

# Agenda

## CIRCLE-2 SHARE Workshop “From National Adaptation Strategies to concrete Adaptation Actions”

Version Date: 19 October, 2011

**Date:** 20-21 of October, 2011

**Venue:** ZAMG – Hohe Warte 38, 1190 Vienna, Austria

**Organisers:**

ENVIRONMENT AGENCY AUSTRIA **umweltbundesamt<sup>U</sup>** - Environment Agency Austria



Central Institute for Meteorology and Geodynamics, Austria - **ZAMG**

**Supported by:**

Austrian Ministry of Research and Science –

**BMW\_F<sup>a</sup>**

**Objectives:** Share knowledge and experience gained “from National Adaptation Strategies to concrete Adaptation Actions” (e.g. practical adaptation measures) in support of climate change adaptation policy, identification of research needs and opportunities for joint research. This WS will follow the format of the successful CIRCLE Workshop on “Supporting the exchange about and development of National Adaptation Strategies (NAS) across Europe”<sup>1</sup> held in Budapest, 2009.

**Format:** A full two day international workshop on adaptation strategies and adaptation actions in practice, and implications for CCIVA research and policy development – science-policy interface.

**Organizers:** Markus Leitner (EAA), Carin Nilsson (SMHI), David Avelar (FFCUL), Ingeborg Auer (ZAMG).

**Advisory Committee:** Tiago Capela Lourenço (FFCUL/CIRCLE-2), Kathryn Humphrey (DEFRA/CIRCLE-2), Martin Parry (Centre for environmental policy, Imperial College London), Stéphane Isoard (EEA).

**Participants:** Approximately 60 participants from the adaptation field; EU, national and regional level - policy makers, researchers and research funders and -managers. By invitation only.

**Background material:** CIRCLE-2 materials, background document and selected references, draft “Adaptation Inspiration Book” with good practices of implementation of adaptation strategies and projects in Europe

**Outputs:** Proceedings of the meeting,  
❖ A Policy Brief with a set of recommendations for EU and national impacts, vulnerability and adaptation research programmes,  
❖ Proposal for good practice guidance on how to turn generic, strategic recommendations from National Adaptation Strategies (NAS) into adaptation actions (incl. e.g. guidance on indicators for monitoring/reporting purposes).

**Follow-up:** Possible production of an Inspiration Book of Good practise examples from National Adaptation Strategies to concrete Adaptation Actions

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<sup>1</sup> [http://www.circle-era.eu/np4/%7B\\$clientServletPath%7D/?newsId=252&fileName=CIRCLE\\_NAS\\_Workshop\\_Outcomes.pdf](http://www.circle-era.eu/np4/%7B$clientServletPath%7D/?newsId=252&fileName=CIRCLE_NAS_Workshop_Outcomes.pdf)

## CIRCLE-2 SHARE Workshop “From National Adaptation Strategies to concrete Adaptation Actions”

**20 of October, 2011 - Day 1**

08:15 – 08:45      **REGISTRATION / TEA OR COFFEE ON ARRIVAL**

**MORNING\_I:**      **08:45 – 10:45**

**Duration: 1,75h / Chair: Sabine MCCALLUM**

08:45 – 09:15      **WELCOME ADDRESSES**

**Michael STAUDINGER** – Director Central Institute for Meteorology and Geodynamics, Austria (ZAMG).

**Georg REBERNIG** – Managing Director Environment Agency Austria.

**Helmut HOJESKY** – Austrian Federal Ministry of Agriculture, Forestry, Environment & Water.

**Irene GABRIEL** – Austrian Federal Ministry for Science and Research.

**Maria VASSILAKOU** – Vice Mayor of the City of Vienna.

09:15 – 09:40      **CIRCLE-2 - SCOPE OF THE DAY AND OBJECTIVES**

**Ingeborg AUER** (ZAMG) and **Markus LEITNER** (Environment Agency Austria).

09:40– 10:15      **NATIONAL ADAPTATION EFFORTS**

**Helmut HOJESKY** – Austria’s way towards a National Adaptation Strategy (Austrian Ministry of Agriculture, Forestry, Environment & Water).

