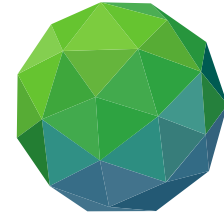


# GCF Support to Climate Technologies

*Twenty-third meeting of the TEC*



GREEN  
CLIMATE  
FUND

Emerson Resende | Climate Policy Specialist

9 September 2021

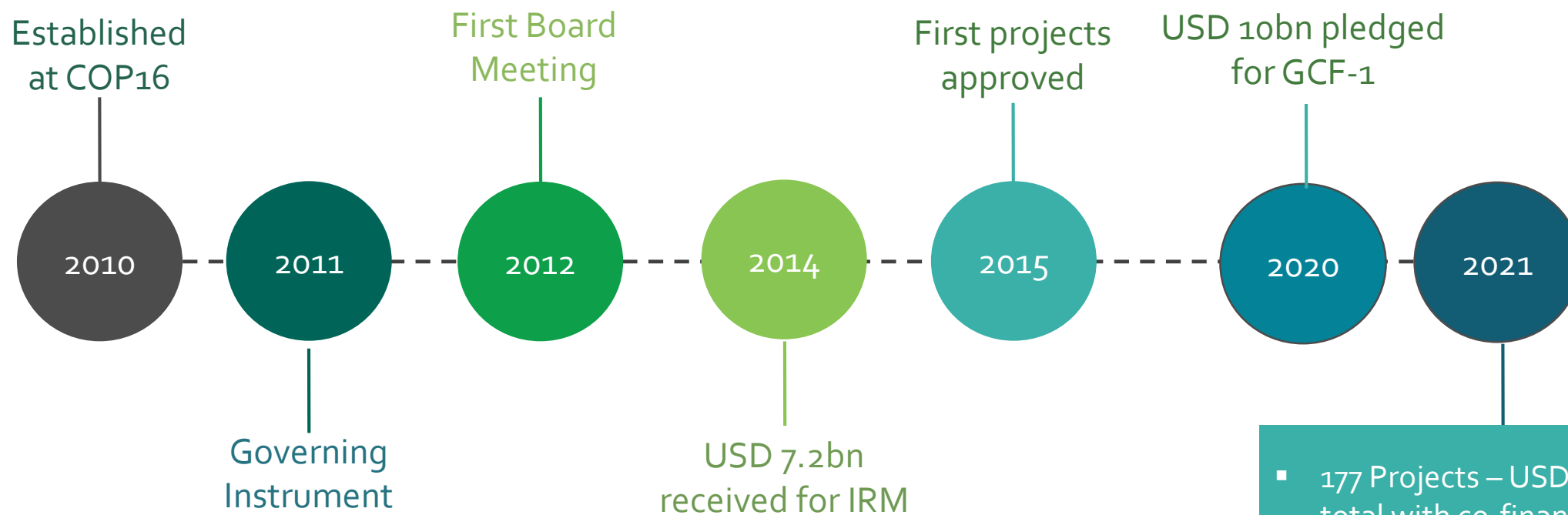


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FUND

# A QUICK HISTORY

# A QUICK HISTORY OF GCF

*Updated as of 1 July 2021*



An operating entity of the UNFCCC financial mechanism fostering a **paradigm shift** to low-emission and climate-resilient development pathways in developing countries

- 177 Projects – USD 8.8bn (33.2bn total with co-financing)
- 129 under implementation
- 113 Accredited Entities
- 121 countries reached by approved projects

# A UNIQUE FUND: KEY FEATURES OF GCF



## Country-driven

- ✓ developing countries lead GCF programming and implementation



## An open, partnership organisation

- ✓ over 200 Accredited Entities and delivery partners



## A range of financing instruments

- ✓ leverage blended finance
- ✓ pilot new financial structures to support green market creation



