

GEF SUPPORT TO TECHNOLOGY DEVELOPMENT AND TRANSFER

CTCN 26th Meeting



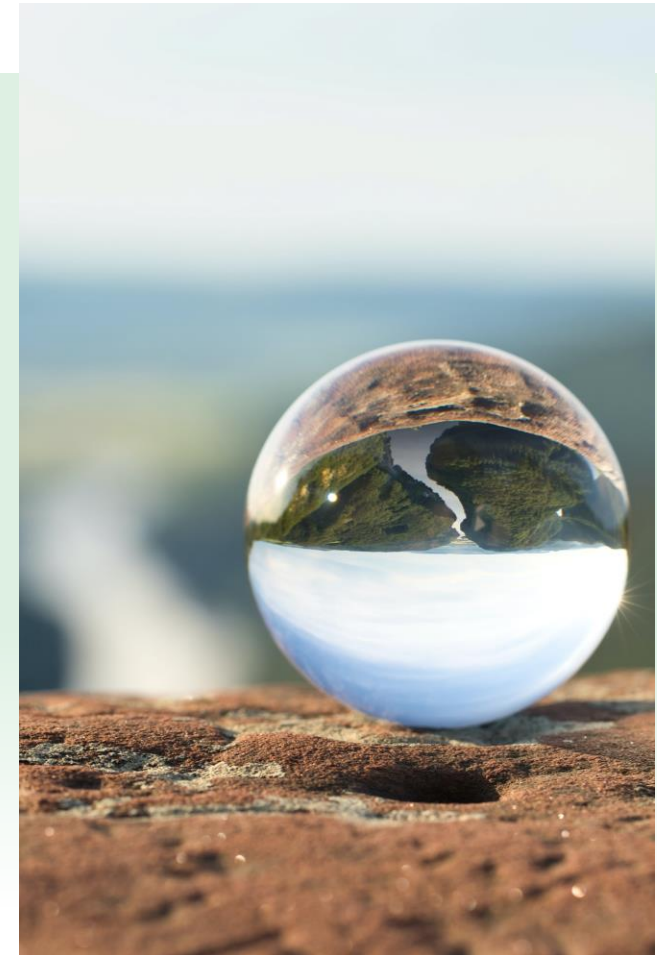
global
environment
facility
INVESTING IN OUR PLANET

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September 2025

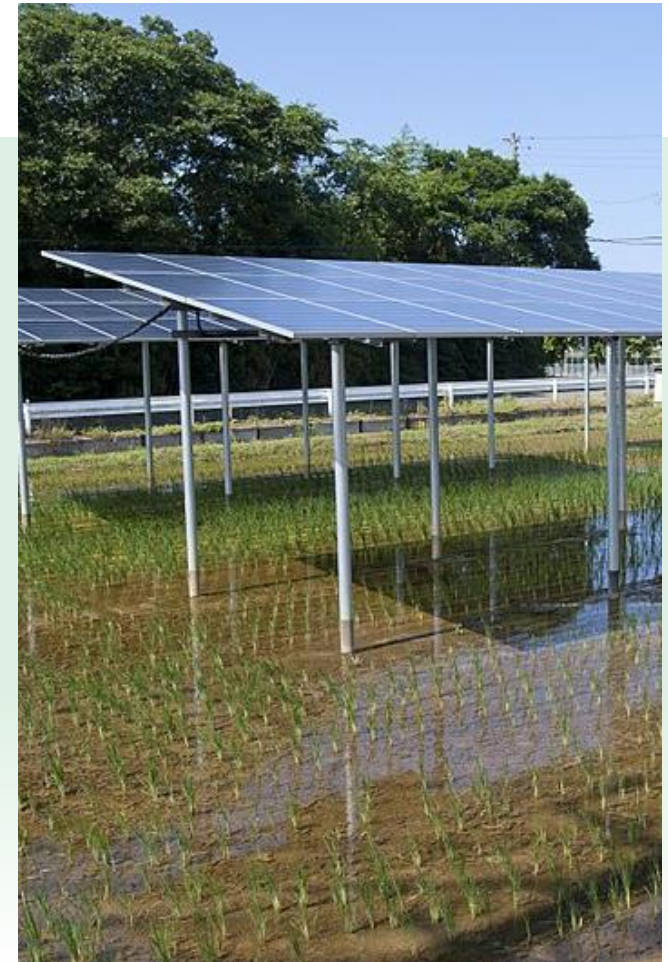
GEF Support to Climate Technologies

- Cross-cutting priority to the GEF Family of Funds since its **establishment**.
- More than **US\$ 4,000 million** resources channeled to climate technologies since GEF's inception.