**Sanna LUHTALA** - Finish Adaptation Strategy (Finish Ministry of agriculture and forestry).

**Petra MAHRENHOLZ** – German Adaptation Strategy (Federal Environment Agency, Germany).

**Margret DESMOND** – Irish Efforts in Adaptation (Environmental Protection Agency Ireland).

**Lorenzo CICCARESE** - Linking biodiversity and climate change in adaptation strategies and plans (Italian Institute for Environmental Protection and Research ISPRA, on behalf of the Italian Ministry for Environment, Land and Sea).

**Rob SCHOONMAN**- Dutch Adaptation Strategy (Ministry of Infrastructure and Environment, The Netherlands).

Three guiding question:

- ❖ What are the goals set out by the different countries governments?
- ❖ How will the strategy be implemented, related to encourage and support new and ongoing local and regional adaptation actions?
- ❖ What are the challenges for implementation?

10:15– 10:45

#### ADAPTATION ACTIONS

**Christine SCHWABERGER** - “The adaptation action plan of the Province of Styria” – guidance for adaptation measures in the spatial planning instruments for urban areas.

**Manfred J. LEXER** - Forest management under climate change: developing adaptation strategies for the Austrian Federal Forests (University of Natural Resources and Life Sciences, Vienna).

**Juliette DANIELS** - Adaptation actions for London (London Climate Change Partnership).

**Sten BERGSTRÖM** – Examples of Lake Mälaren, how future sea level rise will hit Stockholm, together with ways to adapt to this, and the Göteborg/Lake Vänern problem.

**Atila URAS** – Selected Case form the CBA Grants Programme in Turkey (UN Joint Programme Manager).

Three guiding question:

- ❖ What were/are the drivers for concrete adaptation actions?
- ❖ In what overall picture are these adaptation actions integrated?
- ❖ What are the challenges identified during the implementation?

10:45 – 11:15 Coffee break

**MORNING\_II: 11:15 – 12:30**

**Duration: 1,25h / Chair: Sabine MCCALLUM**

**11:15 – 12:30** **PANEL DISCUSSION – FROM POLICY AND SCIENCE TO PRACTISE**  
*KICK-OFF PRESENTATION – **Michael BÖCHER** and **Max KROTT** – Professional Integration as missing link between science and political practice (University Göttingen, Germany).*

*This panel discussion aims the identification of good practise on how to deal with adaptation at different levels as well as existing tools to integrate adaptation actions.*

*The Panel consists of speakers of previous session, Helmut HOJESKY, Sanna LUHTALA, Margret DESMOND, Lorenzo CICCARESE, Rob SCHOONMAN, Christine SCHWABERGER, Sten BERGSTRÖM, Manfred J. LEXER, Atila URAS, Juliette DANIELS.*

**12:30 – 13:30 Lunch**

**13:30 – 14:00** **WEATHER BALLOON DEMONSTRATION OUTDOOR**

**AFTERNOON\_I: 14:00 – 15:30**

**Duration: 1,5 h / Chair: Markus LEITNER**

**14:00 – 15:30** **SPLITTING UP IN TWO WORKING GROUPS**  
**Working Group 1: Prioritization of impacts and adaptation actions.**

What are the priority adaptation measures, based on the analysis of impacts that should be avoided, key vulnerabilities (sectors/areas), adaptive capacity and costs?

