



Green Climate Fund

UN CTCN 2025 Joint Programme: NDE Forum and Capacity Building on Climate Finance in Asia: GCF Incubator and accelerator programming for Asia

Hansol Park,
Climate Policy Specialist / Advisory function to PSF

Who we are

- The world's **largest multilateral climate fund**, delivering climate finance for developing countries
- Under our '**50 by 30**' vision, we aim to become a USD 50 billion fund by 2030 and the climate finance partner and fund of choice
- GCF focuses on transformative **systems change and delivering impact** at scale across developing countries
- Underpinned by a **country-owned** approach focused on system-wide change
- We provide **flexibility across the financial stack**, offering end-to-end support across project lifecycle
- GCF offers **higher financial appetite** for financial and non-financial risks, actively targeting climate-vulnerable countries & communities
- GCF's business model is built on its **broadest & most diversified network** of partners

How we work

COUNTRY-DRIVEN

- Readiness programme supports country planning
- GCF programming is aligned with country priorities



A RANGE OF FINANCING INSTRUMENTS

- leverage blended finance
- Piloting support for new financial structures



RISK-TAKING, PATIENT CAPITAL

- accept higher risks to support early-stage project development & innovations to catalyse climate finance



AN OPEN, PARTNERSHIP ORGANISATION

- over 200 Accredited Entities and delivery partners



BALANCED ALLOCATION

- targeting 50:50 allocation between mitigation & adaptation

Where we focus

Reduced Emissions from:



Energy generation
and access



Transport



Buildings, cities,
industries and
appliances



Forests and
land use

Increased Resilience of:



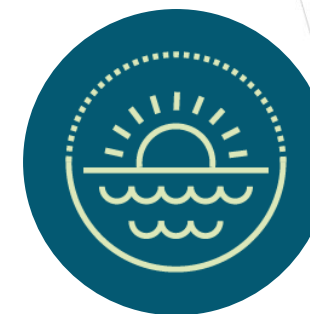
Livelihoods of people
and communities



Health, food and
water security



Infrastructure and
the built environment



Ecosystems and
ecosystem services



Efficient GCF: from concept to 'Board ready' in nine months

GCF is committed to significantly improving access to GCF resources. We have launched the 'Efficient GCF' initiative to streamline our processes and improve our efficiency.

We are now committing to complete our reviews of Concept Notes and Funding Proposals in nine months or less.

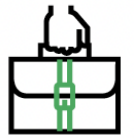


Programming Priorities 2024-2027



Empower developing countries

As a climate capacity-builder, GCF will enhance its **Readiness Programme** to help countries translate their Nationally Determined Contributions (NDCs), National Adaptation Plans (NAPs) and Long-term Climate Strategies (LTS) into climate investments and programming.



Mobilise the private sector

GCF will optimise its risk appetite and flexible financing to **engage the private sector** and unlock the financial flows needed by developing countries for climate action.



Improve access

GCF is committed to significantly **improve access** for developing countries to GCF finance, ensuring funding is delivered efficiently and effectively to communities who need it the most.



Protect the most vulnerable

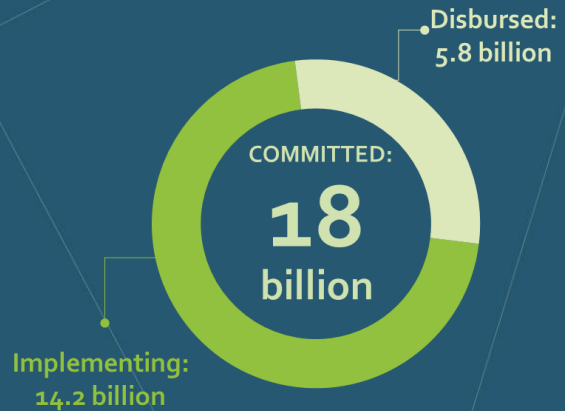
GCF will enhance support for the **most vulnerable people and communities** to address their immediate adaptation and resilience needs, such as urgent climate threats by expanding coverage of climate information and early warning systems.

Targeted results 2024-2027

- Advance the implementation of their **NDCs, NAPs and LTS**.
- Double the number of **Direct Access Entities** with approved GCF funding.
- Establish new or improved **early warning systems**.
- Enable smallholder farmers to adopt low-emission climate-resilient agricultural and fisheries practices and secure livelihoods while reconfiguring **food systems**.
- Conserve, restore or bring under **sustainable management terrestrial and marine areas**.
- Develop or secure low-emission climate resilient **infrastructure**.
- Expand access to sustainable, affordable, resilient, reliable **renewable energy**, particularly for hardest to reach, and to increase renewable energy sources in the energy mix.
- Shift toward clean and **efficient energy end-use** for transport, building and industry sectors.
- Access **adaptation funding**, including for locally-led action.
- Enable national and regional financial institutions to access GCF resources, and other green finance, particularly for **MSMEs**.
- Provide seed and **early-stage capital for innovative climate solutions, business models** and technologies to local private sector early-stage ventures and MSMEs.

