



Agenda Connective Cities Dialogue Event

Municipal sustainable energy production and efficiency: planning and implementing innovative solutions

Würzburg, 9 – 11 May 2016

Background

Sustainable energy production and its planning at the municipal level represent significant challenges, but also opportunities to face climate change. Particularly in municipalities, characterised by significant energy use in buildings, transport, industry and households, there is considerable potential to plan for and produce energy sustainably and strengthen energy efficiency. Photovoltaics, wind power, biogas and combined heat and power production are just some of the examples that cities around the world have already experimented as reliable ways to achieve a more sustainable energy supply mix towards a greener urban economy.

Along with the creation of new jobs, the transition to more sustainable energy supply (in Germany *Energiewende*) promotes new technology and innovation, in particular in terms of renewable energies, energy efficiency, grid technology, and product innovation.

Practical planning solutions and innovative approaches in urban projects in this area can achieve widespread local impacts and significantly contribute to global sustainability goals.

Objectives

- Foster learning among participants through the presentation of international energy good practices;
- Show the possibilities of planning for and implementing sustainable energy production and energy efficiency, check the regional applicability of the presented solutions and discuss the respective challenges with the support of the community of practice attending the workshop;
- Strengthen municipalities as central actors in the development of local solutions in sustainable energy production and in promoting energy efficiency;
- Formulate innovative project ideas linking municipal expertise across two or more municipalities that can be further communicated and implemented in the respective home communities;

Target groups

An involvement of experts from municipalities, civil society and their organisations, as well as research and academia provides the right platform to pool experiences to generate ideas enabling a future-oriented urban development in which energy is sustainably produced.

Municipalities of industrialized countries have a strong interest in cost and CO₂ savings as well as in innovative technologies for energy production and energy efficiency. In emerging and developing countries, basic energy services are often made possible and ensured through sustainable energy production but more can be done to support a wider transition to sustainable energy supply.

Venues

Hotel: Amberger Hotel,
Ludwigstr. 17-19, 97070 Würzburg, Germany
Tel: +49 (0)931 35100

Venue of the Dialogue Event: Fraunhofer ISC,
Neunerplatz 2, 97082 Würzburg, Germany
www.isc.fraunhofer.de
Tel: +49 (0)931 4100-0
S-Bahn (urban railway): Line 2, Stop “Talavera”

Participating Institutions

Buffalo City Metropolitan Municipality, South Africa

Belectric Trading GmbH, Germany

City of Mwanza, Tanzania

City of Kragujevac, Serbia

City of Skopje, Macedonia

City of Würzburg, Germany

City of Oldenburg, Germany

City of Hagen, Germany

Fraunhofer ISC, Germany

Lorette Intelligence GmbH, Germany

Mwanza e.V., Germany

Nablus Municipality, Palestinian Territories

Next Energy srl., Italy

Portmore Municipal Council, Jamaica

South African Local Government Association – SALGA, South Africa

Technical University of Munich, Germany

University of applied sciences Würzburg-Schweinfurt, Germany

University of Würzburg, Germany

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Day 1: Monday, 9 May 2016

Time	Agenda	Contents
12:00	Registration of participants	
12:30	Welcome lunch	
13:30	Welcome & introduction	<ul style="list-style-type: none"> • Welcome speeches by the host city <i>Dr. Jakob Frommer, City of Würzburg</i> • Presentation of Connective Cities <i>Alice Balbo & Alexander Wagner, Connective Cities</i> • Introduction of participants and programme overview <i>Susanne Luithlen, Moderator</i>
14:20	Technical Keynote Municipal Perspective	<ul style="list-style-type: none"> • Innovative solutions for the energy transition <i>Marie-Luise Righi, Fraunhofer ISC</i> • Municipal challenges and opportunities from the perspective of a Global South city <i>Amin Abdallah, City of Mwanza</i>
15:00	Gallery Walk and setting up of working groups	
15:30	Coffee break	
16:00	Practitioners' exchange in working groups	<ol style="list-style-type: none"> 1. Introduction 2. In-depth presentations of good practices according to main topics 3. Work in small groups with poster presentations

