



TIME TO ADAPT – CLIMATE CHANGE AND THE EUROPEAN WATER DIMENSION
BERLIN, 12 TO 14 FEBRUARY 2007

Symposium – Time to Adapt – Climate Change and the European Water Dimension

Berlin, 12 to 14 February 2007

Conference Venue: BMWi (Federal Ministry of Economics and Technology), Invalidenstr. 48, 10115 Berlin

Draft Programme

Monday, 12 February 2007

11:30-13:00 **Registration**

13:00-14:00 **Block 1 – Opening Session**

Sigmar Gabriel, Federal Minister for the Environment, Nature Conservation and Nuclear Safety (Germany)

Francisco Nunes Correia, Minister for the Environment, Spatial Planning and Regional Development (Portugal)

Mogens Peter Carl, Director -General DG Environment (EU Commission)

14:00-18:00 **Block 2 – Climate Change and Water Resources: Setting the scene**

14:00-15:30 *Moderator: Wolfram Mauser*, Ludwig Maximilian University Munich (Germany)

Nigel Arnell, Tyndall Centre (UK):

“Climate Change and Water Resources: Observed and Projected Global Trends”

Daniela Jacob, Max-Planck-Institute for Meteorology (Germany):

“Climate Change and Water Resources: Observed and Projected Trends at regional scale in Europe”

Pavel Kabat, Wageningen University (The Netherlands):

“Climate Change and Water Resources: Long Term/Gradual Changes”

Axel Bronstert, University of Potsdam (Germany):

“Climate Change and its Impacts on Water Resources: Extreme Events”

15:30-16:00 **Discussion**

16:00-16:30 **Coffee break**

16:30-17:30 **Annette Menzel**, Technical University Munich (Germany):

“Climate Change and Water Resources: Impacts on Water Related and Water Dependent Ecosystems and Biodiversity”

Elisabeth Lipiatou, European Commission, DG Research:

“Climate Change and its Impacts on Water Resources, Water Management and related Adaptation Strategies: Research Gaps and Priorities”

17:30-18:00 **Discussion**

18:00 **Opening of the Exhibition Session**

20:00 **Evening event (Dinner)**



Tuesday, 13 February 2007

9:00-10:30 Block 3 – Towards an EU Policy Framework for Adaptation

- 9:00-10:00** *Moderator: André Weidenhaupt*, Ministry for Environment, Luxembourg.
David Grant Lawrence, European Commission, DG Environment:
“Framework of an EU Adaptation Strategy”
Jaqueline McGlade, Executive Director European Environment Agency:
“Climate Change and Water – Assessments and responses in EU Member States – an Overview”
Manfred Grasserbauer, European Commission, Joint Research Centre:
“Climate Change and the European Water Dimension: Tools for Improved Risk Management”

10:00-10:30 Discussion

10:30-11:00 Coffee Break

11:00-13:00 Block 4 – Impacts on Selected Sectors and Adaptation Challenges

- 11:00-12:45** *Moderator: Peter Gammeltoft*, European Commission, DG Environment
Gernot Klepper, Kiel Institute for World Economy (Germany):
“Climate Change and Water Resources – Socio-economic consequences”
Introduction of background information on climate change impacts and adaptation challenges as well as of preliminary recommendations and conclusions on options for adaptation strategies and measures with regard to the following sectors:
Karl Schwaiger, Federal Ministry for Agriculture, Forestry, Environment and Water Management (Austria):
“Water Management : Impacts, Adaptation Challenges and Options”
Marco Bindi, University of Florence (Italy):
“Agriculture: Impacts, Adaptation Challenges and Options”
N.N.
“Energy Industry (Electricity): Impacts, Adaptation Challenges and Options”
Hans Moser, Federal Institute of Hydrology (Germany):
“Inland Waterway Transport: Impacts, Adaptation Challenges and Options”
Gabor Vereczi, World Tourism Organisation:
“Tourism: Impacts, Adaptation Challenges and Options”

12:45-13:00 Questions (comprehension)

13:00-14:15 Lunch Break

14:15-18:00 **Block 5 – Working Sessions**
(incl. coffee break) **Adaptation Strategies: Options for selected Sectors**

14:15-18:00 **Working Session A: Water Management**

Moderator: **Karl Schwaiger**, Federal Ministry for Agriculture, Forestry, Environment and Water Management (Austria)

Rapporteur: **Prof. Andreas Schumann**, University of Bochum (Germany)

José Ramón Picatoste, Ministry for Environment (Spain)

“The Spanish Adaptation Plan to Climate Change and the water resources sector”

Luis Veiga da Cunha, UNL Lisboa / Ministry of Environment (Portugal)

“Adaptation strategies related to water management: An Example of the Situation in Southern Europe – a case study of Portugal”

