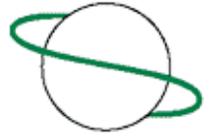


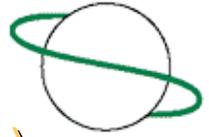
GEF Support to Adaptation

By Bonizella Biagini
Program Manager
Climate Change Adaptation
Global Environment Facility
February 2007



GEF operations in response to UNFCCC guidance on adaptation

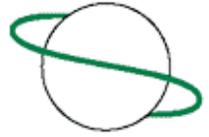
- Staged approach (COP1, COP4): Preparation
 - ⇒ Enabling Activities
(funds for V&A assessments and capacity building from support for National Communications)
- New guidance: Implementation
 - ⇒ Strategic Priority on Adaptation (SPA) Trust Fund
 - ⇒ LDC Fund (UNFCCC)
 - ⇒ SCCF Fund (UNFCCC)
 - \$230 M (currently available for adaptation/pledges)
 - ⇒ Adaptation Fund under discussion (Kyoto Protocol)



Implementation: GEF Trust Fund “Piloting an Operational Approach to Adaptation” (SPA)

Projects will: *“Show how adaptation planning and assessment can be practically translated into projects that will provide real benefits”*

- \$50 million allocation => after an evaluation of the pilot the program will evolve
- GEF council request for global benefits
- Policy guidelines – GEF Assistance to Address Adaptation
- SPA operational guidelines

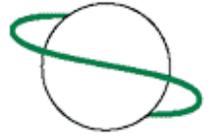


GEF Trust Fund-supported Projects (SPA)

Implementing Agency: World Bank

Approved Projects (WP)

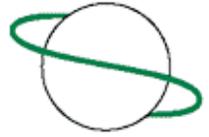
- **Kiribati** Adaptation Program (GEF \$1.5 M)
- Integrated National Adaptation Pilot: High Mountain Ecosystems, **Colombia**'s Caribbean Insular Areas, and Human Health (GEF \$4M)
- Implementation of Pilot Adaptation Measures in coastal areas of Dominica, St. Lucia and St. Vincent & the Grenadines, Regional **Caribbean** (GEF \$1.9M)



GEF Trust Fund -supported projects (SPA)

Implementing Agency: UNDP

- Approved (WP)
 - Community-Based Adaptation Program (Global, pilot in **Bangladesh, Bolivia, Niger and Samoa**) (GEF \$5M)
 - Responding to Shoreline Change UNDP (Regional, West Africa, countries include: **Senegal, Gambia, Guinea Bissau, Mauritania, Cape Verde**) (GEF \$4M)
- MSPs
 - Lake Balaton, **Hungary** (GEF \$1 M)
 - Adaptation Learning Mechanism (Knowledge Management initiative), **global** – pilot in Asia (GEF \$1 M)

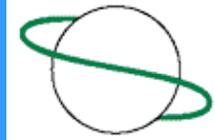


Projects: GEF-supported Adaptation Pipeline (SPA) Implementing Agency: UNEP

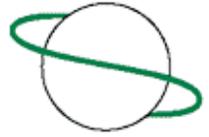
- MSP
 - Integrating Vulnerability and Adaptation to Climate Change into Sustainable Development Policy Planning and Implementation in **Southern and Eastern Africa** (GEF \$1M)

Climate Change New funds

LDCF and SCCF: focus on development

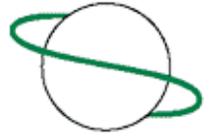


- ***Least Developed Countries Fund***
implementation of NAPAs (*urgent and immediate needs*)
- ***Special Climate Change Fund***
(a) top priority: adaptation
Areas: *Water, land management, agriculture, health, infrastructure development, fragile ecosystems, integrated coastal zone management, disaster risk management and prevention*
=> Complementarity of the funds



Additional COST

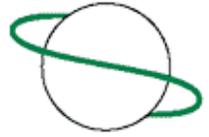
- The **adverse impacts** of climate change impose an **additional cost** on vulnerable countries to achieve their **development goals**
- The new funds will support the additional cost of activities that reduce vulnerability and increase adaptive capacity to facilitate the transition towards climate-resilient development



How to calculate the additional cost?