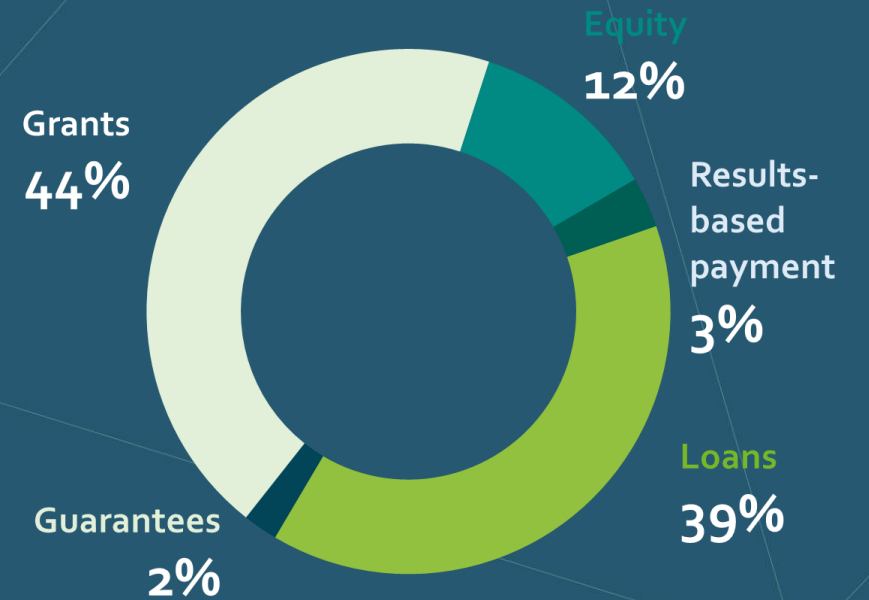
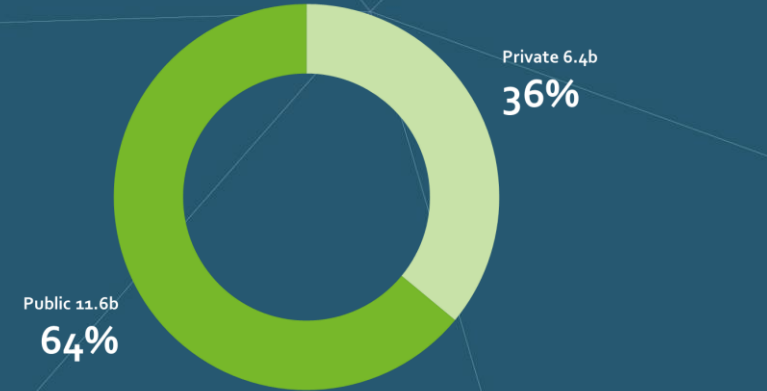
GCF in Figures (USD)

TOTAL GCF PORTFOLIO COMMITMENT

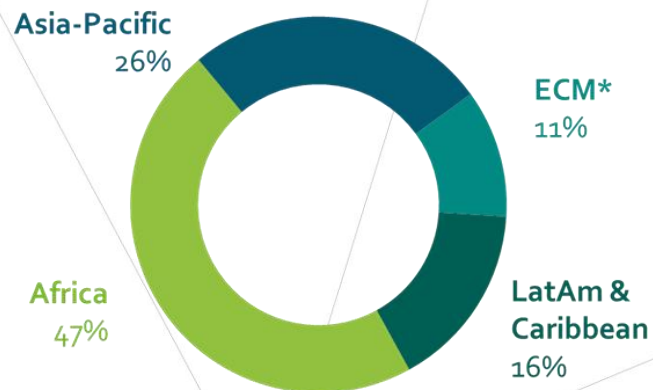
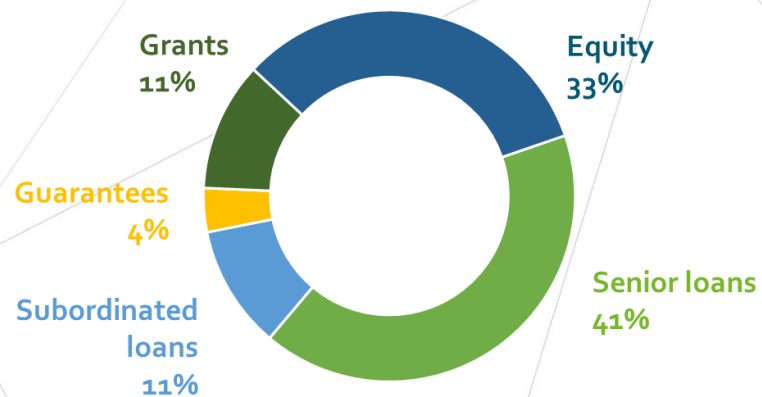


