Draft* conference program as of 19 May 2016

*Thematic conference structure is fixed - all details, times and speakers are subject to further change. Contact us for more information, suggestions or requests at smart.cities@iclei.org

Wednesday, 1 June 2016

Smart Cities in Practice

09:15 – 11:00

While the term Smart Cities is still widely debated and lacks a universal definition, cities around the world have been using the term in their own ways when implementing projects with the Smart Cities label on them. Putting cities at the center of the conference, the opening session will provide them with a platform to demonstrate their interpretations of a Smart City. Different visions and Smart City projects will be presented, showcasing the diversity of 'smartness' and highlighting the aspects that really matter from a city perspective.

09:15 – 09:30	**Welcome**
	Gino van Begin, Secretary General, ICLEI – Local Governments for Sustainability
09:30 – 10:45	**Kaleidoscope of Smart City Projects**
	Cities will present their vision of a Smart City. Each presentation will be followed by a short Q&A.
	Moderator: Ric Stephens, President, International Society of City and Regional Planners, Portland, United States
	Speakers: • **Smart City Berlin**

	Thorsten Tonndorf, Head of Urban Development Planning Unit, Senate Department for Urban Development and the Environment, Berlin, Germany
	• **The Smart City Vienna Framework Strategy**
	Pamela Mühlmann, Programme Coordinator, Smart City Vienna Agency, TINA Vienna, Austria
	• **Jongno`s Smartness – Leaving a Space for the Quality of Life**
	Young-sub Park, Deputy Mayor of Jongno District, Seoul, Republic of Korea
	• **Smart Cities Working Together: A Multi-City Effort to Produce "Just In Time" Mobility**
	Jerome Tinianow, Chief Sustainability Officer, City and County of Denver, USA
	• **Smart Cities - A Siemens Perspective**
	Mark Jenkinson, City Director London, Urban Development, Global Center of Competence for Cities, Siemens
10:45 – 11:00	**Audience Roundtable Chats: A Smart City is…**
	Facilitator: Ric Stephens, President, International Society of City and Regional Planners, Portland, United States

Smart Low-Carbon Cities

11:00 – 12:30

Cities account for two-thirds of the world's overall energy consumption and are responsible for about 70 percent of the world's greenhouse gas emissions. To tackle this issue and turn their communities into low-carbon cities, local governments have adopted a variety of 'smart' concepts, frameworks and tools to achieve their emission reduction goals. This session will explore the different 'smart' approaches cities are using to scale up their efforts towards achieving carbon neutrality.

11:00 – 11:45	**Smart Low-Carbon City Projects (Part I)**
	Moderator: Khalid Z. EL Adli, Vice President, Centre of Urban Excellence, International Society of City and Regional Planners; and Professor of Urban Design, Cairo University
	Speakers:
	• **Hannover's Climate Plan**
	Astrid Hoffmann-Kallen, Head of Climate Protection Unit, City of Hannover, Germany
	• **Turning the Municipality of Sonderborg to a ZEROcarbon Community by 2029**
	Nicolas Bernhardi, Project Manager, ProjectZero, Sonderborg, Denmark
	• **Riga Smart City Sustainable Energy Action Plan for 2014 – 2020**
	Timurs Safiulins, Director, Riga Energy Agency, City of Riga, Latvia

11:45 – 12:00	**Inspiring Keynote**
	Beyond Paris: The Road Ahead for Low Carbon Cities
	Jeffrey Sachs, Director, Sustainable Development Solutions Network; and Director, Earth Institute, Columbia University, New York City, USA
12:00 – 12:30	**Smart Low-Carbon City Projects (Part II)**
	Speakers:
	• **Consumption-based GHG Targets - Promoting a Holistic View and an Equitable Level of Emissions**
	Svante Sjöstedt, Environmental Analyst, City of Gothenburg, Sweden
	• **Carbon Track and Trace in Vejle**
	Jette Vindum, Development Consultant, Technology and Environment Department, Municipality of Vejle, Denmark
	Patrick Driscoll, Project Manager, Department of Architectural Design, History and Technology, Norwegian University of Science and Technology, Trondheim, Norway
	• **CarboCount City Pilot in Recife**
	Simone Souza, President & Director, State Agency for Environment - CPRH, Recife, Brazil

Smart Productive Cities

14:00 – 16:00

Cities need to look beyond conventional sectorial procedures and governance structures to address the complex urban sustainability challenges they are facing. Water, energy, food and other vital city systems are interlinked and therefore require integrated approaches to ensure their effective and productive management. 'Smart' city projects and frameworks that use a systems perspective to achieve a net positive gain in their resource use will be presented at this session. Examples include vertical farming, circular economy and industrial symbiosis.