## Balanced allocation

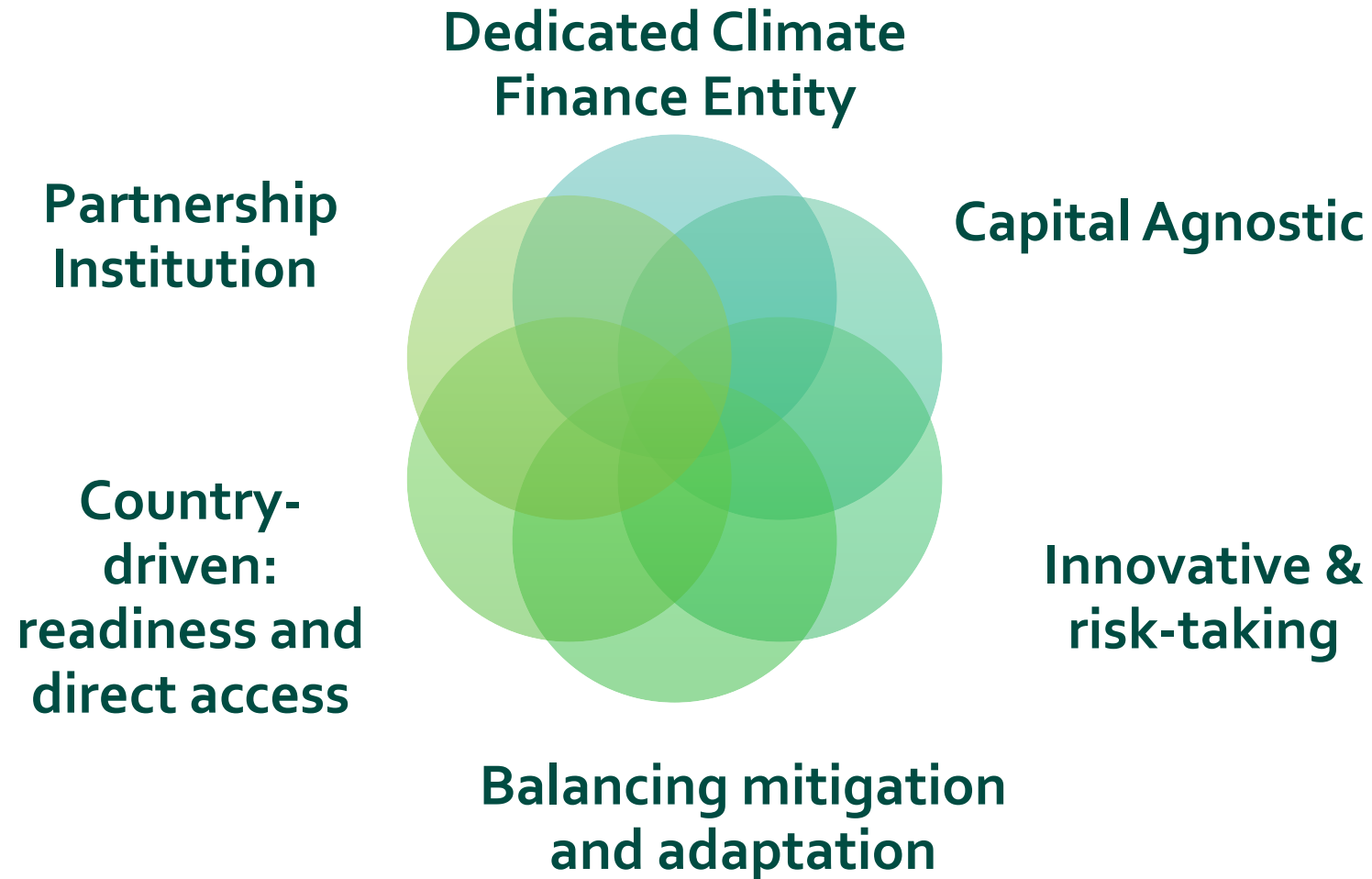
- ✓ 50:50 allocation between mitigation & adaptation



## Risk-taking, patient capital

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

# COLLABORATIVE ADVANTAGES



# IMPACT AREAS

GCF makes investments within **8 strategic result areas**, in line with country priorities.

