



GLOBAL ENVIRONMENT FACILITY  
INVESTING IN OUR PLANET

# GEF Support to Technology Transfer

TEC 25

September 6-9, 2022

# Index

- ✓ Support for Technology Transfer in GEF-8 (2022-2026)
- ✓ Support for Technology Transfer in GEF-7 (2018-2022)
- ✓ Poznan Strategic Programme (PSP): Background and Highlights
- ✓ Looking Ahead

# Support for Technology Transfer in GEF-8 (2022-2026)



- GEF-8 record replenishment of \$5.33 billion.
- Technology transfer continue to be at the core of the programming directions for GEF-8.
- Dedicated programming objectives under both climate change mitigation and adaptation focal areas.
- 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.

# Support for Technology Transfer in GEF-8 (2022-2026)



## Climate Change Mitigation

- 33% increase in Climate Mitigation Focal Area support from GEF-7
- First pillar of the GEF-8 climate change focal area investment: “**Promote innovation, technology development and transfer**, and enabling policies for mitigation options with systemic impacts”.
- Country allocations deliver on the key climate change mitigation priorities, including technology transfer.

# Support for Technology Transfer in GEF-8 (2022-2026)



## Climate Change Adaptation

- Support to technology transfer will continue to be a priority of both the LDCF and SCCF
- Priority area 2 of the SCCF programming strategy focuses on **“Strengthening Technology Transfer, Innovation and Private Sector Engagement”**.
- The LDCF and SCCF will continue to explore areas of collaboration with the CTCN, as consistent with national priorities and based on countries’ requests

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



## Climate Change Mitigation

- Dedicated programming objectives on technology transfer.
- **49 programs and projects with technology transfer objectives or element were approved, with \$338.8 million in GEF funding, and \$4,801.6 million in co-financing.**

## GEF-7 Project Example:

Accelerating Low-carbon Circular Economy Through  
Cleantech Innovation Towards Sustainable  
Development in Pakistan

The project focuses aims at developing innovative cleantech solutions and business model ideas by:

- providing direct support to early stage cleantech SMEs to enhance the capacity and competitiveness for business growth
- providing entrepreneurial skills and business growth support; and
- leveraging market opportunities embedded in climate change mitigation.

The project will also increase the institutional capacity of key national players, as well as regional and local institutions, to engage in cleantech acceleration and commercialization in Pakistan.

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



## Climate Change Adaptation

- Climate adaptation strategy integrates technology into strategy and recognizes technology transfer and innovation are key enablers of sustainable development for LDCs.
- **80 projects with technology transfer objectives approved under GEF-7, totaling \$376.4 million, and leveraged \$1,604.7 million in co-financing.**



## GEF-7 Program Example:

Co-management of Climate Extremes for Agriculture Resilience via Innovative Technologies for Irrigation in Sao Tome and Príncipe

- This project promotes innovative technologies and co-management of drought, flood, and water depletion for irrigation as a means to increase the resilience of the farming systems in two districts São Tomé and Príncipe.
- The project will introduce water resource management technologies and solutions to address water-related climate risks, including technologies that are new to the country.

# Poznan Strategic Programme

## 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

## ➤ **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: 3 completed, 3 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

Looking ahead...

The new GEF-8 programming strategies on climate change mitigation and adaptation create **new opportunities for innovative ideas on the technology transfer sphere.**

Detailed information on GEF support to technology transfer available in the

**[GEF report to COP27](#)**

# Thank you!

Please email with any questions at

[pmarcoshuidobro@thegef.org](mailto:pmarcoshuidobro@thegef.org)



**GLOBAL ENVIRONMENT FACILITY**  
INVESTING IN OUR PLANET