demos and entrepreneurship in the field of sustainable city development. More information [here](#).
- **Group 4 Tramway site and promoting of cycling (sustainable mobility)**
Cycling tour in Tampere to explore city's sustainable mobility investments such as the tramway project (currently under construction) and sustainable mobility measures to support cycling and walking.
- **Group 5 Kampusareena building and mobile aerosol laboratory (air quality and energy efficiency)**
University Properties of Finland takes responsibility seriously. An example of this is Kampusareena building in the middle of university campus of Tampere University of Technology (TUT). The building takes care of ecological, economical and social points of sustainability. During the site visit we may see mobile aerosol laboratory, unless it is performing a task on the other location. The TUT Aerosol Physics laboratory can measure aerosols in varying environments and situations using its mobile aerosol laboratory. The mobile laboratory acts as a shelter for sensitive instruments and provides their electricity. It also has a variety of inbuilt and well-characterized sampling inlets for particle and gas measurements.

19:15-22:00

Informal dinner (at own cost, approximately 32 euros)

Venue: Restaurant Dabbal, Lapland Hotel, Yliopistonkatu 44

DAY 3: Friday 19th October

Venue: Tampere Talo, Yliopistonkatu 55

08:30 - 09:00

Welcome coffee and registrations

Moderator: Eveliina Asikainen

09:00 - 10:15

Session 5: Impact of SDGs

Participants will reflect on the role of SDGs in setting the agenda at the local level, with a particular attention to the SDGs that address environmental topics.

Keynote

- **Nora Sánchez Gassen**, Senior Research Fellow, Nordregio - [the Agenda 2030 report](#)

Panellists discussion

- **Yves Zimmermann**, Project director, City of Strasbourg
- **Inge Van de Klundert**, Policy advisor sustainability, City of Utrecht
- **Jorn Verbeeck**, Director Climate and Environment, City of Ghent (tbc)
- Q&A

10:15 - 11:00

Session 6: I haven't failed. I've just found 10,000 ways that won't work

Our popular city networking session would like to encourage cities to share their activities focusing on their obstacles in projects and measures, making the most out of their struggles.

Table 1: *From problem to solution: Amsterdam's demand-driven EV charging infrastructure*

Table 2: *A positive healthy neighbourhood in Lille: what makes the project innovative makes it complicated to implement*

Table 3: *Win-win solutions for air pollution exposure management in cities*

More info about the roundtables can be found in the Annex

11:00 - 11:30

Coffee break

11:30 - 12:30

Session 7: Network update & Forum chair election

Session designed to update members on the latest network and policy developments, ending with the election of the new Forum chairmanship

EUROCITIES Brussels office

1. WD1_Porto's_application_for_EEF_Chair
2. WD2_Porto's_Environment_Quick_Guide
3. WD3_Ghent_s_application_for_EEF_Vice_Chair
4. WD4_Briefing_note_Plastics
5. WD5_Statement_on_plastics_strategy_and_single_use_plastics_proposal
6. WD6_Statement_on_fitness_of_ambient_air_quality_Fina
7. WD7_Draft_EEF_Strategy_Overview_EEF_2019-2020
8. WD8_Policy_Overview_October_2018

12.30-13:15

Light Lunch

Optional:

- *Environmental perspective of Tampere Talo Hall (45 minute tour).*
- *Visit to Moomin museum, which locates in Tampere Hall.*

ANNEX

Roundtable 1:

From problem to solution: Amsterdam's demand-driven EV charging infrastructure - Jillian van der Gaag, Policy Advisor Air Quality, City of Amsterdam

In preparation for the future, Amsterdam is getting ready to accommodate a large increase of electric vehicles in the city and their link-up with locally generated sustainable energy. The development of new types of electric vehicles and the number of charging points will determine charging behaviour. On the supply side, the availability of sustainable forms of energy and the capacity of the power grid will be key. The solutions for future problems such as peak loads in the electricity network is developing smart charging systems in combination with sustainable energy.

Roundtable 2:

A positive healthy neighbourhood in Lille: what makes the project innovative makes it complicated to implement - Nina Colombo, Urban project leader, City of Lille

Lille is renovating a social housing district with high vulnerability (poverty, pollution, insalubrity, safety) and wishes to transform the Concorde district into a "Positive health neighbourhood", with:

- User-friendly urban and architectural measures with environmental health objectives and low management costs;
- A multi-functional pilot infrastructure: a noise-abating wall protecting the district from the nearby highway, serving at the same time as a greenhouse and as a local energy plant.

The obstacles: every authority has a role to play for environmental health, but finding one with the relevant power willing to take the lead is difficult on transversal issues; building an innovative economic model coupling public services (noise protection, education, job creation) and economic activities (farming, selling); integrating this new urban project into a long-term vision, taking into account possible environmental and social evolutions (less car use, local production networks, etc.)

Roundtable 3:

Win-win solutions for air pollution exposure management in cities - Alberto Gotti, ICARUS Project Co-Coordinator

The roundtable will present the H2020 ICARUS project focusing on urban impact assessment in support of air quality and climate change governance in the EU. Some results obtained on the co-benefits to urban air quality and public health from the introduction of greenhouse gas (GHG) emission reduction policies in the city of Thessaloniki, will then be presented, together with a number of traffic related policies analysed, including the introduction of underground rail in the city centre and changes in transportation modes. Traffic pollution has been assessed for the baseline scenario in year 2010 and two future scenarios in year 2020, a business-as-usual (BAU) and a GHG emission reduction scenario (CO2 scenario). Concentrations of PM10, PM2.5, NO2, CO and benzene were used as input to advanced population exposure models from which we estimated impacts on human health using well-established exposure-response functions.