## 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

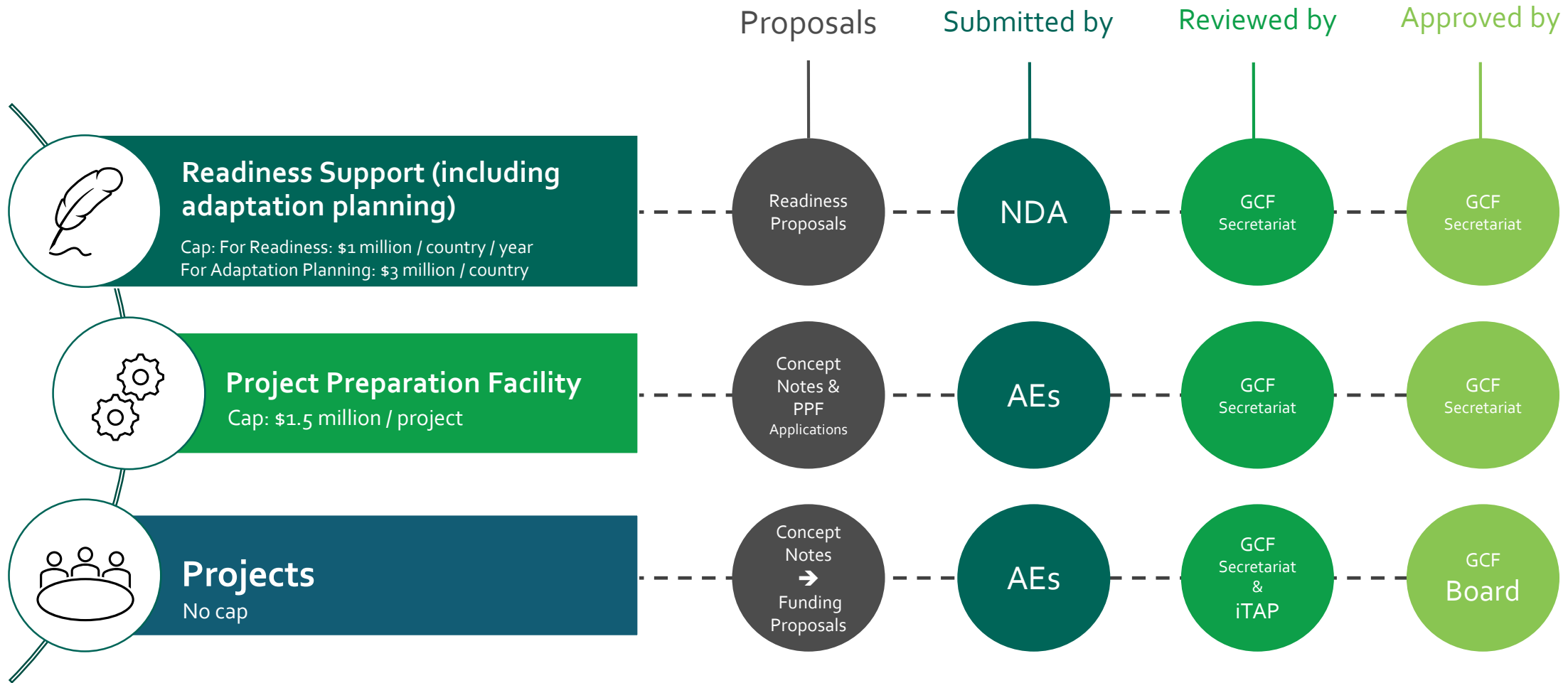


Infrastructure  
and the built  
environment



Ecosystems and  
ecosystem  
services

# WINDOWS TO ACCESS GCF FUNDING







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# STATUS OF THE PORTFOLIO



# STATUS OF THE PORTFOLIO

as of 1 July 2021



## TOTAL

PROJECT **\$8.8B in 121 countries**

READINESS **\$338M in 140 countries**

**USD 33.2B**

total portfolio with co-financing

**500.4**

million people with increased resilience

**1.8B**

tonnes of CO<sub>2</sub> eq.

## LAC

PROJECT **\$1.85B**

READINESS **\$102.0M**

## AFRICA

PROJECT **\$3.29B**

READINESS **\$110.6M**

## EASTERN EUROPE

PROJECT **\$0.391B**

READINESS **\$24.6M**

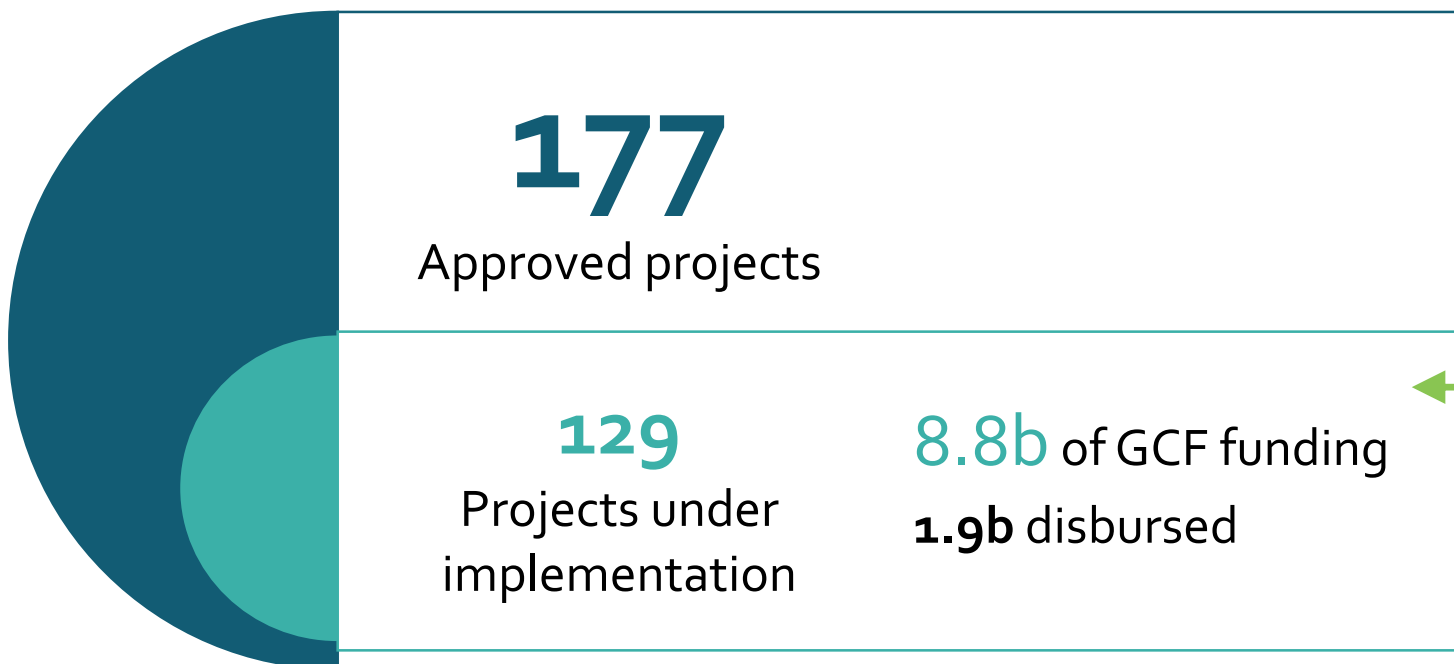
## ASIA-PACIFIC

PROJECT **\$3.32B**

READINESS **\$100.3M**

# STATUS OF THE PORTFOLIO

(as of 1 July 2021)

