On behalf of BMZ Federal Ministry for Economic Cooperation and Development

Adapt to Climate Change Newsletter

News on adaptation to climate change from and for the development community.
From the GIZ Climate Protection Programme on behalf of BMZ.
With contributions from KfW and DIE.

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December 2011

Dear reader,

As we prepare the last edition of the newsletter for this year, COP 17 in Durban and its protracted finale are still very fresh in our minds. All of us who witnessed the summit were quite relieved when it did – two days after the scheduled end – finally yield the agreement of a second commitment period of the Kyoto Protocol, a roadmap for a universal legal agreement, and the Green Climate Fund.

As in recent summits, adaptation to climate change received ever increasing attention: governments agreed to establish an Adaptation Committee and decided on guidelines for the formulation of National Adaptation Plans. It has also become obvious that 'bottom up' and bilateral approaches can achieve a great deal and add momentum to the international process. Encouraging things are happening at country level in Mexico, South Africa and Indonesia, to name just a few. As the new head of the GIZ Competence Centre for Climate Change, I am glad I had the opportunity to see this.

Other special topics in this newsletter include insights from Christiane Textor from the German IPCC Coordination Office on the newly published IPCC Special Report that looks at disaster risk management and adaptation. Annette Windmeisser of BMZ´s Climate Policy and Climate Financing division provides an update on the Pilot Program for Climate Resilience.

I hope you enjoy reading this newsletter and wish you all the best for 2012!

Vera Scholz
Competence Centre for Climate Change
Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

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Job offers

In this section you can find current job offers in adaptation to climate change.

GIZ programme manager in Mexico (ID 8898): www.gtz.de/en/....

GIZ expert in Mexico (ID 8596): www.gtz.de/en/....

GIZ expert in Ecuador (ID 8605): www.gtz.de/en/....

GIZ junior professional in Eschborn, Germany (ID 8644): www.gtz.de/en/....

Upcoming events

- **26 and 27 March 2012, Bonn, Germany:** 'International Workshop: Climate change adaptation – a case for business. Getting climate adaptation on corporate business agendas.' Organised by GIZ on behalf of BMZ as part of the programme for the Bonn Perspectives. Further information at: www.bonn-perspectives.de/home.html

People in adaptation

- **Dr Philipp Magiera** has taken over the lead of the 'Climate-Sensitive Flood Management' programme in the Lower Mekong Basin in Laos. Before, he

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In focus

By Dr Christiane Textor, German IPCC Coordination Office

New IPCC Special Report: Extreme events

The Intergovernmental Panel on Climate Change (IPCC) issued its Special Report on 'Managing the Risks of Extreme Events and Disasters to Advance Climate Change Adaptation' (SREX) in November 2011. It is the work of an international team of 220 experts who have assessed current knowledge about climate science, climate change impacts, adaptation, and disaster risk management. The SREX provides information about the climatic, environmental, and human factors that can lead to disasters. Read more...

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By Dr Annette Windmeisser, Climate Policy and Climate Financing Division, BMZ

A brief update on the Pilot Program for Climate Resilience (PPCR)

Climate change can stall poverty reduction and reverse achievements in human development. Adaptation to climate change must therefore be integrated into poverty reduction strategies and national development planning. In order to address the need for additional financial assistance, Climate Investment Funds (CIFs), including the Special Climate Fund (SCF), were established to help pilot climate-resilient development. The governance structure of their respective Trust Fund Committees establishes equal representation of donor and partner countries, with decisions being taken unanimously. Read more...

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Adaptation policy and finance

COP 17: Roadmap for global climate agreement decided

In the early hours of 11 December, the UN Climate Change Conference in Durban, South Africa, concluded with the adoption of the 'Durban Platform,' a roadmap for a global climate agreement. A new group called the Ad Hoc Working Group on the Durban Platform for Enhanced Action will start working on a universal legal agreement to be adopted by 2015 and implemented from 2020. Until then, the Kyoto Protocol will remain in force: governments agreed on a second commitment period starting in 2013.