PORTFOLIO VALUE, INCLUDING CO-FINANCING:

66.8 
billion



Private Sector Portfolio and Impact



73
Projects

\$6.4B
GCF financing

\$24.8B
Co-financing

1.6Gt
Lifetime CO2

573M
Beneficiaries

FP240: Collaborative R&DB Programme for Promoting the Innovation of Climate Technopreneurship

About the Project

GCF funding: **USD 83.8 million** in equity and **USD 20.7 million** in grants

Total project funding: **USD 221.2 million**

Accredited Entity: **KDB**

Target countries: Cambodia, Indonesia, Lao People's Democratic Republic, Philippines, Viet Nam

Theme: **Cross-cutting**

- Aim to create an incubation and acceleration programme to facilitate technology transfer between local entrepreneurs and global climate technology innovators.
- Designed to establish a **USD 200 million fund** to crowd in private capital.
- Leverages the **global joint venture** business model for technology transfer and climate technology leapfrogging (i.e. skipping the conventional technological evolution process that can take decades) in host countries.

A Deep-dive

Stakeholder Ecosystem

ASEAN 5 (Cambodia, Indonesia, Laos, Philippines, Vietnam)

GCF, KDB (AE), GGGI (SMUs/TA), NHIS (investment), NH ARP (fund GP)

NDA & Line Ministries (policy alignment)

Global Tech Providers & VCs (innovation source)

- The stakeholder ecosystem centers on **ASEAN 5 countries**: Cambodia, Indonesia, Laos, Philippines, and Vietnam.
- **GCF and KDB, together with GGGI, NHIS, and NH ARP**, play critical roles in providing sourcing, investment, and fund management support.
- **NDA and line ministries ensure national ownership** by aligning the programme with government priorities and policies.
- **GGGI strengthens the ecosystem** through Sustainability Management Units (SMUs) and technical assistance at the country level.
- **Global technology providers and venture capital firms** bring innovation, investment, and technical solutions to drive climate action, taken on by local partners.

A Deep-dive

Programme Structure

- 1. Readiness – KDB, GGGI** (SMUs, local sourcing, acceleration)
- 2. Acceleration & R&DB – NHIS** (Advisory Secretariat, global sourcing)
- 3. Climate Technopreneurship Fund – NH ARP** (Fund mgmt, exits)
- 4. Technical Assistance – GGGI** (Capacity building, TA network)

- **Readiness is led by KDB and GGGI**, focusing on establishing SMUs, launching local sourcing, and providing acceleration services.
- **Acceleration & R&DB is managed by NHIS** through the Advisory Secretariat and global sourcing strategies.
- **The Climate Technopreneurship Fund is managed by NH ARP**, handling fund management, portfolio oversight, and exit strategies.
- **Technical Assistance is delivered by GGGI**, building capacity, creating networks, and coordinating with SMUs.
- Together, these four components **drive the creation and growth of Joint Ventures** as the programme's core mechanism.

A Deep-dive

JV Tech-Transfer Mechanism

Global Climate Tech Providers

(e.g., EVs, hydrogen, AI/weather analytics)



Transfer of technology/IP

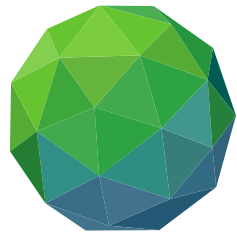
Local Companies & Entrepreneurs
(ASEAN SMEs)



JV Formation

Outputs: Tailored solutions,
Climate-resilient models, Tech
leapfrogging

- **Global climate technology providers supply** advanced solutions such as EVs, hydrogen, and AI-based weather analytics. These providers contribute knowledge, intellectual property, and technology for adaptation and mitigation.
- Through structured processes, there is a transfer of technology and IP to **local companies and entrepreneurs** in ASEAN. **Local SMEs integrate these technologies** and adapt them to their markets and national circumstances.
- The result is the formation of **joint ventures**, producing tailored solutions, climate-resilient business models, and opportunities for technology leapfrogging.



GREEN
CLIMATE
FUND

**Raising
ambition.**
**Empowering
action.**