



Monday, June 8, 2009

Location: RWE-Pavillon

18:00–19:00 Registration

19:00–20:30 CONFERENCE OPENING: **CLIMATE CHANGE – A CULTURAL REVOLUTION?**

What is the context for the transformations we are facing today? How do civilizations deal with climate change?

Chair: Prof. Dr. Claus Leggewie, Director, Institute for Advanced Study in the Humanities in Essen (KWI)

Welcome

Dr. Bernhard Lorentz, President, Stiftung Mercator

Prof. Dr. Manfred Fischedick, Vice-President, Wuppertal Institute for Climate, Environment and Energy

Introduction: **Transitions and Transformations**

Prof. Dr. Hans Joachim Schellnhuber CBE, Director, Potsdam Institute for Climate Impact Research (PIK), Chair of the German Advisory Council on Global Change (WBGU)

Keynote: **Climate Change and the Renewal of Civilization**

Prof. Dr. Thomas Homer-Dixon, CIGI Chair of Global Systems, Balsillie School of International Affairs, Faculty of Environment, University of Waterloo

Tuesday, June 9, 2009

Location: Festsaal

08:00–09:00 Registration

09:00–12:45 SESSION I: **POLITICAL ECONOMY OF TRANSFORMATION**

Global markets face the challenge of having to include the costs of environmental damage and climate protection into their pricing and of having to shift preferences. An over-confidence in markets and a fixation with the paradigm of industrial growth, however, may impede alternative routes of development. How much do measures for prevention and adaptation cost and what would be the price of inaction? When do investments in climate protective measures pay off and how are the expenses and gains distributed between the rich and the poor, the North and the South?

Chair: Jun.-Prof. Dr. Cornel Zwielerlein, Department of History, Environmental History, Ruhr-University Bochum

Keynote: **A Global Deal for the Climate and the Financial Crisis**

Prof. Dr. Ottmar Edenhofer, Deputy Director Potsdam Institute for Climate Impact Research (PIK), Co-Chair of Working Group III of the IPCC

Presentation: **Hail Risk in Switzerland. Economic Loss in Cultural Context**

Prof. Dr. Jürg Luterbacher, Department of Geography, Justus-Liebig University Gießen and Dr. Franz Mauelshagen, Coordinator ClimateCulture, Institute for Advanced Study in the Humanities in Essen (KWI)

Presentation: **How to Incentivize Effective Climate Adaptation Mechanisms – A Holistic Risk Management Approach**

Dr. David Bresch, Head Sustainability & Emerging Risk Management, Swiss Re

11:00–11:30 Coffee Break

Presentation: **The “1950s Syndrome” – Transitional Phase from a Sustainable to an Unsustainable World**

Prof. Dr. Christian Pfister, Department of History, University of Bern

Special Presentation: **The EURO-CLIMHIST Data Base**

Prof. Dr. Christian Pfister, Department of History, University of Bern

12:45–14:15 Lunch

14:15–18:00 SESSION II: **LAST EXIT COPENHAGEN?**

The Kyoto Protocol will run out in 2012. With it an economic mechanism to foster reduction of CO₂ emissions has been implemented. How can this mechanism be evaluated today? Current climate scenarios, as well as an increase of CO₂ emissions over the last years, show the need for a new protocol. How can measures be improved? Will the U.S., China, and India be subscribers to a new agreement?

Chair: Michael Werz, Edmund A. Walsh School of Foreign Service, Georgetown University Washington DC

Keynote: **Climate Change – Time is Running Out**

Prof. Dr. Stefan Rahmstorf, Chair of the Research Domain “Earth System Analysis”, Potsdam Institute for Climate Impact Research (PIK)

15:00–15:30 Coffee Break

ROUNDTABLE: **EU, USA AND CHINA – TRANSNATIONAL CLIMATE COOPERATION ON THE ROAD TO COPENHAGEN**

Introduction: **The Road to Copenhagen: Restoring American Leadership on Climate Change**

John Podesta, President and CEO, Center for American Progress

Prof. Dr. Dirk Messner, Director, German Development Institute (DIE), Vice-Chair of the German Advisory Council on Global Change (WBGU) and member of the China Council for International Cooperation on Environment and Development

Prof. Dr. Frank Biermann, Institute for Environmental Studies, Vrije Universiteit Amsterdam

Daniel Cohn-Bendit, Co-President of the Greens / Free European Alliance Group in the European Parliament

18:00–18:30 Break

18:30–20:00 EVENING DEBATE: **A GLOBAL CONTRACT BETWEEN SCIENCE AND SOCIETY: BASIS FOR THE GREAT TRANSFORMATION**

Introduction

Dr. Hermann E. Ott, Head Berlin Office, Wuppertal Institute for Climate, Environment and Energy

Keynote

Prof. Dr. Klaus Töpfer, Deputy Chairman of the German Council for Sustainable Development (RNE)

20:00 RECEPTION hosted by Stiftung Mercator



Wednesday, June 10, 2009

Location: RWE-Pavillon

08:00–09:00 Registration

09:00–12:45 **SESSION III: FROM KNOWLEDGE TO ACTION**

Why does our knowledge not translate into action? Cognitive awareness and insights never translate directly into new configurations of preferences and behavioral strategies. What are the most beneficial conditions under which a change in mindsets and the development of alternative behavior patterns may be achieved? And what can be learned by other societies' successful ways of coping with environmental threats and disasters?

