

25  
years | gef

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## **GEF's Supporting Activities and Technology Transfer**

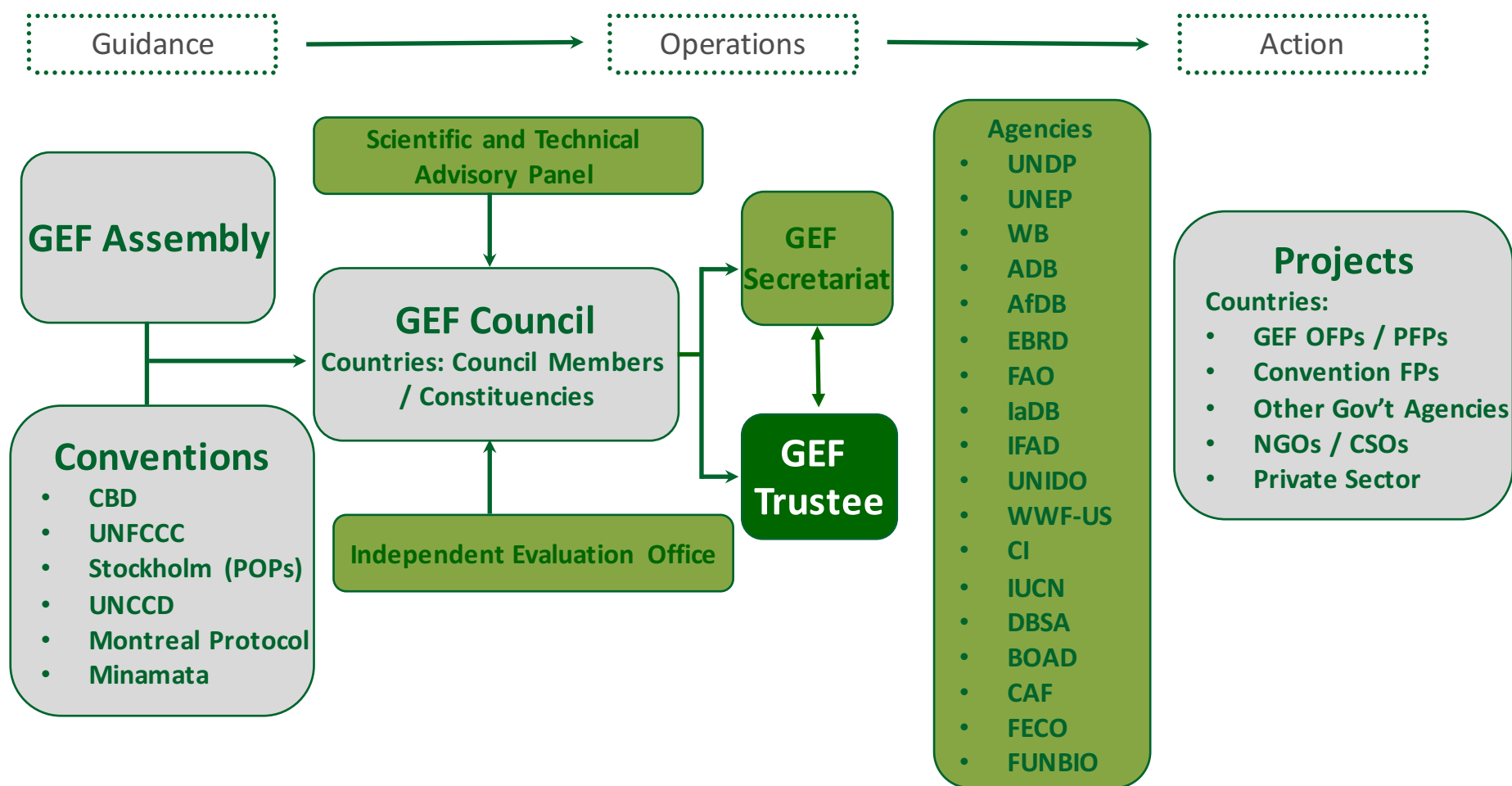
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# What is the Global Environment Facility?

- The Global Environment Facility is a partnership for international cooperation where 183 countries work together with international institutions, civil society organizations and the private sector, to address global environmental issues.
- Since 1991, the GEF has provided \$14.5 billion in grants and leveraged \$75.4 billion in co-financing for nearly 4,000 projects in 167 developing countries. For 25 years, developed and developing countries alike have provided these funds to support activities related to **biodiversity, climate change, international waters, land degradation, and chemicals and waste** in the context of development projects and programs.