Two options:

1. Using a **sliding scale as a shortcut** (agreed % of baseline and additional costs)
2. **Additional cost reasoning** (explaining what are the baseline costs and the additional costs)



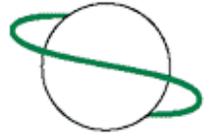
Status of the new funds

LDCF

- Existing resources, including pledges: **\$115 million**
- The LDCF has supported the preparation of NAPAs in 44 LDCs and will support NAPA implementation

SCCF

- Total resources, including pledges: **\$60 million**
- \$34 million already programmed in projects on the ground
=> **About \$90 million mobilized in the last 12 months**



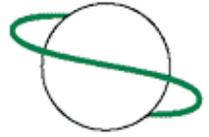
Different features

GEF TRUST FUND

- Incremental cost
- Global benefits
- RAF
- Co-financing

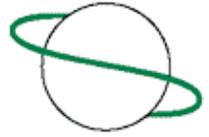
New FUNDS

- Additional cost
- Sliding scale (optional)
- NO RAF
- NO Global benefits
- Different approach to co-financing



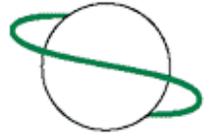
SCCF work program – first projects

- Kenya Adaptation to Climate Change in Arid Lands (KACCAL) (WB) => \$6.2M
- Guyana Conservancy Adaptation Project (WB) => \$5M
- 3 projects: Coping with Drought and Climate Change in Ethiopia, Mozambique and Zimbabwe (UNDP)
=> SCCF \$1M each
- Mainstreaming Climate Change in Integrated Water Resources Management in Pangani River Basin (UNDP) Tanzania
=> SCCF \$1 M



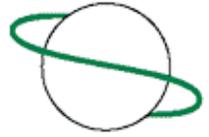
SCCF pipeline – first projects

- Adaptation to climate change through Effective Water Governance in Ecuador (UNDP) => SCCF \$3 M
- Adaptation to climate change and health: Barbados and Fiji (low-lying), Uzbekistan and Jordan (desert/desert-fringe), Bhutan, Kenya and China (highland) (UNDP/WHO) => SCCF \$6 M
- Implementation of Pilot Climate Change Adaptation Measures in the Andean Region (WB) Bolivia, Ecuador, Peru => SCCF \$6.7 M
- Climate-Resilience Development and Adaptation India (UNDP) => SCCF \$4M
- Protection of Environmental Services of Coastal Wetlands in the Gulf of Mexico (WB) => SCCF \$4.8 M
- Pacific Islands Adaptation to Climate Change Project (PACC) Regional (Cook Islands, Micronesia, Fiji, Nauru, Papua New Guinea, Samoa, Solomon Islands, Tonga, Tuvalu, Vanuatu) (UNDP) => SCCF \$11.5 M



LDCF: Projects submitted for NAPA Implementation

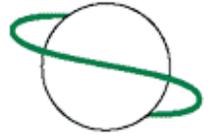
- **Bhutan:** Reduce climate change-induced risks and vulnerabilities from glacial lake outbursts in the Punakha-Wangdi and Chamkhar Valleys (UNDP) => LDCF \$3.5M
- **Bangladesh:** Community based adaptation to climate change through coastal afforestation (UNDP) => LDCF \$3M
- **Malawi** under preparation (African Development Bank)



Challenges and Opportunities

How to integrate adaptation measures into development

- How to estimate the costs of adaptation
- More information and data are needed
- There are many existing good practices and indigenous knowledge to cope with current climate stresses
- However => there is enough knowledge and expertise on the ground to start implementing adaptation



Thank you

GEF Website

www.thegef.org

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