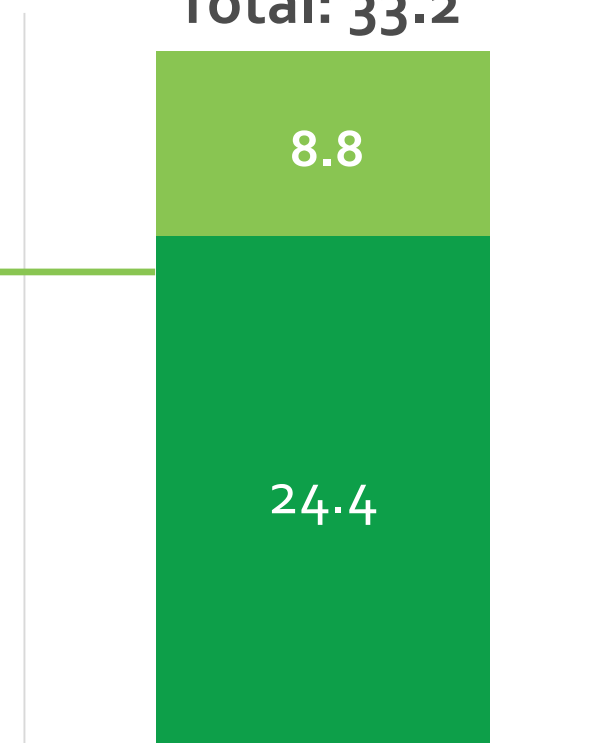


**8.8b** of GCF funding  
**1.9b** disbursed

## VALUE OF PROJECTS IN BILLION USD

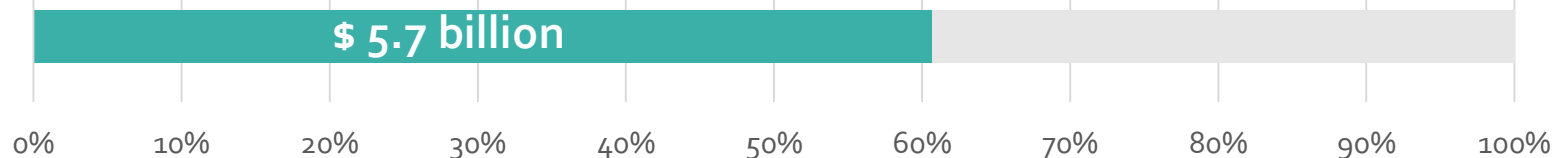
■ Co-Financing ■ GCF funding approved

**Total: 33.2**



Under implementation

GCF commitment: 8.8b

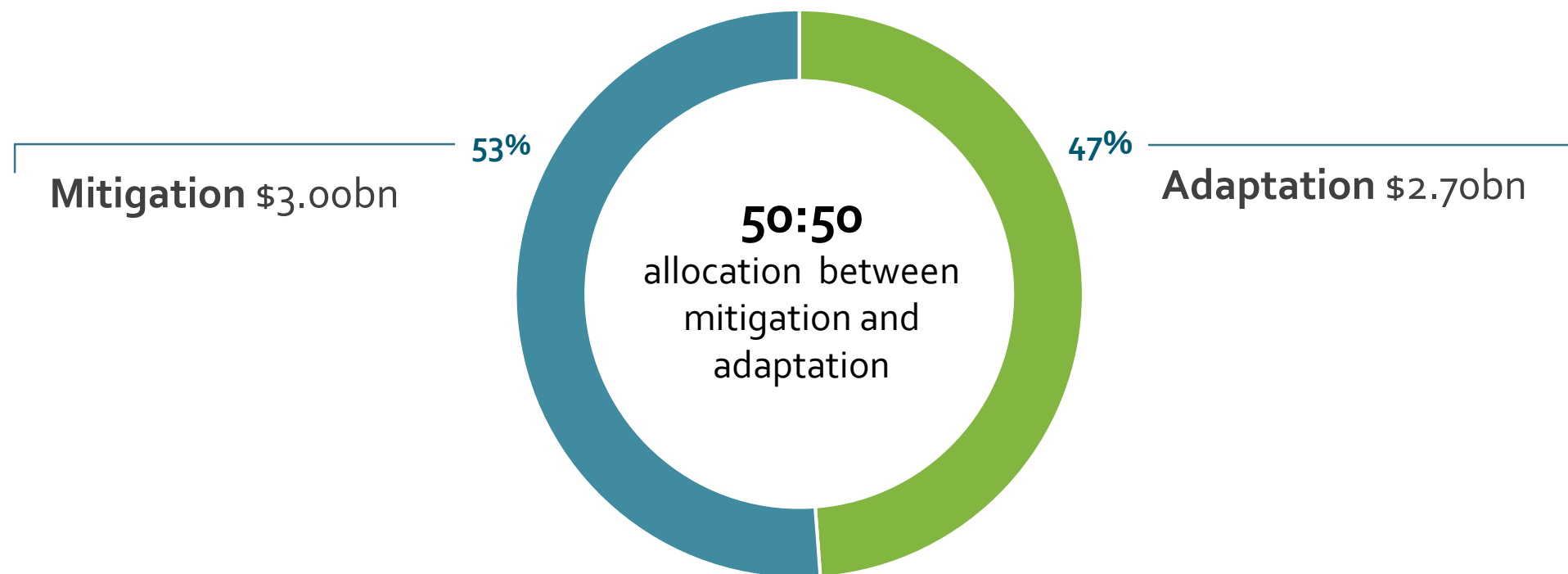


# STATUS OF THE PORTFOLIO – BY THEME

as of 1 July 2021



## FUNDING AMOUNT BY THEME (GRANT EQUIVALENT)

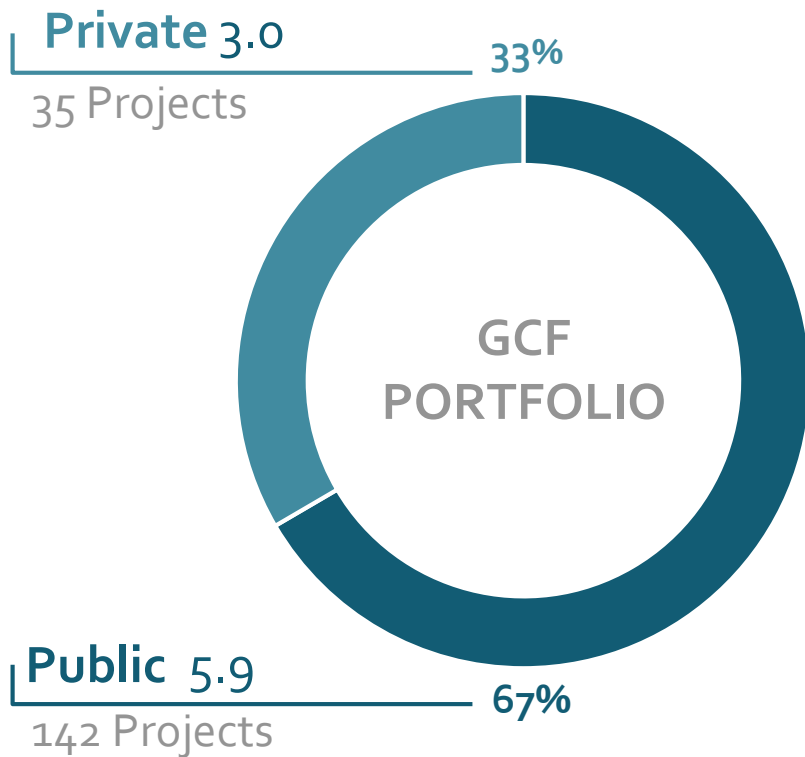


# FUNDING AMOUNT

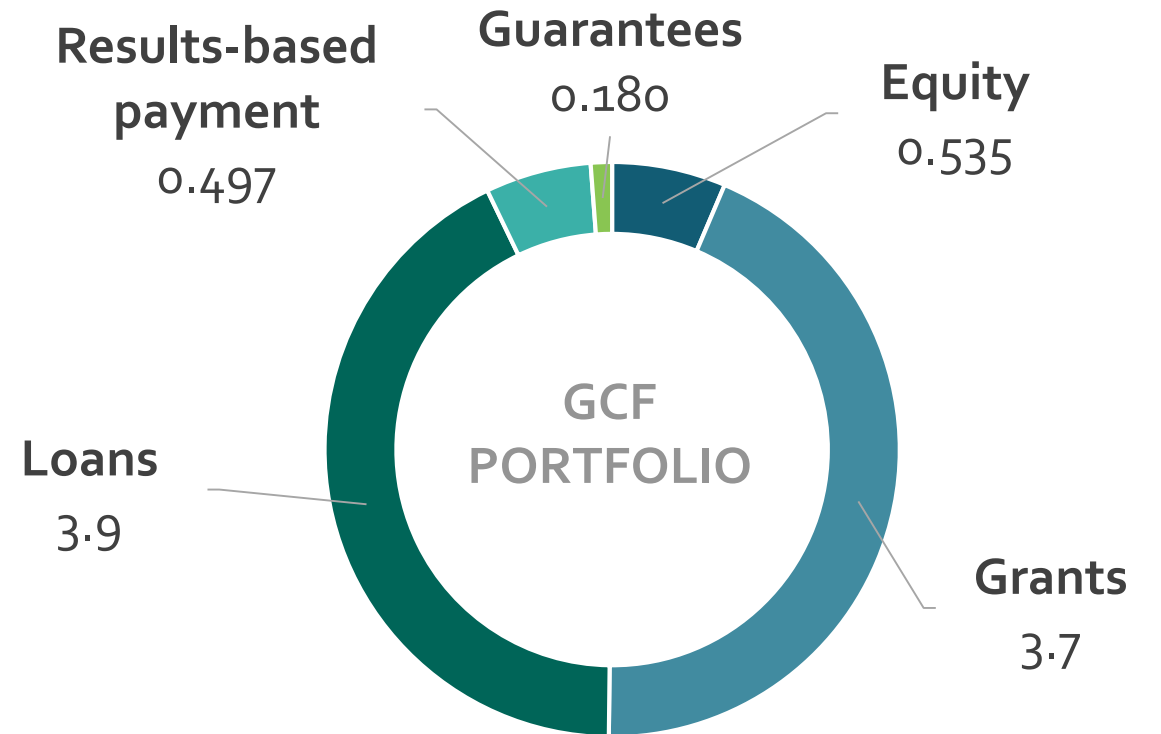
as of 1 July 2021



## BY SECTOR (billion USD)



## BY FINANCIAL INSTRUMENTS (billion USD)



# READINESS AND PREPARATORY SUPPORT PROGRAMME (READINESS)

*as of 1 July 2021*



**140**  
countries targeted