**Carlo CACCIAMANI** - *Activities of ARPA Emilia Romagna in the field of regionalization of climate change scenario and the definition of impacts on agriculture and other sectors of activities in Emilia-Romagna region (Hydrological-meteorological-climate services of the Regional Agency for Environment and Prevention ARPA-SIMC / Region Emilia Romagna, Italy).*

**Roland HOHMANN** – *From risk assessment to prioritization of adaptation measures (Federal Office for the Environment FOEN, Switzerland).*

**Marjolein PIJNAPPELS** - *Climate as an opportunity (KvK, the Netherlands).*

*Chair: **Margret DESMOND** (Environmental Protection Agency Ireland).*

*Rapporteur: **David THOMPSON** (Committee on Climate Change, UK).*

Presentations are limited to max. 5 Minutes each. The working group shall focus on the guiding principles 6 – “Explore a wide spectrum of adaptation options” and 7 – “Prioritise adaptation options” (from “Guiding principles for adaptation to climate change in Europe”<sup>2</sup>):

- ❖ *How to prioritise impacts?*
- ❖ *How to prioritise adaptation measures?*
- ❖ *How to create and use synergies, positive sides of climate change?*

Working Group 2: Governance challenges (multi-level, multi-sector, multi-actor, cross-regional) of adaptation with focus on stakeholder engagement and communication

**Anja BAUER & Reinhard STEURER** – The governance of climate change adaptation in 10 OECD countries: challenges and institutional arrangements (*University of Natural Resources and Life Sciences, Vienna*).

**Heiko GARRELT** - *Adaptive governance issues in the research project "nordwest2050"*.

**Torsten GROTHMANN** - *Challenges and recommendations for regional adaptation processes (Potsdam Institute for Climate Impact Research -PIK)*.

**Francesca GIORDANO** - *ACT- Adapting to Climate change in Time: towards local adaptation plans (National Institute for the Protection and Environmental Research ISPRA, Italy)*.

Chair: **Anthony PATT** (*International Institute for Applied Systems Analysis - IIASA, Austria*).

Rapporteur: **Katarina SÖDERBERG** (*Project Manager Climate Change Adaptation, County Administrative Board of Kronoberg, Sweden*).

Presentations are limited to max. 5 Minutes each. The working group shall focus on the following three guiding principles (from “Guiding principles for adaptation to climate change in Europe”<sup>3</sup>):

- ❖ *How to initiate adaptation, ensure commitment and management?*
  - *What are the most important triggers to initiating adaptation processes?*
- ❖ *How to build knowledge and awareness?*
  - *What are the gaps and needs?*
- ❖ *How to identify and cooperate with relevant stakeholders?*
  - *What are good approaches to involve and engage stakeholders?*

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<sup>2</sup> [http://acm.eionet.europa.eu/docs/ETCACC\\_TP\\_2010\\_6\\_guiding\\_principles\\_cc\\_adaptation.pdf](http://acm.eionet.europa.eu/docs/ETCACC_TP_2010_6_guiding_principles_cc_adaptation.pdf)

<sup>3</sup> [http://acm.eionet.europa.eu/docs/ETCACC\\_TP\\_2010\\_6\\_guiding\\_principles\\_cc\\_adaptation.pdf](http://acm.eionet.europa.eu/docs/ETCACC_TP_2010_6_guiding_principles_cc_adaptation.pdf)

**15:30 – 16:00** Coffee break

**AFTERNOON\_II:** 16:00 – 17:30

**Duration: 1,5 h / Chair: Markus LEITNER**

16:15– 17:30 CHANGE TO THE OTHER WORKING GROUP

Working Group 1: Prioritization of impacts and adaptation actions.

Working Group 2: Governance challenges (multi-level, multi-sector, multi-actor, cross-regional) of adaptation with focus on stakeholder engagement and communication.

17:30– 17:45 WRAP UP AND CLOSURE OF DAY 1

**20:00** Social Event

## CIRCLE-2 SHARE Workshop “From National Adaptation Strategies to concrete Adaptation Actions”

**21 of October, 2011 - Day 2**

**MORNING\_III: 08:45 – 10:45**

**Duration: 1,75h / Chair: Ingeborg AUER**

**08:45 – 09:15 REPORTING BACK OF THE WORKING GROUPS IN THE PLENARY**

**09:15 – 10:45 SPLITTING UP IN TWO WORKING GROUPS**

Working Group 3: Costs of Climate Change

**Reinhard MECHLER** – *Extreme events: damage costs and costs of adaptation (International Institute for Applied Systems Analysis - IIASA, Austria).*

**Alistair HUNT** - *Measuring the costs of adaptation on the European and national level (University of Bath, UK).*

**Sonja BUTZENGEIGER** - *Policy instruments and incentives for adaptation (Perspectives, Germany).*

**Ibon GALARRAGA** - *Contributions from economics of adaptation to decision making (bc<sup>3</sup>, Spain).*

Chair: **Martin KÖNIG** (Environment Agency Austria).