During the conference, progress was made on many issues related to adaptation. The Adaptation Committee, designed to improve the coordination of adaptation activities on a global scale, has been established and will become fully operational in 2012. Furthermore, governments have started to make voluntary pledges for the start-up of the Green Climate Fund.

The next UNFCCC Climate Change Conference will take place in Qatar in 2012.

Further information is available at:

- http://unfccc.int/meetings/durban_nov_2011/meeting/6245.php

worked as a Priority Area Manager in the GIZ's Water, Energy and Transport department in Eschborn.

- **Anja Waldraff** is a new junior advisor in the 'Climate-Sensitive Flood Management' programme in the Lower Mekong Basin in Laos. Until recently she worked for the GIZ water programme in Algeria.

- **Susanne Schwan** , who previously worked as an intern and consultant for the GIZ Climate Change Taskforce, has joined BMZ's Young Professional Program. For the next 9 months, she will work for the GIZ project 'Climate Change Adaptation in Rural Areas of India'.

Recent publications

- **'Adaptation to climate change with a focus on rural areas and India.'** Published by GIZ India. October 2011. Download (PDF, 5.9 MB)

- **'Adaptation to climate change. Cooperation with developing countries – climate and development.'** Published by KfW Entwicklungsbank and DEG (Deutsche Investitions- und Entwicklungsgesellschaft). June 2011. Download (PDF, 1.7 MB)

- **'Responsibility for climate and development. Cooperation with developing countries.'** Published by KfW Entwicklungsbank. September 2011. Download (PDF, 377 kB)

- **'Innovative climate finance - examples from the UNEP Bilateral**

COP 17: Adaptation Committee established

Climate negotiators at the UNFCCC Climate Change Conference in Durban have agreed to operationalise the Adaptation Committee. The role of this committee, which was part of the Cancun Adaptation Framework, is to promote enhanced action on adaptation in a coherent manner. It will bring together approaches and experiences under and outside of the Convention and make recommendations for strengthening adaptation activities. The Adaptation Committee is composed of 16 members and will report to the COP on its efforts to improve the coordination on adaptation on a global scale. The EU is represented by the Netherlands and Austria. A three-year working programme will be forwarded to the next COP. The Adaptation Committee is a technical body, with meetings scheduled at least twice a year. If required, it can establish working groups.

Further information at:

- http://unfccc.int/files/meetings/durban_nov_2011/... (Outcome of the work of the Ad Hoc Working Group on Long-term Cooperative Action under the Convention, Download (PDF, 400 kB))

COP 17: National Adaptation Plans

One of the results of COP 17 was that adaptive capacities, particularly those of the poorest and most vulnerable countries, are to be strengthened. National Adaptation Plans (NAPs) will allow developing countries to assess and reduce their vulnerability to climate change, and to integrate adaptation into relevant planning.

In Durban, governments adopted initial guidelines for the formulation of National Adaptation Plans by least developed country parties. Apart from National Adaptation Programmes of Action (NAPAs), they will support national processes designed to improve strategic orientation, effectiveness and integration of adaptation into planning processes. Support will be given through existing instruments of the Convention, such as the expertise of the Least Developed Countries Expert Group. Relevant bodies, including regional organisations and development cooperation agencies, are invited to contribute to this process.

Further information at:

- http://unfccc.int/files/meetings/durban_nov_2011/... (Draft decision on National Adaptation Plans, Download (PDF, 148 kB))

COP 17: Green Climate Fund launched

In Durban, the Green Climate Fund was launched. The conference welcomed the report of the Transitional Committee for the design of the fund and approved a governing instrument that establishes operational procedures. The Fund will have different thematic funding windows, initially for mitigation and adaptation, with balanced allocation of resources, as well as a private sector facility. Recipient countries can access resources either directly, through national implementing entities, or via accredited international entities. The fund will be governed by a Board composed of an equal number of members from developing and developed country Parties. To ensure the functioning of the Green Climate Fund, the COP invites Parties to express interest in hosting it and submit their nominations for members of the Board. Germany has already announced it will prepare an application.

