



Renewables for Resilient Cities: A roadmap from 2012 to 2050

*A stakeholder workshop for IRENA's technology roadmap on Renewables in Cities
Saturday 12 May 2012*

Renewables in cities is a complex topic. Local climatic and infrastructural conditions, renewable resource availability, urban design, existing building stock, financial and investment climate, and urbanisation rates are just a few of the aspects that affect the share of renewables that can be deployed in cities. Furthermore, these conditions may differ significantly across regions and countries.

Yet, there are many similarities regarding how to address challenges and take advantage of the opportunities of introducing renewables across different cities. The aim of this workshop is to bring together a wide range of stakeholders from different regions and professional backgrounds to identify common areas of concern and importance for accelerating the deployment of renewables in cities. The outcome of the workshop will be used to inform and develop priority areas for the development of IRENA's global technology roadmap on *Renewables in Cities*, which will be developed in 2012.

The workshop will consist of four sessions:

- 1) An introduction to IRENA's technology roadmap activities
- 2) Four keynote presentations on renewables in cities from 2012 to 2050
- 3) A 'World Café' with breakout groups to identify priority areas for renewables in cities
- 4) A plenary discussion to provide feedback on the workshop outcomes.

The day will start with a brief introduction to IRENA and its technology roadmap activities. Each of the four keynote speakers reflects a different stakeholder group, and provides a different perspective on the challenges and opportunities facing renewables in cities. The World Café methodology will be used to stimulate discussion among participants, and the plenary discussion will provide immediate feedback on the outcome of the stakeholder discussions and provide a basis for the main areas of analysis in the technology roadmap.

The workshop will take place on Saturday 12 May 2012, and is a co-event at the Resilient Cities 2012 conference organised by ICLEI – Local Governments for Sustainability - from 13 to 15 May 2012. The workshop will take place in the same venue as ICLEI's Resilient Cities 2012 conference at the following address:

Gustav Stresemann Institut Bonn
Langer Grabenweg 68, Bonn, Germany

A detailed agenda is provided on the next page.



WORKSHOP AGENDA *(tentative)*

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09.00-09.30 Registration

09.30-10.30 Introduction

- Introduction to IRENA
- Introduction to the renewables in cities technology roadmap at IRENA
- Introduction to workshop

10.30-11.00 Coffee Break

11.00-12.30 Panel presentations on renewables in cities

- Dr. Arnulf Grubler, Convening Lead Author, Urban Energy Systems, Global Energy Assessment: “Global assessment of renewable energy potential in cities”
- Mr. Yunus Arikkan, Manager, Cities Climate Center, ICLEI-Local Governments for Sustainability: “Mayors council global perspective on use of renewables in the cities”
- Dr. Francois du Plessis – CEO, Greening Cape: “Renewables in rapidly growing cities in Africa”
- Mr. Kazuyuki Takada, Deputy Director, Smart Community Department, NEDO: “Smart Community Activities”

12.30-13.30 Lunch

13.30-15.30 World Café – Prioritising opportunities and barriers for renewables in cities

The World Café consists of break-out groups of up to six people per group. In two rounds, groups will develop a list of priority areas for a global technology roadmap exercise.

15.30-16.00 Coffee break

16.00-17.00 Panel discussion

A panel discussion between the keynote speakers and the workshop participants on the outputs of the World Café, including a discussion on how these can be translated into concrete actions for stakeholders.

17.00-17.30 Next steps

Workshop participants are invited to provide individual feedback on the priority areas for a global technology roadmap for renewables in cities, and will be informed about the next steps.