# GCF-1 STRATEGIC PLAN 2020-2023: AN OVERVIEW



**GCF will contribute to the Paris Agreement goals, NDC implementation and global ambition**

**Deliver greater impact for developing countries compared to GCF's first programming period (IRM)**

**Portfolio targets  
for 2020-2023**

**Approach to  
programming**

**Agenda for  
efficiency and  
effectiveness**



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# SUPPORT TO CLIMATE TECHNOLOGIES

# GCF-1 STRATEGIC PLAN



## Updated Strategic Plan for the Green Climate Fund 2020-2023

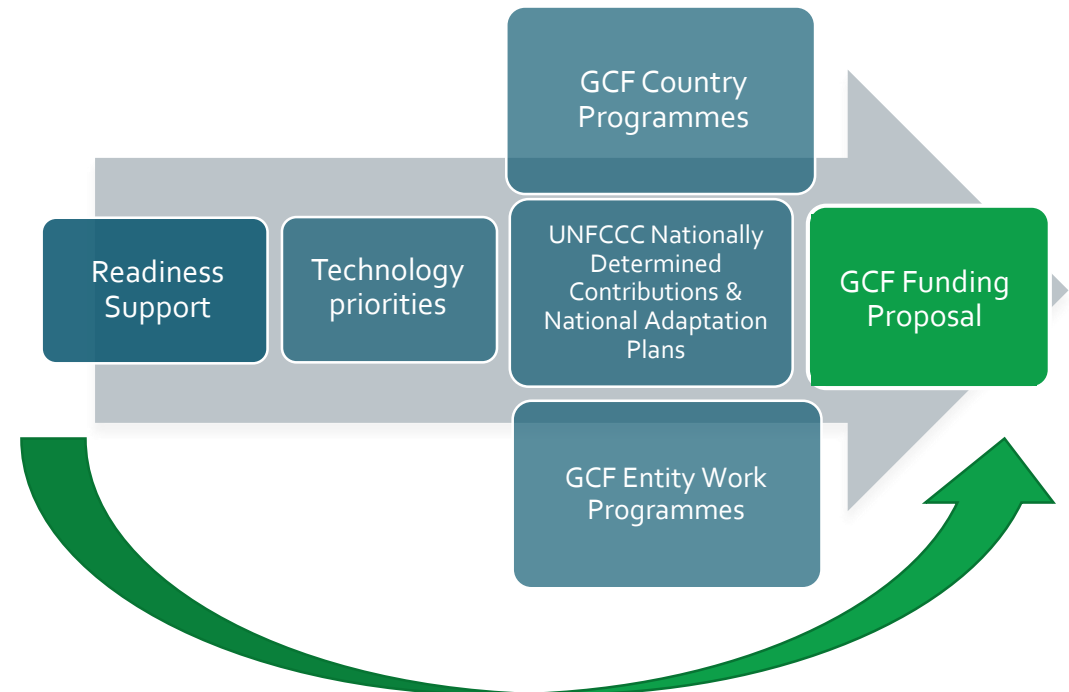
- USP recognizes need for alignment for investment with NDC, ACs, NAPs, **TNAs**, TP and other strategies
- 2020-2023 GCF strategic programming will seek to, inter alia, take on risks that other funds/institutions are not able or willing to take, by increasing instances in which GCF takes educated risks – **to support technology development and transfer**, first loss positions or participation in higher risk tranches – to demonstrate the viability of innovative approaches and deliver scale
- **Strengthen collaboration with the Technology Mechanism** to promote technology development and transfer, innovation, incubation and acceleration. This includes identifying where GCF support can unblock bottlenecks in value-chains for technology innovation, diffusion and transfer at different stages of the technology cycle, including via deploying readiness to support national innovation systems and supporting local technology production