Finance Institutions Climate Change Working Group (BFI CCWG).' Published by UNEP. 2011. Download (PDF, 848 kB)

- **'Bilateral finance institutions and climate change - a mapping of public financial flows for mitigation and adaptation to developing countries in 2010.'** Published by UNEP. Download (PDF, 608 kB)

- **'World in transition. A social contract for sustainability.'** Published by the German Advisory Council on Global Change (WBGU). 2011. Download (PDF, 4.8 MB)

- **'The Adaptation Fund of the Kyoto Protocol: A model for financing adaptation to climate change?'.** Horstmann, Britta and Chandani-Abeysinghe, Achala (2011): Climate Law 2(3): 1-23. Available upon request from climate@giz.de.

Previous issues

Browse previous issues of GIZ's climate adaptation newsletter.

For 2012 and 2013, Germany will provide EUR 40 million to facilitate the fund's start-up phase. The text of the decision on the launch of the Green Climate Fund can be downloaded at:

- http://unfccc.int/files/meetings/durban_nov_2011/... (Draft decision on Green Climate Fund, Download (PDF, 188 kB))

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News from German development organisations

By Roberto Duarte, GIZ

Peru: Adapting biodiversity-based value chains

What are the local impacts of global climate change, and what can be done to support the adaptation of biodiversity-based value chains? In Peru, research is carried out in order to sustain commercially successful species, such as sacha inchi (Plukenetia volubilis L) in the San Martín region, cacao (Theobroma cacao) in Piura and San Martín, tara (Caesalpinia spinosa) in Cajamarca and algarrobo (Prosopis pallida) in Piura.

The PeruBiodiverso project is funded by the Economic Cooperation and Development Division at the Swiss State Secretariat for Economic Affairs (SECO) and GIZ´s Sustainable Rural Development Programme on behalf of BMZ. PeruBiodiverso provides support to undergraduate and postgraduate students working on dissertations. It also cooperates with Peruvian research centres to identify and assess effective adaptation measures.

In the case of the tara shrub, anomalous temperature patterns in some locations have fostered the emergence of three types of pest that affect productivity and quality and therefore reduce the income of producers. Currently, parasites that were identified as biological pest control agents are being used by one large producer association.

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By Roberto Duarte, GIZ

Peru: Update on National Climate Change Strategy

One important tool for tackling the challenges set out in Peru´s Second National Communication on Climate Change to the UNFCCC (May 2010) is the National Climate Change Strategy (ENCC). The ENCC was developed in 2002 and had not been updated since then, despite the creation of new policy tools and wide-ranging changes in the institutional set up of Peru´s environmental sector. The Peruvian Ministry of the Environment (MINAM), with the technical support of GIZ, therefore started work on updating it earlier this year.
This participatory process included workshops in different regions of Peru and incorporated contributions from different sectors and subnational governments, as well as civil society actors.
The current version of the ENCC sets out seven strategic objectives designed to guide all policies and activities to be developed in the field of mitigation and adaptation to climate change in Peru.

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By Claudia Cordero, GIZ

Bolivia: Cooperation of GIZ and SDC

In Bolivia, GIZ implements PROAGRO: a sustainable agricultural development programme on behalf of BMZ. PROAGRO is developing a tool that integrates disaster risk reduction and climate change adaptation into planning, implementation and evaluation of government-financed irrigation projects. The programme cooperates with Bolivia's Vice-Ministry of Water Resources and Irrigation as well as the Swiss Agency for Development and Cooperation (SDC).
In view of Bolivia´s high susceptibility to climate change impacts and disasters, the overall aim is to safeguard public investments in food security and irrigation infrastructure and to guarantee their sustainability. Based on SDC´s Climate and Disaster Risk Reduction Check, the modified instrument consists of two modules. The first is a climate and disaster risk checklist, while the second analyses the relationship between project strategies and climate risks, guiding the user towards adaptation options, capacity development needs and a cost-benefit evaluation.