# GEF Governance and Structure



# GEF Support for Climate Change at a Glance

## *Technology transfer: key theme since GEF establishment*

- ✓ Mitigation Portfolio (1991 – June 2016)
  - Total 836 projects
  - \$5.2 billion GEF grant, \$45.2 billion co-financing
  - Energy efficiency, renewables, urban/transport, AFOLU
  - Policy, piloting, de-risking, finance, capacity...
- ✓ Adaptation Portfolio (2001 – June 2016)
  - Over 300 projects
  - \$1.5 billion from LDCF/SCCF
  - Resilience of rural livelihoods, reducing vulnerability of physical assets and natural system
- ✓ Technology Needs Assessment



# GEF-6 Climate Change Mitigation Strategy: Goal and Objectives

1. Facilitating innovation & technology transfer

Goal: To support developing countries to make transformational shifts towards low emission, resilient development path

2. Catalyzing systemic impacts through synergistic multi-focal initiatives

3. Building on Convention obligations for reporting & assessments towards mainstreaming

# GEF-6 Climate Change Mitigation Strategy: Objectives and Programs

**Objective 1: Promote  
innovation &  
technology transfer**

**1. Low carbon  
technologies and  
mitigation  
options**

**2 . Innovative  
policy packages  
and market  
initiatives**

**Objective 2:  
Demonstrate systemic  
impacts of mitigation  
options**

**3. Integrated  
low-carbon,  
urban systems**

**4. Forests and  
other land use,  
and climate  
smart agriculture**

**Objective 3: Foster  
enabling conditions to  
mainstream mitigation  
concerns into SD  
strategies**

**5. Convention  
obligations for  
planning and  
mitigation  
contributions**

# Adaptation Programming Strategy: Goal & Objectives

Goal: Increase resilience to the adverse impacts of climate change in vulnerable developing countries, through both near- and long-term adaptation measures in affected sectors, areas and communities; leading to a reduction of expected socio-economic losses associated with climate change and variability.

1) Reduce the vulnerability of people, livelihoods, physical assets and natural systems

2) Strengthen institutional and technical capacities

3) Integrate climate change adaptation into relevant policies, plans and associated processes

# Adaptation Programming Strategy: Objectives and thematic areas

**Objective 1: Reduce vulnerability** of people, livelihoods, physical assets and natural systems



**Objective 2: Strengthen institutional and technical capacities**



**Objective 3: Integrate climate change adaptation** into relevant policies, plans and associated processes



- Natural resources management
- Health
- Agriculture and food security
- Water resources management
- Coastal zone management

- Infrastructure
- Disaster risk management
- Climate information services
- Climate-resilient urban systems
- Small Island Developing States



# Intervention Models of the GEF



- **Early policy lock-in and regulatory reform**
- **Demonstrating innovative technologies and business models**
- **Strengthening institutional capacity and decision-making processes**
- **Building multi-stakeholder alliances**
- **De-risking partner**

# Recent Progress from 2014

## Supporting policies and strategies, financial/institutional mechanisms to accelerate technology innovation and update

- 45 Mitigation projects with technology transfer objectives
  - \$401 million GEF support
  - \$10.9 billion co-financing
- 22 Adaptation with technology transfer objectives
  - \$230 million LDCF/SCCF
  - \$1 billion co-financing

Ain Beni Mathar: Morocco's first concentrated solar (CSP) power - thermal plant, GEF supported from 1999



# COP Guidance on Technology Transfer and Response

## ✓ Poznan Program Elements:

- 1) TNAs
- 2) Piloting priority Technology projects linked to TNAs
- 3) Dissemination of GEF experience and successfully demonstrated environmentally sound technologies (ESTs)

## ✓ Long-term implementation of Poznan Program:

- 1) Support Climate Technology Centres and a Climate Technology Network:
- 2) Conduct Pilot Technology Projects to Foster Innovation and Investments:
- 3) Develop a Public-Private Partnership for Technology Transfer:
- 4) Support TNAs
- 5) GEF as a Catalytic Supporting Institution for Technology Transfer

## ✓ GEF continues to report Poznan progress to COP, and attend TEC and Advisory Board meeting of CTCN as needed.

# Regional Climate Technology Centers

- “Pilot Asia-Pacific Climate Technology Network and Finance Center” by the ADB and UNEP
- “Climate Technology Transfer Mechanisms and Networks in Latin America and the Caribbean” by the IDB
- “Pilot African Climate Technology Finance Center and Network” by the AfDB
- “Finance and Technology Transfer Centre for Climate Change – FINTECC” by the EBRD
- “Promoting Accelerated Transfer and Scaled-up Deployment of Mitigation Technologies through the CTCN” by UNIDO



# Supporting Paris Implementation: INDCs

- COP21 decision requests GEF to consider how to support Parties in formulating policies, strategies, programmes & projects to implement activities that advance priorities identified in their INDCs, starting in 2016
  - ➔ Mitigation and adaptation actions entail technology transfer
- COP22 encourages the GEF to continue to align, as appropriate, GEF programming with NDCs where they exist.
  - ➔ Examples: Introduction of solar equipment in households in Togo, TNAs

# Thank you.

## **The Global Environment Facility**

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