



SESSION DESCRIPTION

E5 **Adaptation and mitigation in the Rhine river basin in North Rhine-Westphalia**

Workshop

Date: Friday, 30 May, 2014

Time: 14:30-16:00

Rooms: S01-02

Language: German (English interpretation)

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Organized by: The Ministry for Climate Protection, Environment, Agriculture, Nature Conservation and Consumer Protection of the German State of North Rhine-Westphalia

OBJECTIVE

The newest IPCC Report, released earlier this year, again warns of the consequences of global climate change and calls for an increase in both mitigation and adaptation efforts. The effects of climate change can already be felt in North Rhine-Westphalia's cities, communities and regions. However, due to insufficient awareness in the wider public and local administration, in particular adaptation efforts continue to remain low on the agenda of local politics.

It is because of this that the Ministry for Climate Protection, Environment, Agriculture, Nature Conservation and Consumer Protection of the German State of North Rhine-Westphalia, in cooperation with ICLEI- Local Governments for Sustainability, is hosting a workshop on climate adaptation and mitigation measures in North Rhine-Westphalia (NRW). By looking at local and regional-level mitigation and adaptation projects in NRW, the session examines implementation processes, as well as the potential for crossover between mitigation and adaptation to lead to positive reinforcement.

The workshop is designed both to inform about current practices and measures being undertaken in NRW, and also to encourage the sharing and discussion of participant's experiences, methods and challenges with the speakers. The Workshop will end with an overview of current opportunities for climate mitigation and adaptation, and an outline of strategies for future action.

OUTCOMES

Participants will leave the workshop with:

- An overview of different methods and practical measures for climate change adaptation and mitigation in rural and urban areas in the state of North Rhine-Westphalia.
- New insights about the integration of the two working areas - mitigation and adaptation - in urban and regional planning projects.
- Knowledge about the development of networks with the objective that these networks can act independently in future.
- Contacts to researchers and projects working in urban climate protection and adaptation.



METHODOLOGY

Facilitator *Monika Steinrücke, Project Manager of Applied Climatology, Geographical Institute of Ruhr-University Bochum, Germany*

14:30 - 14:35 The facilitator will shortly present the background of the workshop as well as the importance of the topic for cities and regions in North Rhine-Westphalia. Moreover, the facilitator will introduce the speakers of the workshop.

14:35 – 14:45 With the so called “Roadmapping” approach, the KLIMZUG Project dynaklim started an innovation in the methodological field. This approach for planning future adaptation to climate change will be explained using the example of the Emscher-Lippe-Region. Furthermore, the district Siegen-Wittgenstein will show how the “Roadmapping” approach has been modified to suit the circumstances of a rural area.

Michael Kohlgrüber, Researcher, Technical University Dortmund, Germany

Elisabeth Fley, Advisor for Environment, Burbach Municipality, Germany

14:45 – 14:55 The approach “Climate Atelier“ of the project KliKER is a newly developed method to network different actors for adaptation in the region of Rhein-Waal. The city Rheinberg will introduce the German-Dutch “KliKER-Project” and present its own implementation measures.

Jens Harnack, Leader of the Department Sustainability, City of Rheinberg, Germany

14:55 - 15:05 The current dynamics in the field of climate protection offers an important impetus especially for small and medium-sized communities to foster their efforts in climate change adaptation and to enhance respective capacity-building. With the background of the “KoBe”-Project of the Wuppertal Institute, the presenter will explain which factors and circumstances systematically enhance adaptation capacities and which synergies between the two working areas - adaptation and mitigation - exist.

Ralf Schüle, Co-Director, Wuppertal Institute for Climate, Environment and Energy, Germany

15:05 - 15:15 The facilitator moderates questions of comprehension and explains the following group work.

15:15 - 15:45 Participants split up into groups in order to closer examine the respective topic and to discuss different questions, which are proposed by the speakers and the participants.

15:45 - 16:00 Presentation of the group results by the participants and conclusion by the facilitator.

With thanks to The Ministry for Climate Protection, Environment, Agriculture, Nature Conservation and Consumer Protection of the German State of North Rhine-Westphalia



Further recommended reading (in German):

Handbuch Stadtklima (MKULNV, NRW):

http://www.umwelt.nrw.de/klima/pdf/handbuch_stadtklima.pdf

Dynaklim: Dynamische Anpassung an die Auswirkungen des Klimawandels in der Emscher-Lippe-Region (Ruhrgebiet):

<http://dynaklim.ahu.de/dynaklim/index.html>

KliKer: Klimakommunen in der Euregio Rhein-Waal:

<http://www.rheinberg.de/C12571B10033BF8A/html/5ACF16AAF164BFA0C12578EE0042A71B?opendocument&nid1=61566>

Förderung von Maßnahmen zur Anpassung an die Folgen des Klimawandels (BMU, Forschungszentrum Jülich)

<http://www.ptj.de/folgen-klimawandel>