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Methods and approaches

By Elisabeth van den Akker and Barbara Gerhager, GIZ

Knowledge platform: Effective water use for food security

GIZ is currently designing a multilingual web-based and publicly accessible knowledge platform that provides best practice examples and lessons learnt in the field of effective water use for food security in climate change. Creating the platform relies on local and international expertise of practitioners, scientists, politicians and representatives of the private sector worldwide, and on cooperation with interested organisations. GIZ welcomes input from experts and partners during the development process. To stay informed, please join the agriwater mailing list (email felix.zeiske@giz.de).

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Training courses and workshops

By Gerhard Lichtenthaeler, GIZ

Second Arab Water Forum: Water scarcity and adaptation

The Second Arab Water Forum took place from 20-23 November in Cairo, Egypt. GIZ participated on behalf of the German Federal Ministry for Economic Cooperation and Development (BMZ). Over 400 water professionals, academics and water policy-makers from the Arab region and beyond discussed this year´s main theme: water scarcity and adaptation to climate change.
GIZ's regional programme 'Adaptation to Climate Change in the Water Sector in the MENA Region' held two sessions: The first was opened by Dr Djamel Eddinne Djaballah, Minister for Environment, Housing, Water and Sustainable Development at the Arab League. Following a presentation of the regional programme by coordinator Dr Matthias Bartels, participants discussed issues such as integrated watershed management, water reuse in agriculture,

transnational measures for climate change adaptation, flood risk and sector master planning.
In the second session, 'From Theory to Practice', Dr Hinnerk Ries of the Climate Service Center in Hamburg presented an overview of known climate models and anticipated scenarios for the MENA region. Mufleh al-Abbadi of IUCN gave practical examples of how to involve civil society and strengthen its adaptive capacity. Dr Anne Chaponniere of GIZ Tunisia offered insights for climate change adaptation in the MENA region. The session culminated in a panel discussion with representatives of the UN Economic and Social Commission for Western Asia (ESCWA) in Lebanon and KfW in Egypt.

Documentation will soon be available at:

- www.arabwatercouncil.org/

By Nadia Manasfi and Gwendolin Aschmann, GIZ

International Workshop: Putting knowledge into action

The project 'Inventory of Methods for Adaptation to Climate Change' is being implemented jointly by GIZ and the Potsdam Institute for Climate Impact Research on behalf of the International Climate Initiative (ICI) of the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU). The first international workshop of the project was held in Durban, South Africa from 24-26 November 2011. It brought together practitioners and researchers from the project's partner countries (Indonesia, Mexico, Philippines, Tunisia and South Africa) as well as international experts. It aimed at exchanging knowledge and experience in the field of decision support related to adaptation to climate change, both from a scientific and an application-oriented perspective. Four focal topics for future interaction were identified: mainstreaming adaptation into development planning at different levels, monitoring and evaluation of adaptation, using climate data, and assessing vulnerability. Participants expressed a strong interest in continuing the learning and exchange that started during the workshop. A community of practice was set up to this end.

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By Annkathrin Tempel, GIZ

Panel discussion: 'The 100 billion dollar question'

What is the future of international climate finance, and how will it influence international cooperation? This question was debated in a panel discussion at GIZ in Eschborn on 31 October 2011. Panellists included Caio Koch-Weser, Vice Chairman of Deutsche Bank, Dr Manfred Konukiewitz, Deputy Head of Department at BMZ, as well as Dr Norbert Kloppenburg and Dr Christoph Beier, board members of KfW and GIZ. They agreed on the importance of leveraging private-sector finance to upscale climate protection and adaptation in developing countries and emerging economies: activities which should be embedded in national adaptation or mitigation strategies. Considering the envisaged volume of international climate finance – 100 billion dollar annually beginning in 2020 – the speakers emphasized that capacity development and national climate finance institutions will become increasingly important.

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