

Opportunities to Support Low Emission Development Strategies



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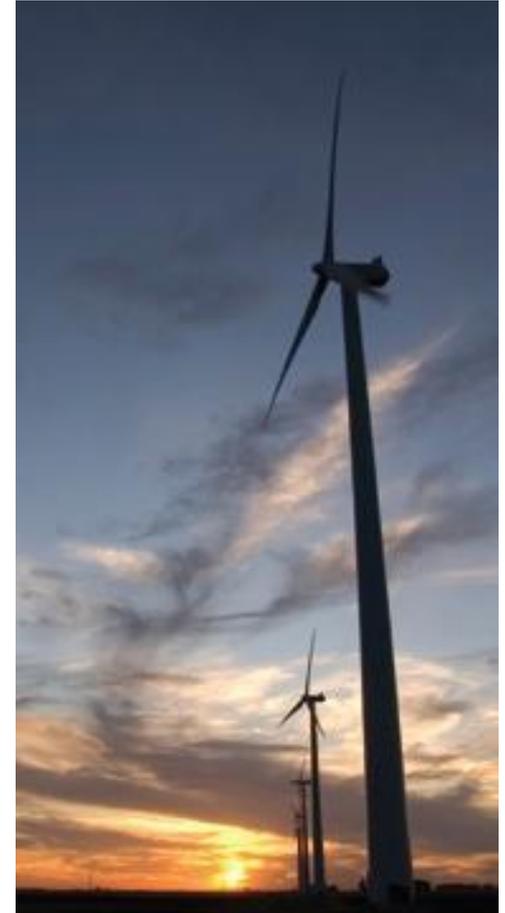
Climate Change Financing under the GEF Trust Fund

- GEF Trust Fund has invested about \$3 billion in over 150 countries
 - Mitigation
 - Adaptation
 - Technology Needs Assessments
 - National Communications to the UNFCCC
- Largest multilateral public-sector technology transfer mechanism
 - Financed demonstration, deployment, diffusion, and transfer of more than 45 environmentally sound technologies



Roles of the GEF in Climate Change Financing

- Catalytic
 - Leveraged more than \$18 billion in co-financing on its \$3 billion of investments
- Innovative
 - Leader in financing new, emerging low-carbon technologies (FCB, CSP, etc.)
 - Pioneer in supporting market-based approaches (e.g., ESCOs) and innovative financial instruments
- Cost-effective
 - Over 2.5 billion tonnes of CO₂ avoided
 - Amounts to slightly over \$1/tonnes CO₂



Poznan Strategic Program on Technology Transfer

- Support for Technology Needs Assessments
 - Support 35-45 countries (in addition to 90+ TNAs previously supported)
- Support for Technology Transfer Pilot Projects
 - 14 pilot projects under development and implementation
- Dissemination of successfully demonstrated technologies and know-how



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Strategic Objectives for GEF-5

Climate change

- 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



Strategic Objectives for GEF-5 Climate change (continued)

- Sustainable Forest Management/Reducing Emissions from Deforestation and Degradation-plus Incentive Mechanism (SFM/REDDplus)
 - Investments from at least 2 GEF focal areas to capture synergies of multiple benefits
 - Focal areas are climate (forest carbon - \$100 million), biodiversity, and land degradation
 - Extra \$1 available for every \$3 in core focal areas, for project investments between \$2million and \$30 million for SFM activities including national forest inventories and MRV
- GEF funding \$250 million, so funding target is \$1 billion



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Guiding Principles for GEF-5 Strategy

- Responsiveness to Convention guidance
- Consideration of national circumstances of recipient countries
- Cost-effectiveness in achieving global environmental benefits



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GEF Activities that Support LEDS

- Project funding is key for implementation of LEDS
 - GEF funding supports not only mitigation (including LULUCF, REDD+, and MRV) but also adaptation, bio-diversity, land degradation, POPs, ODS, and international waters
- Other Supporting Activities
 - National Communications and Nationally Appropriate Mitigation Actions
 - Technology Needs Assessments
 - Technology Transfer Portfolio and follow-on activities
 - National Portfolio Formulation Exercise (new under GEF-5)
 - Private sector engagement
 - Analytical tools and methodologies developed by GEF and its Science and Technology Advisory Panel (STAP)
 - Projects database, web-site, and other knowledge management tools



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Additional Slides on Technology Transfer



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Poznan Strategic Program on Technology Transfer under the UNFCCC

GEF's Role in Technology Transfer

- ✓ GEF is the only multilateral institution that has financed technology transfer under COP guidance
- ✓ GEF was given the mandate from the COP on technology transfer (COP decision 2/CP.14)

Poznan Strategic Program on Technology Transfer: welcomed by COP14

1. To *promptly initiate and expeditiously facilitate the preparation of projects for approval and implementation* under the strategic program... to help developing countries address their needs for environmentally sound technologies;
2. To collaborate with its implementing agencies in order to provide technical support to developing countries in *preparing or updating*, as appropriate, their *technology needs assessments* using the updated handbook for conducting TNAs for climate change published by UNDP, to be made available in early 2009 in collaboration with the EGTT, the UNFCCC Secretariat and the Climate Technology Initiative; and
3. To consider the *long-term implementation of the strategic program*



Snapshot of Poznan Progress

Funding level

- ✓ \$35 million from GEF Trust Fund
- ✓ \$15 million from Special Climate Change Fund (SCCF)

Support for Technology Transfer Pilot Projects

- ✓ 14 projects were selected for support in 2009
- ✓ Their implementation is ongoing

Support for Technology Needs Assessments

- ✓ Project was approved in 2009
- ✓ 15 first round countries were selected in 2010, and second round country selection is underway
- ✓ Country-level assessment is ongoing

Long-Term Program on Technology Transfer

- ✓ Program with 5 elements was developed and submitted to UNFCCC COP 16
- ✓ GEF Council approved the suggested Program



Publication on Poznan Program (GEF, 2010)
downloadable from:
<http://www.thegef.org/gef/node/3856>



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Long-Term Implementation of Poznan Strategic Program

- COP Decision:
 - To consider the long-term implementation of the strategic program
 - To report on the progress made to COP16.... with a view to assessing its progress and future direction in order to help inform Parties in their consideration of long-term needs for implementation of the strategic program
- Progress:
 - A program with 5 elements has been proposed
 - If agreed by the COP, the GEF is ready to establish and implement such plan to further scale up EST investments
 - It is included in the GEF COP 16 report on Poznan Program to UNFCCC
 - It has been approved by the GEF Council



Long-Term Implementation of Poznan Strategic Program

5 elements submitted to COP16:

1. Support Climate Technology Centres and a Climate Technology Network: at global, regional, national levels. Activities may involve technical assistance, training, information sharing, knowledge management, taking into account the specific functions as reflected in UNFCCC discussions
2. Conduct Pilot Priority Technology Projects to Foster Innovation and Investments: (a) to demonstrate innovative technologies; and (b) to support deployment and diffusion to catalyze investments, for mitigation & adaptation
3. Develop a Public-Private Partnership for Technology Transfer: to facilitate private sector engagement in technology transfer to support innovative financial instruments or business models for technology deployment
4. Support Technology Needs Assessments (TNAs): to target low- and medium-income countries to carry out and/or update their TNAs
5. GEF as a Catalytic Supporting Institution for Technology Transfer

The above are in accordance with GEF-5 climate change strategy

They may be implemented to support the Technology Mechanism agreed in Cancun

