



# Bonn Symposium 2010

New Sources of Energy -  
New Conflicts?  
Rules and Strategies for a Global  
Access to Renewable Energies



# Programme

1 - 2 December 2010

Haus der Geschichte and Deutsche Welle, Bonn



## Patronage:

**Dr Anantha Duraiappah**  
Executive Director, International Human Dimensions Programme  
for Global Environmental Change (IHDP), Bonn

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## Context

How can a global change towards energy supply drawing on reduced carbon emissions be realised? How shall the supply of alternative energy resources on the regional and global level be regulated? These are key questions concerning the preservation of our all livelihood – globally, nationally and locally.

The path towards sustainable development is closely linked to a more economical use of energy and the expansion of energy production using renewable energy forms. There is already a variety of technologies available for the extraction and the use of renewable energy, such as bio, solar and geothermal energy as well as wind and hydro power. Their increasing importance is being illustrated by the foundation of the International Renewable Energy Agency (IRENA).

Yet the technical feasibility is just *one* aspect of future energy supply. The development of renewable energy resources also asks for a reconciliation of interests and political regulation. Out of new dependencies a need for transnational cooperation could emerge. In the light of new large-scale projects the question could arise how distribution and access could be organised and regulated in the most equitable way.

Nonetheless, old discrepancies regarding fair and ecologically clean development conditions can come up again. Bio fuel may sooth one's ecologic conscience, but elsewhere it can detract precious crop land that would otherwise be used for food production. Renewable energy can in one place be subsidized, but elsewhere it represents a costly technology and therefore inefficient resource. Some critical voices from developing and emerging countries already suspect new obstacles towards an equitable global economy behind the requirements concerning emission reduction installed by the core industrialized states. Is there a threat for a new division between poor and rich countries, this time concerning the access to clean energy, literally a *Renewables Gap*?

The **Bonn Symposium 2010 „New Sources of Energy – New Conflict?“** on 1 / 2 December 2010 therefore addresses the question of rules and strategies for a fair and sustainable energy supply.

On the eve of the first day a public podium discussion will broach the political issue of a just access to sustainable energy on a global scale. Pre-events will include the film “The 4<sup>th</sup> Revolution – Energy Autonomy”. After the podium discussion the Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) and the University of Applied Sciences Bonn-Rhein-Sieg will award the Bonn Study Award for Sustainable Development.

The expert conference on the second day is supposed to outline objectives, rules and strategies for a just and sustainable future energy supply. Based on a survey of current energy demand, of resources and scheduled large-scale-projects, the potentials and political implications of green-energy-projects shall be highlighted by means of a few case examples. This is followed by a consideration of cornerstones for a global 21<sup>st</sup> century energy regime.

**Wednesday, 1 December 2010**

## **PUBLIC EVENT**

Moderator: **Conny Czymoch**

18.00 h Welcome

**Angelica Maria Kappel**

Mayor of the Federal City of Bonn

**Professor Janos J. Bogardi**

Member of the Board of Trustees

Development and Peace Foundation (SEF), Bonn

International Greeting

**Adnan Amin**

Interim Director-General of IRENA, Abu Dhabi

### **Panel discussion**

#### **New Sources of Energy - New Conflicts?**

- Key questions:
- Is there a threat of new transnational dependencies or even conflicts deriving from the development of renewable energy sources?
  - How can potential new dependencies be transformed into more beneficial cooperation for all sides?
  - How can a sustainable, safe and equitable energy supply be achieved on the global level, without compromising other livelihoods?
  - How should energy regulation look like in the future?

