ENERGIZING CITIES TOWARDS A SHARED AND JUST TRANSITION

STORIES OF ACTION

WEDNESDAY 22ND MAY 2019

(Workshop convenors: *Energy Cities*, *REN21* and *Sustainable Energy Africa* hosted by the City of Heidelberg)

Workshop 1: 14h00 – 15h30
Energizing cities – Policies and mechanisms to support local renewable energy implementation

Workshop 2: 16h00 – 17h30
Energizing cities –Challenges and opportunities for local action

BACKGROUND

In 2019, it is clear that both the developed and developing world need to move urgently towards a decarbonized economy fuelled by 100% renewables and zero carbon emissions. The landmark 2018 United Nations Intergovernmental Panel on Climate Change (IPCC) Special Report on Global Warming of 1.5^0C is unambiguous in its clarion call to keep emissions below 1.5^0C, as time is fast running out in which to effect this. The impact of climate change is already upon us. Society and governments need to act now and this involves an active citizenship.

As this transformation occurs with technology changes bringing about power sector disruption and prices becoming more competitive, it is important to steer change towards ensuring greater levels of access to affordable, clean energy for all, whilst also enabling access by the poor to the opportunities in the emerging sustainable energy economy. In other words a just transition implies that the working class, and in particular the poor, do not have to shoulder the bulk of the burden of shifting to a low carbon, cleaner and more climate resilient society and economy.

Urbanisation is a global phenomenon and is growing. Most energy is consumed in cities which therefore play a pivotal role in a low carbon transition. Cities are the sphere of government closest to the communities they serve and as such hold enormous power to transform the energy and carbon emission profile of countries.

Over the past years, local governments have increasingly used their legislative and purchasing powers to implement change in their own operations and in the wider community. Many cities both large and small have been innovative in the implementation of projects. Champions and city officials have demonstrated an ability to think outside of the box. Despite this much still needs to be achieved.

Long term plans and strategies are an essential ingredient to local level energy transitions and whilst they should pursue the Paris-compatible trajectory, they need to be iterative, responsive and dynamic given the differential circumstances and capabilities of cities worldwide. A participatory design and co-creation process in the development of local strategies, leads to a range of local actors being empowered and having shared responsibility. Moreover, key to the success of plans is the development of achievable levers for implementation that address issues of energy poverty. The workshops will consider support mechanisms and planning to further advance the energy transition in cities (Workshop 1) and then move on to present examples of innovative local action, share and exchange experiences and knowledge (Workshop 2).

OBJECTIVES

The two workshops aim to place the spotlight on cities and energy transitions in a just and equitable manner.

Workshop Session 1 focuses on policy and related enabling mechanisms that are in place and need to be in place to support the mainstreaming and scaling up of renewable energy implementation and sustainable solutions at the local level.

Workshop Session 2 focuses on examples of sustainable energy planning and innovative actions from cities across the world.

WORKSHOP STRUCTURE

Whilst each workshop is standalone, they logically follow on from each other. The structure of both workshops involves some formal specialist input but is largely interactive drawing extensively on participants' experiences and knowledge.

ENERGIZING CITIES— WORKSHOP SESSION 1: 14h00 – 15h30

Energizing cities – Policies and mechanisms to support local renewable energy implementation

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To reach zero carbon and comply with the Paris agreement, cities must address a wide range of sectors (transport, built environment and industry) in their local strategy which they ideally would develop collaboratively with key stakeholders (government, civil society, academia and business).

Participants: open to all ICCA participants

Set up: Part plenary, part World cafe. Room for 100 participants, round tables for 10 people each, Translation: EN, DE.

Outcomes: Identifying potential tools and gaps to scale up local energy transitions with all local actors on board.