# SUPPORTING CAPACITY



## Five key areas for enhancing technology work

1. Create long-term vision and linkage between TNA, NDC, CP, EWP, FP
2. Tailor approaches, not one-size fits all / response to country needs
3. Enhance coordination between NDE and NDA
4. Increase ambition for transformative technologies
5. Ensure complementarity and coherence across Funds



# IRMF



## IRMF Core Indicator 6

- A technology specific core indicator is added to the GCF's Integrated Result Management Framework, i.e., **core indicator 6: Degree to which GCF investments contribute to technology deployment, dissemination development or transfer and innovation.**
- Core indicator 6 measures **the number of technologies and innovative solutions transferred or licensed** to promote climate resilience as a result of GCF support

## IRMF Supplementary indicator 2.5

- Indicator 2.5 measures **beneficiaries (female/male) adopting innovations** that strengthen climate change resilience
- Adoption of indicator 2.5 was originated from COP decision 8/CP.23, which was requested with **a view to informing the Technology Mechanism** of the UNFCCC



Meeting of the Board  
28 June - 1 July 2021  
Virtual meeting  
Provisional agenda item 10

GCF/B.29/12  
25 June 2021

## Integrated Results Management Framework

### Summary

This document presents GCF's integrated results management framework (IRMF), which is intended to merge the initial results management framework (decision B.07/04) and performance measurement frameworks (decision B.08/07) into one framework, the IRMF. The IRMF updates GCF's results architecture and related measurement and reporting approaches for the first replenishment period of the GCF.

The IRMF also seeks to further strengthen the ability of GCF to measure and report the impact of its investments by updating GCF's results architecture to operate in improved alignment with the GCF Investment Framework, and enabling more consistent measurement and reporting of results from the project/programme level. This proposed results architecture is designed to measure both quantifiable impacts of GCF investments, as well as the GCF contribution to the paradigm shift towards low-emission and climate-resilient development pathways in the context of sustainable development. Additionally, it also further supports the implementation of the objectives of the United Nations Framework Convention on Climate Change and the Paris Agreement, as set out in the Governing Instrument for the GCF and initial Strategic Plan as well as the updated Strategic Plan of the GCF: 2020-2023 (decision B.27/06).

This document also presents the GCF results tracking tool linked with the updated Strategic Plan, which is intended to enable integrated reporting of progress towards the delivery of the updated Strategic Plan.

[Link to IRMF](#)



# RFP & COP<sub>26</sub> EVENTS



## RFP: Climate Technology Incubators and Accelerators

- Draft Terms of Reference for the Climate Technology Incubators and Accelerators RFP has been produced, **taking into account the inputs received through technology mechanism**
- The draft TOR currently under Board consultation.

## COP 26 events

- **6<sup>th</sup> Annual Meeting of the GCF with the UNFCCC constituted bodies**
  - ✓ To enhance cooperation and coherence of engagement between the GCF and the constituted bodies of the UNFCCC, including the Technology Mechanism (TEC, CTCN)
- **5<sup>th</sup> Annual Dialogue of the Climate Funds**
  - ✓ To increase complementarity and coherence between the climate funds (GCF, GEF, CIFs, AF) in the context of their operations and collaboration with developing countries



**UN CLIMATE  
CHANGE  
CONFERENCE  
UK 2021**

IN PARTNERSHIP WITH ITALY

# SNAPSHOT OF INTERNAL TAXONOMY ANALYSIS



- GCF secretariat is developed an **internal taxonomy tool** to identify gaps and trends related to climate technology within GCF project portfolio.
- GCF identified **265 terms** related to climate technology by reviewing 173 projects in the portfolio.
- **Initial analysis shows 65% (113)** of GCF projects indicate to have at least one technology component.

Mitigation	Adaptation	Cross-cutting
<b>49</b> Projects or 43%	<b>36</b> Projects or 32%	<b>28</b> Projects or 25%

Latin America and the Caribbean

**19** projects  
USD **0.98** bi

Africa

**42** projects  
USD **1.89** bi

Mitigation	Adaptation	Cross-cutting
<b>12</b> projects USD <b>801</b> mn	<b>02</b> projects USD <b>30</b> mn	<b>05</b> projects USD <b>153</b> mn

Mitigation	Adaptation	Cross-cutting
<b>15</b> projects USD <b>1.2</b> bi	<b>18</b> projects USD <b>444</b> mn	<b>09</b> projects USD <b>245</b> mn

Eastern Europe

**06** projects  
USD **0.22** bi

Asia-Pacific

**45** projects  
USD **2.56** bi

Mitigation	Adaptation	Cross-cutting
<b>03</b> projects USD <b>77</b> mn	<b>01</b> projects USD <b>27</b> mn	<b>02</b> projects USD <b>115</b> mn

Mitigation	Adaptation	Cross-cutting
<b>19</b> projects USD <b>1.7</b> bi	<b>15</b> projects USD <b>373</b> mn	<b>11</b> projects USD <b>493</b> mn