	Sub-topic I <i>Sustainable energy supply approaches and solutions</i>	Sub-topic II <i>Know-how transfer & innovation to achieve sustainable energy goals</i>	Sub-topic III <i>Improving energy efficiency by changing behaviours</i>
Working group	<i>Renewable and Fossile Energies - Global Visions and Local Findings</i> <i>Portmore-Hagen Climate Change Park</i> <i>Wastewater Treatment Nablus- West Energy Supply</i> <i>Night fishing project in Lake Victoria, Tanzania</i>	<i>Network of Energy Efficient Capital Cities in South East Europe</i> <i>Portmore/Jamaica – Climate Partnership – Hagen/Germany</i> <i>Innovatively-funded energy savings contracting – Lorette</i> <i>Würzburg-Mwanza Cooperation “Power-Mwanza Project” 2016-17</i>	<i>Heating energy consumption optimization in Kragujevac, Serbia</i> <i>Buffalo City Metropolitan Municipality: planning for a sustainable energy future</i> <i>Würzburg: sustainable energy and climate friendly plans & actions for the city</i> <i>Innovative energy production system – Next Energy</i>

17:50	Closing of the first day and mini-wrap-up
19:00	Reception at the Würzburg City Hall with welcome speech by Marion Schäfer-Blake, Deputy Mayor, City of Würzburg (Rückermainstraße 2, 97070 Würzburg) followed by dinner at the restaurant Ratskeller (Langgasse 1, 97070 Würzburg)

Day 2: Tuesday, 10 May 2016

Time	Agenda	Contents
08:30	Meeting at the hotel and transfer to the workshop venue	
09:00	Introduction to the day	<ul style="list-style-type: none"> • Discussing open questions
09:30	Presentation of the results of the working groups	<ul style="list-style-type: none"> • One representative per working group reports back the key points presented to the plenary
10:00	Introduction to the peer-to-peer session and set up of the working groups	
10:30	Peer-to-peer session (about four groups) During the next session practitioners identify individual issues from their practical work, e.g. challenges they are facing, projects they are planning, success factors or constraints they have encountered. In a peer-to-peer advisory session in small focus groups, participants will give their feedback, ideas and remarks on the presented issues. In this part, participants receive inputs to their practical challenges, formulate recommendations for further action and thus achieve a direct benefit for their daily work.	
	Flexible Coffee break	
11:00	Peer-to-peer consultation	<ul style="list-style-type: none"> • Discussion and consultation in small groups: How to cope with individual challenges
12:30	Lunch break	
13:30	"Map of challenges"	<ul style="list-style-type: none"> • Key issues introduced by participants • Inventory of practical challenges • Exchange of proposed solutions • Formulate questions for further exchange: For which critical issues are we seeking a solution?
15:00	Coffee break	
15:30	Walk and Talk: Site visit of the Fraunhofer ISC	
16:30	Identifying possible action steps	<ul style="list-style-type: none"> • Connective Cities: next steps and preparation for the action planning session <i>Dr. Manfred Poppe, Connective Cities</i> • Collecting ideas for joint learning processes • Brainstorming action steps for cooperation within Connective Cities, e.g. <ul style="list-style-type: none"> ○ Implementing joint projects ○ Networking (events and via online platform) ○ Working out workshop concepts and/or curricula • Planning next steps

17:30	Wrap up
18:00	Sightseeing and dinner on the SCHOPPENEXPRESS, special tram line offering a tour of the City of Würzburg

Day 3: Wednesday, 11 May 2016

Time	Agenda	Contents
08:30	Meeting at the hotel and transfer to the workshop venue	
09:00	Introduction to action planning session	Introduction of action planning tools (problem-tree analysis, stakeholders mapping and strategy planning) and how to apply them in the working group discussions
09:30	Action planning working groups	
Ca. 10:45	Flexible coffee break	
Ca. 11:15	Continuation of action planning working groups	
12:15	Report back to the plenary	
13:00	Feedback and evaluation of the workshop	
13:30	Lunch	
	Field visit	Guided tour: - Bavarian Center for Applied Energy Research (ZAE Bayern)
Ca. 15:30	Field visit	Guided tour: - Solar panel energy production site - Würzburg waste-to-energy plant

On behalf of:



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