WORKSHOP SESSION 1: PROGRAMME

WORKSHOP SESSION 1	CONTENT	SPEAKERS at TABLES
WELCOME & INTRODUCTION • **5 min**	**Setting the Scene:** Overarching framework of local energy planning and involvement of local actors. **Welcome-song:** **"Get your Piece of the Sun"**	**Peta Wolpe** **(**Managing Director SEA)
PRESENTATION/ PLENARY • **5 min**	**Energy Allies:** feedback from a transatlantic exchange between cities on mobilising local actors and the narrative of a positive transition story.	**Sabine Lachenicht**, (City of Heidelberg) **Ian Turner** (Energy Cities)

WORKSHOP SESSION 1	CONTENT	SPEAKERS at TABLES
WORLD CAFE • **50 min**	Masterplans, just transition and collaboration between municipal and national levels. Diverse set of examples from small/medium cities of the global north and south. 10 tables of 10 people each. Each table is led by one person who presents a case study of best practice. Following this 15 min presentation, each table leads a discussion on following questions: What worked and why? What are the lessons we can take to policy makers? Where are the gaps?	**Facilitation**: • Energy Cities, • Sustainable Energy Africa • REN21
1.	**Leuven** – Masterplan	**Michèle Jacobs** (Stakeholder manager of Leuven´s 2030 Roadmap) • confirmed
2.	**Stuttgart** – Masterplan	**Hans-Wolf Zirkwitz** (Energy director, City of Stuttgart) • confirmed
3.	**Grenoble** – Masterplan	**Vincent Fristot** (Deputy for urban planning, housing and the energy transition at Grenoble) • confirmed
4.	**Helsinki** – Masterplan	**Katri Kuusinen,** **(**Head of Unit, Energy Management at City of Helsinki) • confirmed
5.	**Institutionalising energy into local government planning in South Africa –** the case of KwaDukuza Local Municipality	**Sikhumbuzo Hlongwane,** (Executive Director of Economic Development and Planning at KwaDukuza Municipality) • confirmed
6.	**Equity and the just transition**: the reality for communities in South Africa's largest coal mining and power utility areas	**Thomas Mnguni** (Groundwork community campaigner for the just transition in communities in Mpumalanga Province, South Africa, the site of South Africa's largest coal mines- and power stations) • confirmed
7.	**Making visible the energy picture at local government level and how this transforms into local action**.	**Dr Simon Bawakyillenuo** (Senior Research Fellow at Institute of Statistical, Social and Economic Research) • confirmed

WORKSHOP SESSION 1	CONTENT	SPEAKERS at TABLES
8.	**Institutional restructuring towards new energy approaches – in the City of Cape Town Metropolitan Municipality, South Africa.** (New vision for traditional municipal distribution utility and related structural changes and legal challenges to purchasing renewable energy at the distributor level)	**Leila Mahomed Weideman** (Director of Sustainable Energy Markets, City of Cape Town) • confirmed
9.	**Post-Coal Alliance** - Building an international alliance with national, subnational, local players, private sector and NGOs.	**Stéphane Dion** (Ambassador of Canada to Germany, Special Envoy to Europe and the EU, and former Canadian Minister of Foreign Affairs and of the Environment) • confirmed
10.	**Relations between city and national governments in the framework of the energy transition:** the example of the Brussels- Capital Region	**Evelyne Huytebroeck,** Minister of Environment, Energy, Water Jurisdiction and City Rejuvenation of Brussels-Capital Region (Ecolo) • confirmed
REPORT BACK ● **15 min**	One speaker per table will be appointed to concisely present 1-2 key outcomes emerging from the roundtable discussion.	**Facilitation:** • Energy Cities • Sustainable Energy Africa • REN21
WRAP UP ● **10 min**	**Redefining multilevel governance:** The crucial role of local actors for a shared and just transition	**Stéphane Dion** (Ambassador of Canada to Germany, Special Envoy to Europe and the EU, and former Canadian Minister of Foreign Affairs and of the Environment)
CLOSING ● **5 min**	**Key take-away messages** emerging from the workshop session	**Facilitation:** • Energy Cities • Sustainable Energy Africa • REN21

ENERGIZING CITIES — WORKSHOP SESSION 2: 16h00 – 17h30

Energizing cities –Challenges and opportunities for local action

In order to better understand the mechanisms of support that cities require to scale up local renewable energy and sustainable solutions, REN21, Energy Cities and Sustainable Energy Africa present examples of city innovations from the global north and south. Following on from this, roundtable discussions will be held where different examples of local action on specific themes or sectors will be presented and discussed.