Rapporteur: **Olivia KOLAND** (University Graz, Austria).

Presentations are limited to max. 5 Minutes each.

- ❖ *Trends and scenarios for climate costs*
  - *Existing climate damage data suggests clear trends in climate impact costs. If so, what is the climate signal and what is due to socio-economic trends/exposed values?*
  - *What are the projected future costs of inaction? What is the share of extreme events? What can we learn from past trends?*
- ❖ *Economic instruments to manage climate impacts and promote adaptation*
  - *What are the costs and benefits of adaptation and which instruments could be helpful to provide incentives for adaptation?*
  - *Which scenarios for adapted futures can we think of, how steep will be the “adaptation/learning curve” and how much residual damage can we accept?*



Working Group 4: Monitoring and Evaluation

**Roger STREET** - *Monitoring and Evaluation of Climate Adaptation Activities: Identifying Challenges to Find Appropriate Solutions (UKCIP).*

**Sanna LUHTALA** – *Experience and Evaluation of the Finish NAS.*

**David THOMPSON** – *Approach to assessing the UK’s Progress on Adaptation (Committee on Climate Change, UK).*

Chair: **Juliette DANIELS** (London Climate Change Partnership).

Rapporteur: **Bengt RYDELL** (Swedish Geotechnical Institute).

Presentations are limited to max. 5 Minutes each. The working group shall focus on the following the guiding principles 8-10 (from “Guiding principles for adaptation to climate change in Europe<sup>4</sup>):

- ❖ *What shall be measured?*
  - *The process, the measure, the implementation?*
- ❖ *What are the criteria?*
- ❖ *What experience has been made and what are the lessons learned?*
  - *Modify existing policies, structures and processes*
  - *Avoid maladaptation*
  - *Monitor and evaluate systematically*

**10:45 – 11:15 Coffee break**

**MORNING\_VI: 11:15– 14:15**

**Duration: 3 h / Chair: Ingeborg AUER**

**11:15 – 12:15 CHANGE TO THE OTHER WORKING GROUP**

Working Group 3: Costs of Climate Change

Working Group 4: Monitoring and Evaluation

**12:15– 12:30 REPORTING BACK OF THE WORKING GROUPS IN THE PLENARY**

**12:30 – 13:30 WALKING Lunch**

<sup>4</sup> [http://acm.eionet.europa.eu/docs/ETCACC\\_TP\\_2010\\_6\\_guiding\\_principles\\_cc\\_adaptation.pdf](http://acm.eionet.europa.eu/docs/ETCACC_TP_2010_6_guiding_principles_cc_adaptation.pdf)

**13:30 – 14:45**      **INTERACTIVE DISCUSSION – FROM NAS TO ACTION PLANS AND ADAPTATION ACTION**

*This interactive Session will aim at good practice examples of adaptation actions and identifying policy and planning needs for research and research funding. Experts will actively participate and joint efforts for the future and follow-up will be discussed.*

The working mode will be in the format of a walking brain-storming with three pin board and facilitators based on the three questions below.

*Chair: Carin NILSSON*

**Ingmar JÜRGENS** - European Overview - EU developments and Adaptation Strategy (EC/DG CLIMA)

**Stéphane ISOARD** - European Overview - Clearinghouse (European Environment Agency)

**Clemens HASSE** - Experience with the identification of good practice examples

**Marjolein PIJNAPPELS** and **Marit HEINEN** – CIRCLE-2 Adaptation Inspiration Book with good practices of implementation of adaptation strategies and projects in Europe

**14:45– 15:00**      **WRAP UP AND CLOSURE**