



# A policy matter: Innovation strategies of the power sector and 100% renewable energy for cities

Side event at UN Climate Change Conference – COP15

➔ **Bella Center, Copenhagen, Denmark**  
**11 December 2009, 20:00-21:30, Room: Dan Turell**

How does climate policy contribute to R&D and diffusion of low-carbon electricity production technologies? What policies are needed for a transition to 100% renewable energy for cities?

A SHARED EVENT BY ARUP, ETH ZURICH, FRAUNHOFER ISI KARLSRUHE, HAFENCITY UNIVERSITY HAMBURG AND THE WORLD FUTURE COUNCIL.

ARUP

**ETH**

Eidgenössische Technische Hochschule Zürich  
Swiss Federal Institute of Technology Zurich



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HafenCity University  
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World Future Council

## Description

The event presents research results on how climate policy contributes to R&D and the diffusion of low-carbon electricity production technologies. To what extent and how do CDM, EU ETS and international long-term climate policy targets contribute to R&D and diffusion of low-carbon power generation technologies? It presents findings of a survey among power generators and technology providers in seven EU member states and in-depth case studies.

In the second part concrete policy recommendations for national, regional and local governments to implement the transition to 100% renewable energy systems for cities will be presented. The aim is to highlight the need to put a stronger focus on cities' energy consumption including all electricity and thermal energy as well as energy used for transport and energy that is embodied in imported goods and services. Best practice examples will be presented.

The target audience are policy-makers at local, regional and national levels who are concerned about climate change mitigation in cities and metropolitan regions.

## Contact

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## Programme

### Welcome and introduction

#### **Stefan Schurig**

Climate and Energy Director  
World Future Council



### Innovation strategies of the power sector in response to international market-based climate policies

#### **Karoline Rogge**

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Competence Center Energy Policy and Energy Systems



#### **Tobias Schmidt**

Researcher  
ETH Zurich  
Group for Sustainability and Technology



### 100% renewable energy and beyond for cities

#### **Prof. Herbert Girardet**

Director of Programmes  
World Future Council



### Policies and strategies for the development and retrofitting of cities towards a low carbon future

#### **Peter Head**

Director  
Arup  
Global Planning



### Questions and answers