Support to Climate Technologies under GEF-8 Family of Funds

- Technology transfer continue to be at the **core of the programming directions**.
- Dedicated programming objectives under both climate change mitigation and adaptation.
- Projects continue to be **country driven** and required to demonstrate alignment to national priorities, including in national climate strategies and plans.



Climate Change Mitigation

Objective:

Support developing countries to make transformational shifts towards net-zero GHG emissions and climate-resilient development pathways.

Pillars:

1. Promote innovation, **technology development and transfer**, and enabling policies for mitigation options with systemic impacts
2. Foster enabling conditions to mainstream mitigation concerns into sustainable development strategies



Energy & Materials Efficiency



Decarbonized power systems



Zero-emission Mobility Scale-up



Nature-based Solutions

Recent GEF-8 Support to CCM Technologies

In the June 2025 Work Program, 3 projects were approved with **\$25.3 million in GEF funding**, and \$190.9 million in co-financing.

- **Burundi: Rural Electrification for Community Well-being.** GEF financing: \$5.3 million; Co-financing: \$23.3 million
- **Dominica: Geothermal Risk Mitigation II Project: Additional Financing and Guarantee.** GEF financing: \$12.5 million; Co-financing: \$123.8 million
- **Philippines: Greening of the cement and construction industry.** GEF financing: \$7.5 million; Co-financing: \$43.8 million

Climate Change Adaptation

**Technology transfer
is a priority of both
the LDCF and SCCF
for 2022-2026**

LDCF PRIORITY AREA 2

Strengthening innovation and private sector engagement

- *Technology transfer and innovation*
- *MSME incubation and acceleration*
- *Inclusive microfinance*
- *Risk sharing to catalyze private investment*
- *Enabling private sector action*



SCCF PRIORITY AREA 2

Strengthening innovation, technology transfer and private sector engagement

- *Technology transfer, deployment and innovation*
- *Blending and de-risking to catalyze private investment*
- *Microfinance for climate resilient transitions*
- *Insurance for climate risks*
- *Regional/global projects*



LDCF & SCCF Support to CCA Technologies

Since the approval of the GEF-8 LDCF and SCCF Strategy (2022-2026), 15 projects have been approved totaling **\$177.7 million, and leveraging \$857.9 million in co-financing** in LDCs and SIDS in the following areas:

- Climate information services and early warning systems.
- Climate resilient agriculture value chain- improved farm management techniques, efficient irrigation, water harvesting solutions, climate tolerant varieties, access to market information, data application, etc.
- Fintech solutions for climate adaptation and resilience.
- Support to adaptation MSMEs in developing innovative adaptation solutions in agriculture, water, ecotourism, fisheries, climate services and others.
- Private sector-led strategic innovative projects through Challenge Program for Adaptation Innovation.
- CSOs and community-led innovative adaptation technology solutions through the Inclusive Assembly Challenge Program.

Other Support (I)

The GEF continues to explore opportunities for further collaboration in support of technology development and transfer with the TEC and CTCN, as consistent with national priorities and based on country demand.

- For instance, NDEs are invited to participate in GEF National Dialogues
- In addition, the CTCN is a member of the Steering Committee for some TNA projects.

Other Support (II)

➤ **GEF Innovation Window**

In May 2024 the GEF launched an Innovation Window with \$12 million of GEF financing. Specific consideration was given to five areas of innovation, including technological innovation.

AgroWeb3 powered by LACChain: Market Access Window (European Union Deforestation Regulation Compliance)


Compliance tool for the EU Deforestation Regulation (EUDR). This tool will combine satellite-based monitoring with blockchain technology to support smallholder farmers in maintaining compliance, competitiveness, and sustainability.

GEF Report to COP30

GEF Report to UNFCCC COP30



Date: August 4, 2025

Downloads 

 [GEF Report to UNFCCC COP30: July 2024 - June 2025](#)

<https://www.thegef.org/documents/gef-report-unfccc-cop30>

Looking ahead

DRAFT GEF-9 Programming Strategy on Climate Change Mitigation
under negotiation;

- 2nd GEF-9 negotiation meeting to take place October 2025.
- GEF-9 start date July 2026.

DRAFT LDCF/SCCF Programming Strategy on Climate Change Adaptation under negotiations and taking place in parallel to the GEF-9 negotiations;

The upcoming Mitigation and Adaptation Programming Strategies create **new opportunities for innovative ideas on the technology transfer sphere.**

THANK YOU!

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