14:00 – 14:10	**Introduction**
	Roman Serdar Mendle, Smart Cities Program Manager, ICLEI World Secretariat, Bonn, Germany
14:10 – 15:10	**Smart Productive City Projects (Part I)**
	Moderator: Per Boesgaard, Coordinator Partnerships & Innovation, City of Copenhagen, Denmark
	Speakers:
	• **Industrial Symbiosis in the Port of Malmö**
	Ellen Corke, Project Manager & Climate Strategist, City of Malmö, Sweden
	Jonas Kamleh, Deputy Head of Urban Development and Climate, Environment Department, City of Malmö, Sweden
	• **City as a Catalyst for Innovation and Economic Growth**
	Filipe Araujo, City Councillor for Innovation and Environment, Porto

	Municipality, Portugal
	• **Integrated Power Management in the Context of a Multimodal Energy Concept** Christoph Conrad, Head of Marketing Solutions & Service Portfolio, Siemens Building Technologies • **Linköping – Organic Waste as Part of the Solution to Sustainable Public Transportation** Paul Lindvall, Deputy Mayor, City of Linköping, Sweden • **Managing Urban infrastructure Assets from the Desktop** Axel Borchert, Director Sales Government EMEA, HERE
15:10 – 15:30	**Roundtables Discussion** Interactive roundtable talks *Facilitator:* Per Boesgaard, Coordinator Partnerships & Innovation, City of Copenhagen, Denmark
15:30 – 16:00	**Smart Productive City Projects (Part II)** *Moderator:* Per Boesgaard, Coordinator Partnerships & Innovation, City of Copenhagen, Denmark Speakers: • **How Do You Feed 9 Billion People by 2050?** Martin Weber, CFO/COO, Infarm • **Almada's Vegetable Gardens Network** Catarina Freitas, Head of Department for Environment, Climate, Energy and Mobility, City of Almada, Portugal • **From Waste to High Value Feedstock - Waste Water Management 2.0** Istvan Pocs, Portfolio Manager, Sustainable Production Systems, Climate-KIC

Smart Livable Cities

16:00 – 18:00

While the role of digital technologies in the Smart Cities concept continues to be debated, there is unanimous agreement that citizens need to be at the centre. This session will look at how cities are using 'smartness' to ensure they serve the needs of their residents and provide opportunities for interaction, participatory decision making and a future development for young people and/or an aging society. Next to the focus on citizen inclusion the session will explore cities' visions for livable places.

16:00 – 16:30	**Roundtable Discussion: What is a livable city and how do you engage citizens in governance** Interactive roundtable talks *Facilitator:* Orli Ronen, Head of the Innovation and Sustainability Lab, Tel Aviv University
16:30 – 18:00	**Presentations & panel discussion:**

Smart Citizen Engagement and Governance Projects

Moderator: Orli Ronen, Head of the Innovation and Sustainability Lab, Tel Aviv University

Speakers:
- **Seoul's Open Data Environment for Citizen Engagement in Municipal Governance**

  Young Hoon Choi, Chief Information Officer, Seoul Metropolitan Government, Republic of Korea

- **Smart Wroclaw - Building a Connection between the Local Government and the People**

  Szymon Sikorski, New Media Director, Wrocław Agglomeration Development Agency, Wroclaw, Poland

- **smarticipate - Opening up the Smart City – Hamburg's Approach for Participation**

  Nicole Schubbe, Project Manager, State Agency for Geoinformation and Surveying, City of Hamburg, Germany

  Joachim Rix, Deputy Head of Department, Spatial Information Management, Fraunhofer IGD

- **Citizen Communication and Citizen Engagement in the European Green Capital – Essen 2017: The Use of the Sustainability Social Network „greenApes"**

  Michael Mühlenkamp, Project Manager & EU-Coordinator, City of Essen, Germany

- **Citizen Engagement into the City Administration: Moscow's Experience**

  Natalia Kataeva, Deputy Head of the Office of the Mayor and the Moscow Government, City of Moscow, Russia

- **Collaborative Cities – Enabling Citizen Engagement through the Cloud**

  Hugo Lerias, Head of Public Sector, Amazon Web Services, Munich Germany

Thursday, 2 June 2016

Smart Cities in Practice

09:30 – 11:15

As a continuation of the first day, different visions and Smart City projects will be presented to demonstrate how cities define and apply 'smartness' in ways that really matter to them.

