

GEF SUPPORT FOR TECHNOLOGY NEEDS ASSESSMENTS

UNFCCC side event:
Linkages between TNAs and NDCs
June 21, 2019 Bonn, Germany

COP decision 2/CP.14 welcomed the Poznan Strategic Program on Technology Transfer and requested the GEF:

- 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;
- 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
- To consider the ***long-term implementation of the strategic program...***
- ***To report on the progress made in carrying out the activities of above 1-3 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

COP Guidance to the GEF on Technology Transfer Program

COP13 request to elaborate long-term strategic program

2008

COP 14 welcomes PSP, requests GEF to consider long-term implementation of the strategic program

2009

COP 16 establishes Technology Mechanism and terminates EGTT

2011

SB34 invites the GEF to report on PSP

2012

SBI 36 requests GEF Agencies to provide updates on experiences and lessons learned

2017

SBI 45 encourages the GEF to share mid-term reports from tech pilots

GEF-3

GEF-4

GEF-5

GEF-6

Funded an initial round of TNAs as “top-ups” to national communications in more than 90 countries.

Supported ESTs and enabling activities, including TNA

Global TNA project approved, 14 pilots prioritized

2nd phase global TNA project approved

Continue funding preparation/updating of TNAs

Continued support for technology transfer and TNAs

3rd phase global TNA project approved

GEF TNA GLOBAL SUPPORT PROJECT



TNA Phase I

- \$9m from SCCF-B
- Support for 36 countries
- Approved by GEF Council April 2009
- CEO endorsed Sept 2009
- **STATUS:** Implementation Oct. 2009- April 2013

- Provided targeted technical and financial support to assist countries in developing/ updating TNAs and TAPs
- Utilizes methodologies in the updated TNA Handbook to provide feedback to fine-tune methodologies through an iterative process

Lessons learned

- **Good project design**
- **Executing arrangements matter**
- **Support for regional institutions**
- **Strong country ownership**
- **Perception counts**

TNA Phase II

- Total financing \$6.1m CCM Global Set aside
- Support for 28 countries
- Approved by GEF Council April 2013
- CEO endorsed Aug 2014
- **STATUS:** Project implementation began Nov. 2014

Component 1: In depth analysis of the actual market and trade barriers; assessment of the policy, institutional and finance options to overcome these barriers.

Component 2: Preparation of TNAs and TAPs through improved training and material

National training

**Peer-to-Peer
Inter-country workshops**

**National roundtable for
TNA/TAP**



TNA Phase III

- Support for 23 SIDS and LDCs
- Approved by GEF Council in June 2016, CEO endorsed March 2018
- Total financing \$5.9m CCM Global Set aside
- Current status: Implementation to Start



TNA Phase IV

- Support for 15 SIDS and LDCs
- Approved by GEF Council in June 2019
- Total financing \$4.4m
CCM EA set aside



GEF PROGRAMMING FOR TECHNOLOGY

Dedicated programming objectives under both Adaptation and Mitigation focal areas

Objective 1. Promote innovation and technology transfer for sustainable energy breakthroughs

115. In GEF-7, partnership with the private to promote technology transfer and deployment will be a key priority. Technology is key area for the UNFCCC and in Article 10 of the Paris Agreement, and is one of the key means to reduce, or slow the growth in GHG emissions, and to stabilize their concentrations. To that end, technology innovation with the private sector can help create or expand markets for products and services, generating jobs and supporting economic growth. Supportive policies and strategies are fundamental to catalyze innovation and technology transfer for mitigation and enhance private sector investment. Resources from the GEF play a key role in piloting emerging innovative solutions, including technologies, management practices, supportive policies and strategies, and financial tools which foster private sector engagement for technology and innovation.

Objective 1: Reduce Vulnerability and Increase Resilience through Innovation and Technology Transfer for Climate Change Adaptation

47. The importance of technology transfer is recognized in Article 10 of the Paris Agreement, which states “Parties share a long-term vision on the importance of fully realizing technology development and transfer in order to improve resilience to climate change and to reduce greenhouse gas emissions.” Technology and innovation are engines of sustainable growth by building resilience of basic infrastructure, reducing vulnerability of communities, creating job opportunities, and expanding markets for goods and services.

SUPPORT FOR TECHNOLOGY IN GEF 7

- ❑ GEF-7 Programming Directions approved June 2018, with \$850 million for CC mitigation in GEF-7, and set aside resources of \$110 million for enabling activities and \$18 million for global and regional initiative.
- ❑ Country allocations to deliver on the key climate change mitigation priorities, including technology transfer.
- ❑ The GEF will continue to support developing countries in undertaking technology needs assessments (TNA) and piloting priority technology projects to foster innovation and investment through CCM.
- ❑ Support for TNA will also be made eligible for SIDS and LDCs under CCM set aside.
- ❑ CCM projects will continue to be required to demonstrate alignment to national priorities including in national climate strategies and plans, including TNAs

THANK YOU!



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