



# **Adaptation *in* Post 2012 Architecture**

**ADAM Workshop –  
*Developing Countries' Perspectives for Global  
Cooperation***

**25 – 26 February 2008  
New Delhi**

---

**Authors: Dr. Saleemul Huq, IIED and Dr. Mozaharul Alam, BCAS**

## Background ...

- UNFCCC - the only international institution with mandate for climate change action in present and future regime
- Objective - stabilize GHG concentrations in the atmosphere at a level that would prevent dangerous anthropogenic interference with the climate system
- concentration should be achieved within a timeframe sufficient to allow ecosystems to adapt naturally
- Kyoto Protocol - first legally binding instrument for Annex 1 with reduction targets of 5.2 per cent below the 1990 level by 2008–2012

## Political and Scientific Challenges...

- Kyoto Protocol is not effective with compromises already made
- Major world emitters has withdrawn from the treaty
- Increasing emission trend shows lack of commitment
  - GHG inventory of Annex I parties shows by 2002 their emissions had increased 8.4 per cent over the 1990 level (UNFCCC 2006)
- IPCC rise in temperature (0.74°C in 100 years)
  - Projected to increase by another 1.8 to 4.0°C in next 100 years

*... thus there is a need for effective responses to deal with climate change beyond the first commitment period widely known as beyond 2012 climate regime*

## Need for Adaptation in Post 2012...

- There are increased evidence of impacts
- There is lack of effectiveness of existing response measures
- The gradual increase of carbon dioxide in the atmosphere
  - will cause frequent hot extremes, heat waves, and heavy precipitation
  - tropical cyclones will become more intense with larger wind speeds

*... Warming of the climate system is unequivocal, as is now evident from observations of increases in global average air and ocean temperatures, widespread melting of snow and ice, and rising global mean sea level*

The background features a muted, sepia-toned landscape. In the upper half, a range of mountains is visible, with a prominent peak on the right. In the lower right corner, a branch of a willow tree hangs down, adorned with small, dark, round buds. The overall aesthetic is minimalist and naturalistic.

**Pre-Bali**

***adaptation in Post 2012***

---

## Processes - *adaptation & Post 2012 ...*

- Convention and KP
  - Dialogue on long term cooperative action
    - advancing development goals in a sustainable way
    - concrete actions for development goals and market based opportunities
- South North Dialogue by Ott et al
  - recommends large part of funding and mechanisms for addressing adaptation
- Three track proposal of CAN
  - advocates to assist most vulnerable counties and industrialized countries bear the responsibility of assistance
- Contraction and Convergence by Meyer & GCI, UK
  - the proposal is based on concept on equity for survival
- Gleangles Plan of Action by UK Presidency of G8
  - focuses on managing the impact of climate change by integrating the development planning and resilience strategies

## Long term Vision and Interdependence...

- Global temperature should be kept below 2 degree centigrade pre industrial levels
- GHG emissions need to peak in 10 to 15 years and then decline
- Keep GHG concentration level between 450 and 550 ppm of carbon dioxide equivalent
- Mainstreaming into decision making process including macro-economic planning and insurance

# International Cooperation and Response Mechanism...

- Capacity Building should be built under the UNFCCC
- Nairobi Work Plan of the SBSTA provides a solid foundation for action on adaptation
- Close relation with development
  - Parties need to remain open to new innovative options with and outside Convention
- Examine the role of multi-lateral and regional organisations, private sector, aid agencies and civil society

## Mainstreaming Adaptation ...

- GHG mitigation coupled with adaptation measures – to integrate into broader sustainable development objectives
- integration of climate information into planning efforts to mainstreaming adaptation into important decision-making processes
- Develop necessary support mechanisms for implementation of adaptation as integral part of the development
  - like need assessment tools; individual and institutional capacity; increasing public funding; availability of the necessary technological solutions

# Sustained Funding ...

- Assistance and compensation funded by industrialized countries
  - mandatory contribution by developed countries
- Widening levies to other existing and future GHG reduction mechanisms
  - Adaptation funds under the Kyoto Protocol must charge levy on EU-ETS, JI and CDM
  - levy or charge on shares of proceeds from credits should be considerably higher

## Risk Transfer and Incentives ...

- incentives for risk-sharing mechanism were emphasised by Africa Submissions
  - multilateral funding leverages the resources of the (re)insurance industry
  - Innovative risk transfer mechanism also suggested by other group outside the convention including dialogue on north south equity.

---

## Technology Transfer ...

- important to build up and share available technologies, information and policy experiences
  - Priority should be given to truly necessary measures while making the most of existing frameworks and expertise
-

The background features a stylized, muted landscape. In the upper half, there are silhouettes of mountain peaks against a light, textured background. On the right side, a dark, thin branch of a willow tree hangs down, adorned with small, dark, round buds. The overall color palette is monochromatic, consisting of various shades of beige, tan, and grey.

**Bali Road Map**  
***adaptation in Post 2012***

## Enhanced Action on adaptation ...

- Operationalisation of Adaptation Fund
- International cooperation to support urgent implementation of adaptation actions
  - vulnerability assessments, prioritisation of action, financial needs assessments, capacity-building and response strategies, etc...
- Enhanced adaptation action
  - through risk management and risk reduction strategies including risk sharing and transfer mechanisms such as insurance, etc...
- Catalytic role of the Convention
  - encouraging multilateral bodies, the public and private sectors and civil society in building on synergies

## Post Bali – adaptation in Post 2012 ...

- Setting GHG Reduction Target
  - global mean temperature should not increase from 2.0 to 2.4 and corresponding peaking year for CO<sub>2</sub> should be 2000-2015
- Setting Adaptation Measures and Action
  - develop vulnerability index to identify scale of specific needs and actions
  - urgent and immediate adaptation needs of developing countries to be dealt in ongoing agenda items
- Agree on Required Financial Resources
  - find different ways and means to improve access to adequate and sustainable financial and technical
- Increase absorption of South
  - developing country needs adequate capacity to design adaptation projects and mainstream into development to utilize funds under adaptation



*Thank you*

for more information contact

Dr. Saleemul Huq, IIED and Dr. Mozaharul Alam,  
BCAS

---