09:15 – 09:30	**Welcome** Gino van Begin, Secretary General, ICLEI – Local Governments for Sustainability

09:30 – 10:45	**Kaleidoscope of Smart City Projects**
	Moderator: Ksenia Mokrushina, Head of the SKOLKOVO Center for Urban Studies, Moscow School of Management SKOLKOVO
	
	Speakers:
	• **Ghent – (Smart) City of People**
	  Karl-Filip Coenegrachts, Chief Strategy Officer, City of Ghent, Belgium
	
	• **Moabit West – Smart Sustainable District**
	  Nadine Kuhla von Bergmann, Technical University Berlin, ~~Berlin, Germany~~
	
	• **Bonn – A Climate-friendly, Resilient and Smart City**
	  Ashok Sridharan, Lord Mayor, City of Bonn, Germany
	
	• **Smart City Projects in Mauritius**
	  Navin Ramsoondur, Mayor, Municipality of Vacoas/Phoenix, Mauritius
	
	• **Smart City Miskolc**
	  István Nagy, Project Manager, Directorate for Economic Development and Project Management, Miskolc Holding, City of Miskolc, Hungary

10:45 – 11:15	**Audience Roundtable Discussions: A Smart City is…** Interactive roundtable talks *Facilitator:* Brian Kilkelly, Development Lead, Climate-KIC

Smart Resilient Cities

11:15 – 12:30

Being resilient is a key objective for cities around the world. 'Smart' approaches are needed to enable cities to absorb and recover from any shock or stress while maintaining their essential functions, structures and identity as well as adapting and thriving in the face of continual change. The session will zoom in on some of these and discuss the use of 'smart' tools such as GIS applications to build a more resilient future.

11:15 – 11:25	**Introduction** Brian Kilkelly, Development Lead, Climate-KIC
11:25 – 12:30	**Presentations & panel discussion**

	Smart Resilient City projects
	Moderator: Brian Kilkelly, Development Lead, Climate-KIC
	Speakers:
	• **Resilient Smart Vejle: Why and What?**
	Johannes Engers Gregersen, Head of Section, Economics and Labour Market, Municipality of Vejle, Denmark
	• **Dresden's Integrated Climate Adaptation Program**
	Christian Korndörfer, Head of Environmental Department, City of Dresden, Germany
	• **Urban Adaptation to Rising Temperatures in Germany**
	Andreas Vetter, Scientific Officer, German Federal Environment Agency
	• **Oasis+: Enabling Urban Catastrophe and Climate Risk Assessment**
	Tracy Irvine, Oasis+ Programme Manager, Imperial College London
	• **Smart Network for Improving the Resilience of Water Supply**
	Fereshte Sedehizade, Expert, Berlin Water Works, Berlin, Germany

Smart CITY 2.0: Standards, Indicators, Definitions

14:00 – 17:00

After having explored the various notions of smartness and how they are used to transform cities into low-carbon, productive, livable and resilient places, the conference will close in on the question of standardization. Which indicators are reflective of a Smart City? Who should be involved in the process? What are the advantages of standardized indicators and how can cities use them?

14:00 – 14:15	**Introduction**
	Holger Robrecht, Deputy Regional Director, ICLEI Europe, Freiburg, Germany
14:15 – 15:00	**Panel discussion**
	Definitions: What is a Smart City?
	Moderator: Holger Robrecht, Deputy Regional Director, ICLEI Europe, Freiburg, Germany
	Speakers:
	• Johannes Engers Gregersen, Head of Section, Economics and Labour Market, Municipality of Vejle, Denmark
	• Karl-Filip Coenegrachts, Chief Strategy Officer, City of Ghent, Belgium
	• Roland Hunziker, Director, Sustainable Buildings and Cities, World Business Council for Sustainable Development
15:00 – 15:30	**Roundtable Discussions: Standards and Indicators for Practicioners**
	Interactive roundtable talks
	Facilitator: Holger Robrecht, Deputy Regional Director, ICLEI Europe, Freiburg,

	Germany
15:30 – 16:30	**Presentations & panel discussion**
	Smart City Standards & Indicators: What we need in practice
	Moderator: Holger Robrecht, Deputy Regional Director, ICLEI Europe, Freiburg, Germany
	Speakers: • Jadranka Veselić Bruvo, Head of City Office of Strategic Planning and Development, Zagreb, Croatia • Nico Tillie, Director, European Office, World Council on City Data • Pietro Elisei, Vice President, International Society of City and Regional Planners
16:30 – 17:00	**Event Summary**
	• Holger Robrecht, Deputy Regional Director, ICLEI Europe, Freiburg, Germany • Per Boesgaard, Coordinator Partnerships & Innovation, City of Copenhagen, Denmark • Roman Serdar Mendle, Smart Cities Program Manager, ICLEI World Secretariat, Bonn, Germany