# READINESS SUPPORT FOR TECHNOLOGY

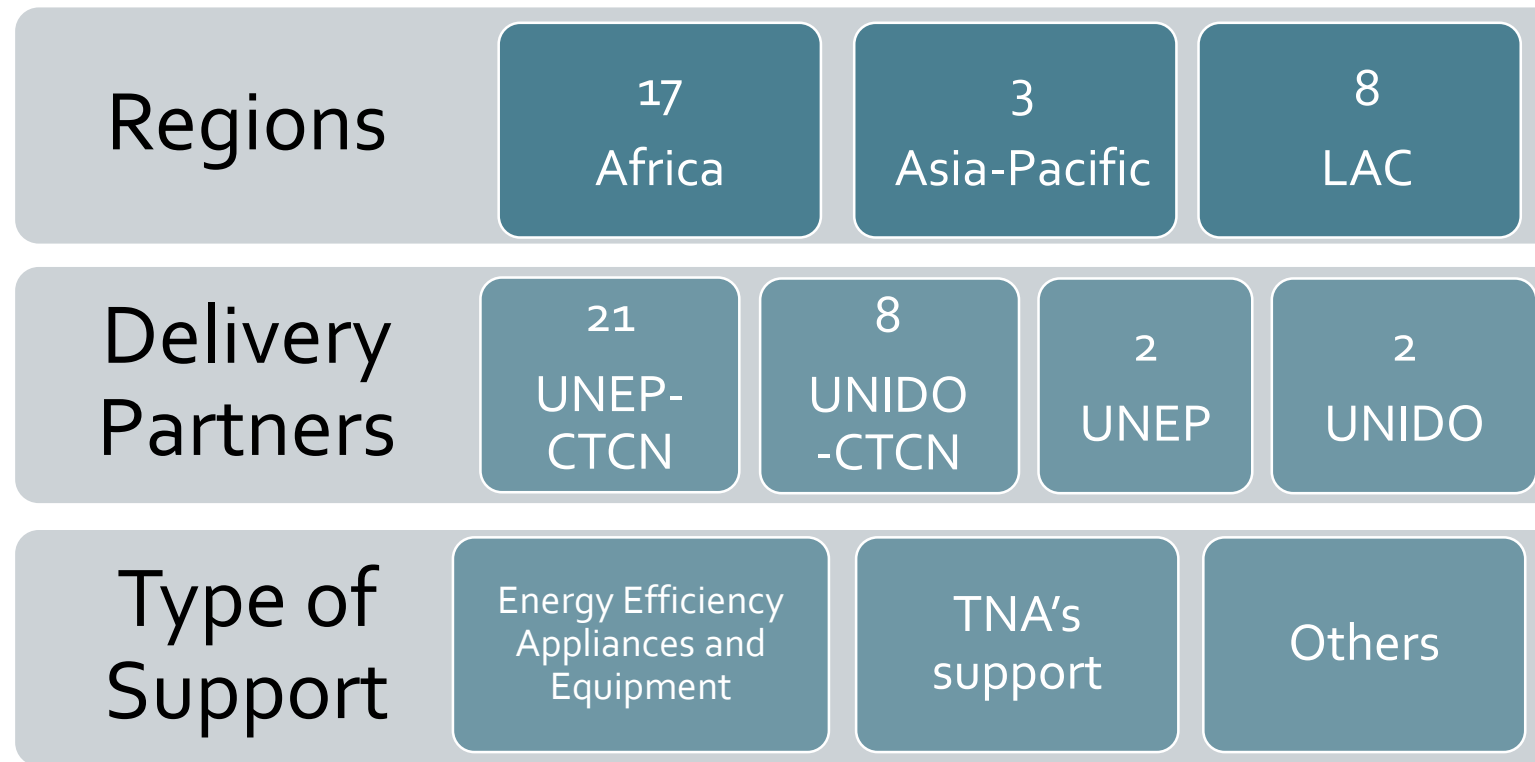
By CTCN partners (as of September 2021)



\*Readiness

**40**

approved



USD

**\$19.4**  
MM

# EXAMPLES FOR TECHNOLOGY IN PORTFOLIO

RUSSIA



## FP163

- Use of climate-resilient crop varieties, crop-livestock systems, as well as water efficient

## FP127

- Use of climate-resilient crop varieties, crop-livestock systems, as well as water efficient technologies for irrigation

## FP132

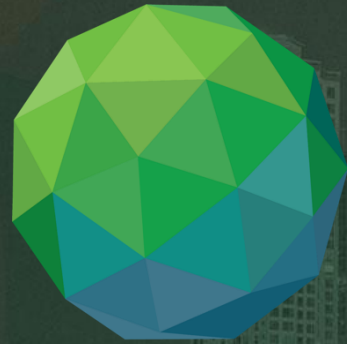
- Upgraded Solid Biofuels (USB) produced from woody or agricultural residues by modern processes and technologies
- Deployment of drones GPS devices for strengthening of forest supervision

## SAP013

- Solar photovoltaic system and smart metering technology

INDONESIA





# GREEN CLIMATE FUND

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