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Support for assessments to identify mitigation priorities by Global Environment Facility (GEF)

Presented at:
UNFCCC Workshop
on
Nationally Appropriate Mitigation Actions (NAMAs)
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GEF Overview

- GEF has invested approx. \$3 billion in climate change in over 150 countries
 - Mitigation and adaptation projects and programmes
 - Enabling activities: Technology Needs Assessments (TNAs) and National Communications (NCs)
- Record replenishment level was achieved for GEF-5 (2010-2014)
 - \$4.34 billion total
 - \$1.4 billion for climate change mitigation
- GEF climate change strategy is guided by 3 principles:
 - Responsiveness to Convention guidance
 - Consideration of national circumstances of recipient countries
 - Cost-effectiveness in achieving global environmental benefits
- GEF is an Operating Entity of the Financial Mechanism of UNFCCC

Climate Change Mitigation

Strategic Goal and Objectives for GEF-5

Goal: Support developing countries and economies in transition toward a low-carbon development path

- SO1: Demonstration, deployment, and transfer of innovative low-carbon technologies
- SO2: Market transformation for energy efficiency in industry and the building sector
- SO3: Investment in renewable energy technologies
- SO4: Energy efficient, low-carbon transport and urban systems
- SO5: Conservation and enhancement of carbon stocks through sustainable management of land use and forestry
- SO6: Enabling activities and capacity building



SO6: Enabling activities and capacity building

Up to GEF-4:

- Supported more than 150 non-Annex I parties to prepare their NCs to UNFCCC
- Funded TNAs in more than 90 countries; allocated resources for up to 45 eligible countries to prepare or update their TNAs as part of the Poznan Strategic Program on Technology Transfer

In GEF-5:

- GEF is receptive to support NAMAs and NAMA-related activities
- GEF is also ready to support additional NCs, and TNAs as appropriate



GEF's engagement to support assessments to
identify mitigation priorities

An example of Brazil:

Mitigation Options of Greenhouse Gas (GHG) Emissions in Key Sectors in Brazil



Mitigation Options in Key Sectors in Brazil: Project Overview

- Approved under GEF-4 as Enabling Activity
- Goal:
 - To assist the Government of Brazil to **strengthen its technical capacity** in supporting the implementation of its mitigation actions for greenhouse gas emissions in key economic sectors in Brazil as identified in the Brazilian National Policy and Plan on Climate Change
 - To **provide the necessary data** to help developing actions related to climate change actions in Brazil.
- Budget: \$4.18 million GEF grant, \$11.9 million co-financing
- GEF Agency: UNEP
- Executing partner: Ministry of Science and Technology in



Mitigation Options in Key Sectors in Brazil: Project Components

- **Component 1:** Establishment of three long-range emission scenarios for Brazil
 - BAU, sectoral crediting baseline, own ambitious targets, from 2010 up to 2050
- **Component 2:** Identification of mitigation options, cost and efficiency opportunities for specific sectors
 - includes mitigation options that are additional to the overall expected reduction of GHG announced by Brazil at COP 15
- **Component 3:** Testing domestic MRV: evaluation of estimated reduction of GHG emissions with the increased use of bio-fuels in Brazil

What GEF can support under GEF-5?

1. Identify long-range emission scenarios
 - ✓ BAU, sectoral crediting baseline, ambitious targets
2. Identify mitigation opportunities and costs
 - ✓ Low hanging fruits achieved by unilateral efforts, plus opportunities which may need additional international financing and support
3. Develop MRV methodologies to be applied to one/several sectors and pilot MRV activities
4. Optional component: pilot testing of sectoral approach

Basic steps
towards NAMAs

- ✓ NAMA development could focus on specific sector/sectors, facilitating the development of sectoral goals and funding proposals
- ✓ Pilot testing could also serve as an entry point to potential future carbon finance, i.e., sectoral crediting

How to Finance enabling Activities such as NAMAs?

- Using STAR Allocation at the national level
- Utilizing GEF Climate Change focal area set-aside for enabling activities
- Building on GEF Agency initiatives as baseline projects



Thank you very much

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