N.N., Netherlands Environmental Assessment Agency (The Netherlands)

“Water and Flood Risk Management in Response to Climate Change- the Dutch Experience”

David King, Environmental Agency for England and Wales (UK)

“Water Management in the UK: Integrating adaptive responses to climate change”

Pamela Taylor, Chief Executive, Water UK (UK)

“How the water sector is already adapting to climate change impacts”

14:15-18:00 **Working Session B: Agriculture**

Moderator: **Marco Bindi**, University of Florence (Italy)

Rapporteur: **Jørgen E. Olesen**, Danish Institute of Agriculture Sciences, (Denmark)

Bernard Seguin, National Institute for Agricultural Science (INRA), (France)

“Adaptation of agriculture to increased drought risk induced by climate change in Southern Europe”

Ana Iglesias, University of Madrid (Spain)

“Climate change, water and adaptation in agriculture”

Horst Gömann, Federal Agricultural Research Centre (Germany)

“Perspectives for Agriculture in Central Europe under Changing Climate and Water Supply Conditions”

14:15-18:00 **Working Session C: Energy/Electricity**

Moderator: **N.N.**

Rapporteur: **Nils R. Sælthun**, Norwegian Water Resources and Energy Administration (Norway)

Sten Bergström, Swedish Meteorological and Hydrological Institute (Sweden)

“A northern European perspective: climate change and the hydropower industry”

Sylvie Parey, EDF-Research and Development (France)

“Water related impacts of climate change on the French electricity sector”

Otto Pirker, Austrian Hydropower AG

“Climate change and hydropower”

- 14:15-18:00** **Working Session D: Inland Waterway Transport**
Moderator: **Hans Moser**, Federal Institute of Hydrology (Germany)
Rapporteur: **Bruno Schädler**, Federal Office for the Environment (Switzerland)
Gabor Bálint, Vituki (Hungary)
“Low flows and navigation conditions”
Henk van Hoorn, Dutch Ministry for Transport, Public Works and Water management (The Netherlands)
“Inland navigation, climate change and possible measures (policy focus)”
Gunther Jaegers, European Barge Union (The Netherlands)
“Inland Navigation and adaptation to changing hydrological conditions”
- 14:15-18:00** **Working Session E: Tourism**
Moderator: **Gabor Vereczi**, World Tourism Organisation
Rapporteur: **Wolfgang Seiler**, Institute of Meteorology and Climate Research
David Viner, University of East Anglia (UK)
“The Environment, Climate and Tourism: They are Changing!”
Tanja Cegnar, Environmental Agency of the Republic of Slovenia (Slovenia)
“The impacts of climate change on tourism and potential adaptation responses in coastal and Alpine regions”
Tamara Ratz, Kodolányi János University College (Hungary)
“The Role of Climatic Factors in Hungarian Lake Tourism Development”

Wednesday, 14 February 2007

- 9:00-9:20** **Block 6 – Climate Change Impacts on Water Resources and Adaptation Strategies in developing countries- a case for development co-operation**
Keynote: **Achim Steiner**, Executive Director UNEP
- 9:20-9:40** **Block 7 – Climate Change and the Economic Relevance**
Terry Barker, Cambridge Centre for Climate Change Mitigation Research
“After Stern: the Economics of Avoiding dangerous Climate Change”
- 9:40-10:30** **Block 8 – Presentation of Results from Working Sessions in the Plenary**
Moderator: **Peter Gammeltoft**, European Commission, DG Environment
Summary from the sessions (Rapporteurs)
- 10:30-11:00** **Questions / Discussion**
- 11:00-11:30** **Coffee break**



11:30-13:00 Block 9 – Panel Discussion

The podium consists of personalities from different parts of the society (politics, industry, science, civil society). Discussions should focus on how awareness for the need for adaptation strategies can be raised and how adaptation strategies can be transferred into action in the different sectors.

Moderator: **Alfred Thorwarth**, German Committee for Disaster Reduction (Germany)

Panellists:

Achim Steiner, Executive Secretary of UNEP

Astrid Klug, Parliamentarian State Secretary, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, (Germany)

David Grant Lawrence, European Commission, DG Environment

Tony Long, WWF European Policy Office

Pedro Cunha Serra, Águas de Portugal (Portugal)

John Schellnhuber, Potsdam-Institute for Climate Impact Research (Germany)

Terry Barker, Cambridge Centre for Climate Change Mitigation Research (UK)

13:00-13:20 Block 10 – Presentations of Conclusions and Recommendations

Fritz Holzwarth, Federal Ministry for Environment, Nature Conservation and Nuclear Safety, (Germany)

Peter Gammeltoft, European Commission, DG Environment

13:20-13:30 Concluding Remarks

Astrid Klug, Parliamentarian State Secretary, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, (Germany)

– End of symposium –

13:30 Farewell Snack