18.15 h Opening Speech

**Dr Anantha Duraiappah**

Executive Director

International Human Dimensions Programme on  
Global Environmental Change (IHDP), Bonn

18.40 h Discussion round

**Dr Anantha Duraiappah**

Executive Director

IHDP, Bonn

**Mahama Kappiah**

Executive Director

ECOWAS Regional Centre for Renewable Energy and Energy Efficiency, Cape Verde

**Harald Neitzel**

Deputy Head of Division

Cooperation with OECD Member States;

International and EU Affairs "Renewable Energies"

Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, Berlin

**Ernst Rauch**

Head of Corporate Climate Center

Munich Reinsurance Company

20.00 h

## **Bonn Study Award for Sustainable Development**

Award ceremony held by Deutsche Gesellschaft für Technische  
Zusammenarbeit (GTZ) / University of Applied Sciences Bonn-Rhein-Sieg

Moderated Talk with

**Awardees**

**Professor Hartmut Ihne**, President, University of Applied Sciences Bonn-Rhein-Sieg

**Professor Wiltrud Terlau**, University of Applied Sciences Bonn-Rhein-Sieg

Followed by **Reception by the City of Bonn**

Thursday, 2 December 2010

## INTERNATIONAL EXPERT CONFERENCE

Board room, Deutsche Welle, Bonn

Moderator: Conny Czymoch

From 08.00 h **Registration**

09.00 h Welcome

**Ralf Nolting**

CEO

Deutsche Welle Media Services, Bonn

**Dr Gerd Harms**

Deputy Chair of the Executive Committee

Development and Peace Foundation (SEF), Bonn

### I. **Energy Demands, Energy Resources, Energy Projects**

German / English

#### **Regional Distribution in a New Energy Age**

- Key questions:
- How will the demand for energy and its regional distribution evolve in the 21st century?
  - How will the energy resources and their regional distribution evolve in the 21st century?
  - What kind of projects for the development of renewable energies are planned? What kind of projects are imaginable?
  - What kind of consequences will result from this for global energy supply and for energy consumption?

09.15 h Moderated Talk

**Dr Paolo Frankl**

Head of Renewable Energy Division

International Energy Agency (IEA), Paris

**Dr Ibrahim Togola**

Director

Mali-Folkecenter (MFC), Bamako, Mali

**Dr Kirsten Westpfahl**

Researcher at the Global Issues Division

German Institute for International and Security Affairs (SWP), Berlin

10.00 h Plenary Discussion

11.00 h **Coffee Break**

## II. Green Energy in Practice

### Potentials and Political Challenges

German or English

11.30 h Case Studies in Parallel Working Groups - organized by partners

Key questions:

- Workshop I – English  
Renewable Energies in Crisis Regions:  
Challenges and Lessons learnt in Afghanistan  
*KfW Entwicklungsbank*
- Workshop II – English  
Desertec and Transgreen:  
How to implement the visions in a conflict-laden environment?  
*Institut für Energieforschung (Jülich)*
- Workshop III – German  
Ein neuer Ressourcenfluch durch grüne Energie?  
*Wuppertal Institut für Klima, Umwelt und Energie*
- Workshop IV – German  
CCS – Brückentechnologie, trügerische Hoffnung oder notwendiges Verfahren für industrielle Prozesse?  
*Germanwatch*
- Workshop V – German  
Erneuerbare Energien für Afrika  
*Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ)*

13.00 h **Lunch**

14.00 h Discussion among working groups-presentation of results by rapporteurs

### III. Towards a 21st Century Global Energy Regime?

German / English

#### Rules and Strategies for an Equitable Access to Sustainable Energy

15.00 h Cornerstones for a sustainable 21st century energy regime:  
Theses to the Bonn Symposium 2010

**Professor Manfred Fischedick**

Vice President

Wuppertal Institute for Climate, Environment and Energy

Key questions:

- How can a fair access to sustainable energy forms be assured on the global level?
- What kind of instruments and institutions does the future energy market need and on which levels?
- Do we need a global energy regime at all? If yes, how should it look like and how can it be accomplished?

15.15 h Moderated Talk

**Professor Manfred Fischedick**

Vice President

Wuppertal Institute for Climate, Environment and Energy

**Professor Xuewu Gu**

Director

Center for Global Studies (CGS), Bonn

**Adnan Amin**

Interim Director-General

IRENA, Abu Dhabi

**Franz Marré**

Head of Division

Federal Ministry for Economic Cooperation and Development (BMZ), Bonn

16.15 h Plenary Discussion

17.00 h Closing remarks by organisers