Participants: open to all ICCA participants

Set up: Part plenary, part World Cafe. Room for 100 participants, round tables for 10 people each, Translation: EN, DE.

Outcomes:

- Showcasing local innovation and the potential for scale up.
- Recommendations for national and international processes to include local energy policy development in their agendas.
- Comments on the REN21 draft report.

WORKSHOP SESSION 2: PROGRAMME

WORKSHOP SESSION 2	CONTENT	SPEAKER
WELCOME, INTRODUCTION & SETTING THE SCENE ● **15 min**	REN21, Energy Cities and Sustainable Energy Africa: changing local energy systems: now that we know it is possible: how can we scale it up?	**Rana Adib** (Executive Secretary at REN21 and **Lea Ranalder**, Project Manager at REN21) **Alix Bolle** (EU Policy Manager at Energy Cities)
WORLD CAFÉ ● **50 min**	Concrete examples of local action on specific themes and sectors: Diverse range of experience from: small/medium cities of the global north and south 10 tables of 10 people each. Each table is led by one person who presents a case study of best practice. Following this 15 min presentation, each table leads a discussion on following questions: What worked and why? What are the lessons we can take to policy makers? Where are the gaps?	**Facilitation**: ● Energy Cities, ● Sustainable Energy Africa ● REN21

WORKSHOP SESSION 2	CONTENT	SPEAKER
1.	**Lyon´s example of local enterprises**	**Bruno Charles** **(**VP environment from Greater Lyon) • confirmed
2.	**Integrating energy planning in urban planning: the case of Vienna**	**Bernd Vogl** (Chief Energy Planner, Head of Department, City of Vienna) • confirmed
3.	**Munich and electro mobility from RES**	**David Murphy** (Environmental Transformation Manager) • confirmed
4.	**Kortrijk** - Heating roadmap and how they implemented it to district heating network	**Gerda Flo** (City of Kortrijk) • confirmed
5.	Remunicipalising local energy supply in **Pamplona**	**Joel Dozzi** (Energy Service responsible for green energy) • confirmed
6.	**EThekwini Metropolitan Municipality, South Africa**: How to scale up the uptake of small scale embedded generation and some of the challenges for municipal revenue	**Leshan Moodliar** (Electricity Department: Tariff Engineer and Representative of Association of Municipal Electric Utilities in South Africa) • confirmed
7.	**Using local agency to support climate change mitigation initiatives**	**Secou Sarr** (Director of Environmental Development Action in the Third World: Enda Energie, Senegal) • confirmed
8.	**City of Dakar, Senegal:** How energy efficiency can change the energy consumption profile: What cities can do in their own buildings	**Ndeye rokhaya Sarr** (Coordonnatrice du PCET She has worked on the C40 climate action plan programme) • confirmed
9.	**City of Johannesburg, South Africa**: Corridors of Freedom: - innovations in the metro's transport network and spatial form	**Monyake Moteane** (Senior Specialist on City transformation and spatial planning) • confirmed

WORKSHOP SESSION 2	CONTENT	SPEAKER
10.	**Energy poverty gender nexus in South Africa -** Hot box training: how entrepreneurship can stimulate job creation and energy efficiency	**Dorah Marema** (Director Gender and Climate Change) • confirmed
11.	**How to develop innovative ways of managing waste in Cameroon**	**Patu Ndango (**Entrepreneur of waste management/recycling NGO Cameroon) • confirmed
12.	**Successes and challenges of Passive House districts and examples of municipalities using policy and incentives to encourage the uptake of Passive House coupled with renewables as pathway to achieving their climate targets**	**Ms. Jessica Grove-Smith** (Passive House Institute in Darmstadt, Germany) • confirmed
REPORT BACK ● **15 min**	Each table to present 1-2 key outcomes emerging from the roundtable discussions.	**Facilitation:** • Energy Cities • Sustainable Energy Africa • REN21
WRAP UP & CLOSING ● **10 min**	**Opportunities for implementation and scale up, emerging from the roundtable debates. Key take-away messages emerging from the workshop session.**	