Chair: Prof. Dr. Tobias Debiel, Director, Institute for Development and Peace (INEF), University of Duisburg-Essen

Keynote Lecture: Bridging the Grand Canyon – The Social Psychology of Knowledge and Action.

Prof. Dr. Harald Welzer, Institute for Advanced Study in the Humanities in Essen (KWI)

Presentation: Action Failure, Action Opportunities, and Action Success – A Psychological Perspective

Prof. Dr. Andreas Ernst, Vice Executive Director, Centre for Environmental Systems Research, University Kassel

10:45–11:15 Coffee Break

Presentation: Cherries from Timbuktu. Why, despite better knowledge, behaviour patterns do not change

Prof. Dr. Udo Kuckartz, Institute for Education, Philipps University Marburg

Presentation: Climate Change and Sea Level Rise: Challenges and Adaptations for Local Communities

Prof. Dr. Anthony Oliver-Smith, Department of Anthropology, University of Florida

12:45–14:15 Lunch

14:15–16:00 **SESSION IV: HOW CAN DEMOCRACY COPE WITH THIS CLIMATE STRESS?**

Technological innovation and political regulation can only be effective if "the people" participate in their various roles as polluters, producers, citizens and voters. Democratic regimes are not well prepared for the level of participation that is required: Can free democratic societies cope with the effects of grave changes in the global climate, or might authoritarian regimes possibly be better placed to enforce the necessary measures?

Chair: Prof. Dr. Claus Leggewie, Director, Institute for Advanced Study in the Humanities in Essen (KWI)

Keynote: Democracy, Governance and the Climate Change – Apocalypse soon or reform!

Prof. Dr. David Held, Co-Director, Centre for the Study of Global Governance, London School of Economics (LSE)

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Prof. Dr. Thomas Saretzki, Centre for the Study of Democracy, Department of Political Science, University Lüneburg

Prof. Dr. Claus Leggewie, Director, Institute for Advanced Study in the Humanities in Essen (KWI)

16:00–16:30 Coffee Break

16:30–17:45 **PANEL DISCUSSION: WHY CULTURE MATTERS – CLIMATE CHANGE IS CULTURAL CHANGE**

Chair: Prof. Dr. Harald Welzer, Institute for Advanced Study in the Humanities in Essen (KWI)

Introduction and Conference Synopsis

Prof. Dr. Wolfgang Sachs, Project Director, Wuppertal Institute for Climate, Environment and Energy and former Intergovernmental Panel on Climate Change (IPCC) lead author

Panel

Prof. Dr. Tobias Debiel, Director, Institute for Development and Peace (INEF), University of Duisburg-Essen

Prof. Dr. Claus Leggewie, Director, Institute for Advanced Study in the Humanities in Essen (KWI)

Dr. Hermann E. Ott, Head Berlin Office, Wuppertal Institute for Climate, Environment and Energy

Michael Werz, Edmund A. Walsh School of Foreign Service, Georgetown University Washington DC

Jun.-Prof. Dr. Cornel Zwiwerlein, Department of History, Environmental History, Ruhr-University Bochum

17:45–18:15 Break

18:15–20:00 **PANEL AND CONFERENCE CLOSING: ROAD CONDITIONS ON THE TRANSATLANTIC CLIMATE BRIDGE**

The closing event will highlight and discuss the future of the transatlantic climate bridge and the roadmap beyond Copenhagen.

Chair: Prof. Dr. David Held, Co-Director, Centre for the Study of Global Governance, London School of Economics (LSE)

Welcome

Dr. Bernhard Lorentz, President, Stiftung Mercator

ROUNDTABLE

Opening Address

Sigmar Gabriel, German Federal Minister for the Environment

Keynotes

William J. Antholis, Managing Director, The Brookings Institution

Prof. Lord Anthony Giddens, Former Director of the London School of Economics (LSE)

Thomas Kleine-Brockhoff, Senior Director for Policy Programs, German Marshall Fund

John Podesta, President and CEO, Center for American Progress

Conference Closing

Prof. Dr. Claus Leggewie, Director, Institute for Advanced Study in the Humanities in Essen (KWI)

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