



GLOBAL ENVIRONMENT FACILITY
INVESTING IN OUR PLANET

GEF Support to Technology Transfer

TEC 24

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Support for Technology Transfer in GEF-7 (2018-2022)

- GEF-7 replenishment package adopted in June 2018; total replenishment package \$4.1billion. GEF-8 replenishment currently under negotiation.
- Climate change mitigation funding envelope at \$802million, set aside for \$291 million to finance EAs, CBIT, Integrated Programming (Impact Programs) and **Regional/Global projects** (\$18million).
- Country allocations deliver on the key climate change mitigation priorities, including technology transfer.
- Climate adaptation strategy integrates technology into strategy and recognizes technology transfer and innovation are key enablers of sustainable development for LDCs.
- The GEF continues to support developing countries in undertaking TNA and piloting priority technology projects to foster innovation and investment through CCM. Set aside support for TNA continues to be available for SIDS and LDCs.
- Projects continue to be **country driven** and required to demonstrate alignment to national priorities including in national climate strategies and plans, as well as TNAs.

GEF-7 Programming Support for Technology

Dedicated programming objectives under both Adaptation and Mitigation focal areas

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.

GEF-7 Programming Support 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.

GEF Support for Technology in Fiscal Year 2021

- The GEF approved **1 program and 17 projects** with technology transfer elements for CCM amounting to \$106.9 million in GEF funding, leveraging \$1,790.9 million in co-financing;
- **18** adaptation projects approved with **\$91.2 million**, leveraging \$260.4 million in co-financing.
- In addition, 4th Phase of Global TNA Support Project under implementation supporting **17 LDCs and SIDS** with **\$5 million** (total support for more than 90 countries in developing TNAs and TAPs).

Detailed information available in [FY21 GEF report to COP26](#)

What is the Poznan Strategic Programme on technology transfer?

Poznan Strategic Programme - Background

- **2007.** COP requested GEF to establish a pilot programme promoting investment in technology transfer, to help developing countries address their climate tech needs.
- **2008.** GEF established the pilot Poznan strategic programme (PSP) with funding of USD 50 million.
- **2010.** GEF outlined elements of long-term implementation of PSP pilot:
 1. Climate technology centres and climate technology network
 2. Piloting technology projects
 3. Public-private partnership for technology transfer
 4. Technology needs assessments
 5. GEF as catalytic supporting institution for technology transfer

Long-term PSP elements integrated into GEF-6 (2014-18) and GEF-7 (2018-22) Strategies

Poznan Strategic Programme - Highlights

➤ **Climate technology centres and climate technology network**

- 4 regional tech centres: Africa (AfDB), Asia and Pacific (ADB/UNEP), Eastern Europe and Central Asia (EBRD), Latin American and Caribbean (IDB).
- GEF also supported one global Climate Technology Centre and Network project.
- Status: 4 completed, 1 extended

➤ **Technology Needs Assessments (TNA)**

- 4 Phases of TNA Global project funded with ~\$27million in > 90 countries.

➤ **Piloting technology projects**

- 14 pilot projects ,supporting tech transfer on:
- *Mitigation techs*: renewable energy, energy efficiency, transport, and composting.
- *Adaptation techs*: membrane drip irrigation, flood -and drought-resistant crops, sustainable land management practices.
- Status: 9 completed, 2 extended, 3 cancelled

Project Example: Global Cleantech Innovation Programme (GCIP-2)

- **Objective:** To foster private sector initiative, entrepreneurship and engagement to accelerate the uptake of and investment in innovative cleantech solutions at scale
- Global Programme and 10 national projects: Cambodia, Indonesia, Kazakhstan, Moldova, Morocco, Nigeria, South Africa, Turkey, Uruguay and Ukraine.

Project Example:

Promoting Cleantech Innovation for Climate Action in Senegal

The objective of the project is to strengthen and connect the cleantech entrepreneurship ecosystem by:

- identifying and nurturing early-stage cleantech innovations into fast-growing, scalable and investable enterprises;
- strengthening the capacities of national institutions and other ecosystem players and connecting them; and
- supporting national policy makers to strengthen the policy framework to support cleantech SMEs.

The project will connect to the **GEF Global Cleantech Innovation Program (GCIP)**.

Program Example:

Challenge Program for Adaptation Innovation

- Aims to promote **innovation** and **private sector engagement** in adaptation technologies and techniques by supporting sustainable **innovation** ecosystems for MSMEs;
- First call for concepts in August 2019 for **\$10 million** in GEF support;
- **388** concepts submitted, **9 selected**. As of March 2022, all 9 projects have been CEO approved. One project approved with CTCN as an executing agency –“Piloting innovative financing for climate adaptation technologies in medium-sized cities”
- Second Call for concepts in August 2021:
 - **\$10 million** in GEF support from the LDCF and SCCF;
 - **408** concepts submitted, **10 selected**.

Strong potential to effectively address unmet needs for climate change adaptation innovation and attract unconventional partners.

Complementarity in Climate Finance and Long-Term Vision

- The GEF and the GCF have jointly defined a [Long-term Vision \(LTV\) on Complementarity, Coherence and Collaboration](#) between the two institutions to continue strengthening their response and enhancing the planning, implementation and outcomes of their investments.
- The two entities are also exploring opportunities to collaborate on specific projects or programs, including on technology transfer, and to further expand the portfolio of countries that could receive coordinated financial support through either parallel or sequential financing.

Looking ahead...

- [DRAFT GEF-8 Programming Directions](#) under negotiation;
- 4th GEF-8 negotiation meeting to take place on April 7-8, 2022.
- GEF-8 start date July 2022.
- [DRAFT Programming Strategy on Adaptation to Climate Change](#) under negotiations and taking place in parallel to the GEF-8 negotiations;
- The upcoming GEF-8 and Adaptation Programming Strategies create **new opportunities for innovative ideas on the technology transfer sphere.**

Thank you!

Please email with any questions at

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