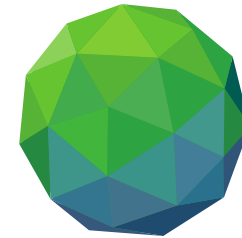


# MEASURING ADAPTATION IMPACT



GREEN  
CLIMATE  
FUND

Lilian Macharia  
Director, Division of Portfolio Management

GPIC 2023

**Slide 1**

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**RJ0**

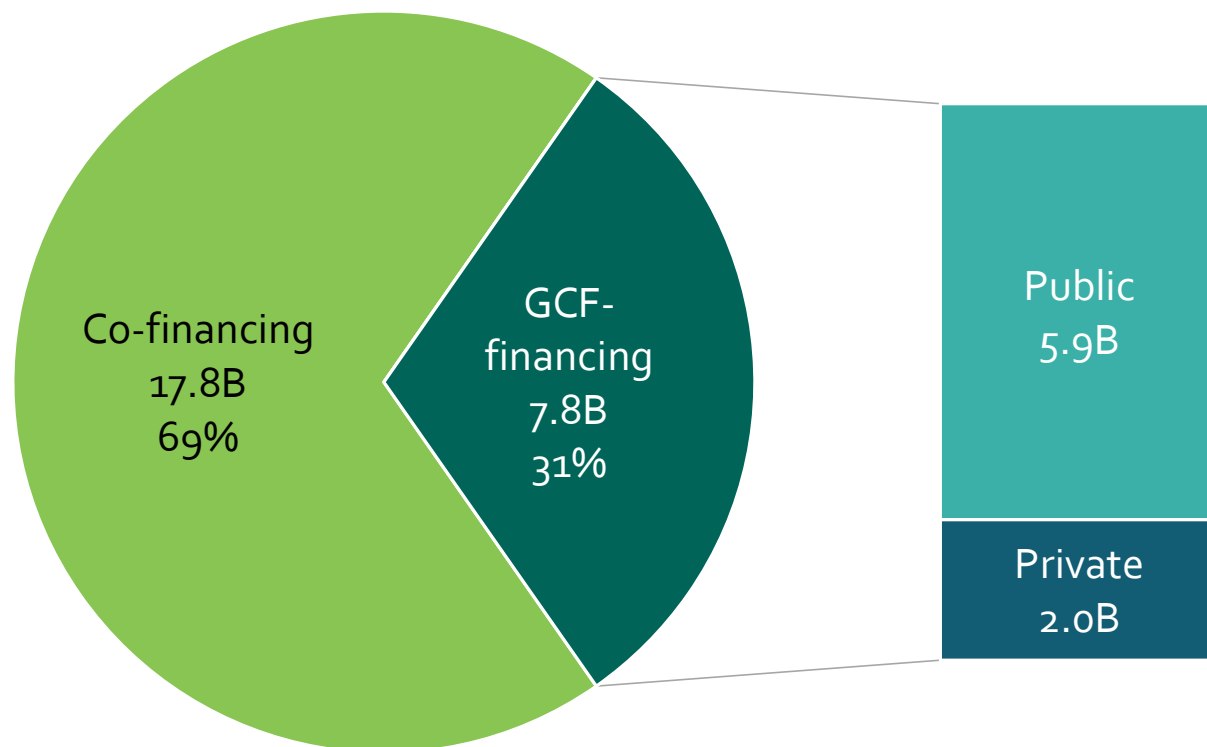
Data to be validated by RDM

Ravi Janjwadia, 2023-08-21T09:58:09.224

# GCF ADAPTATION PORTFOLIO

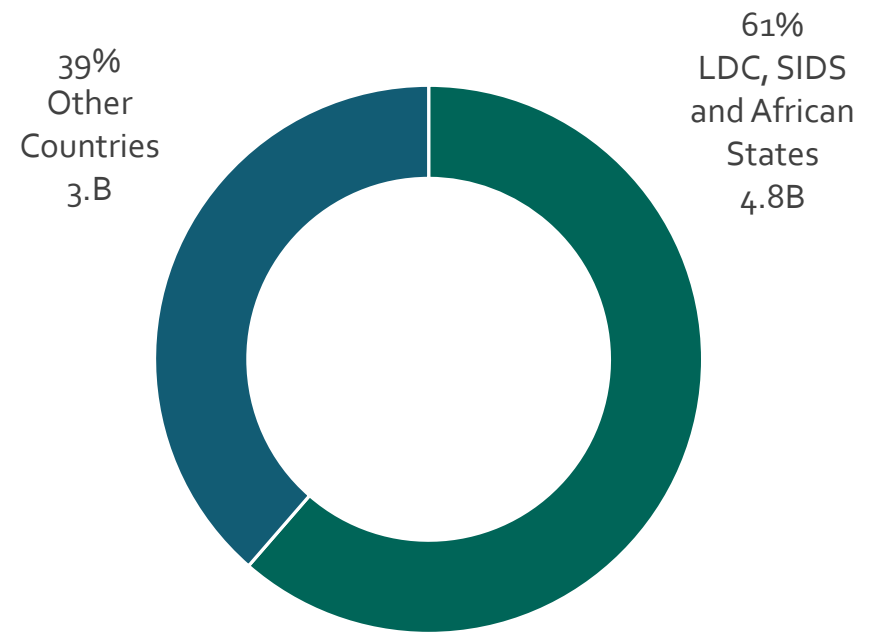
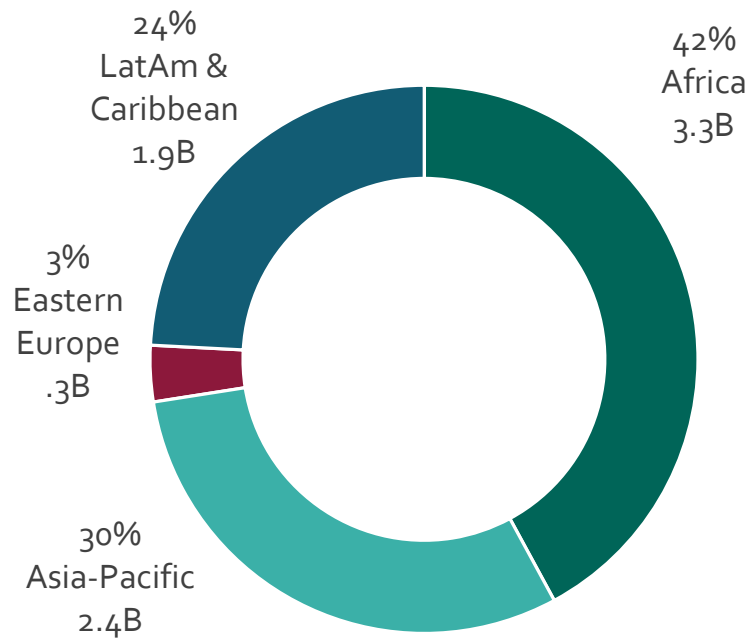
25.6 billion USD total  
financing contributing  
to adaptation

162 projects and  
programmes  
(96 adaptation, 66 cross-cutting)



# GCF ADAPTATION PORTFOLIO

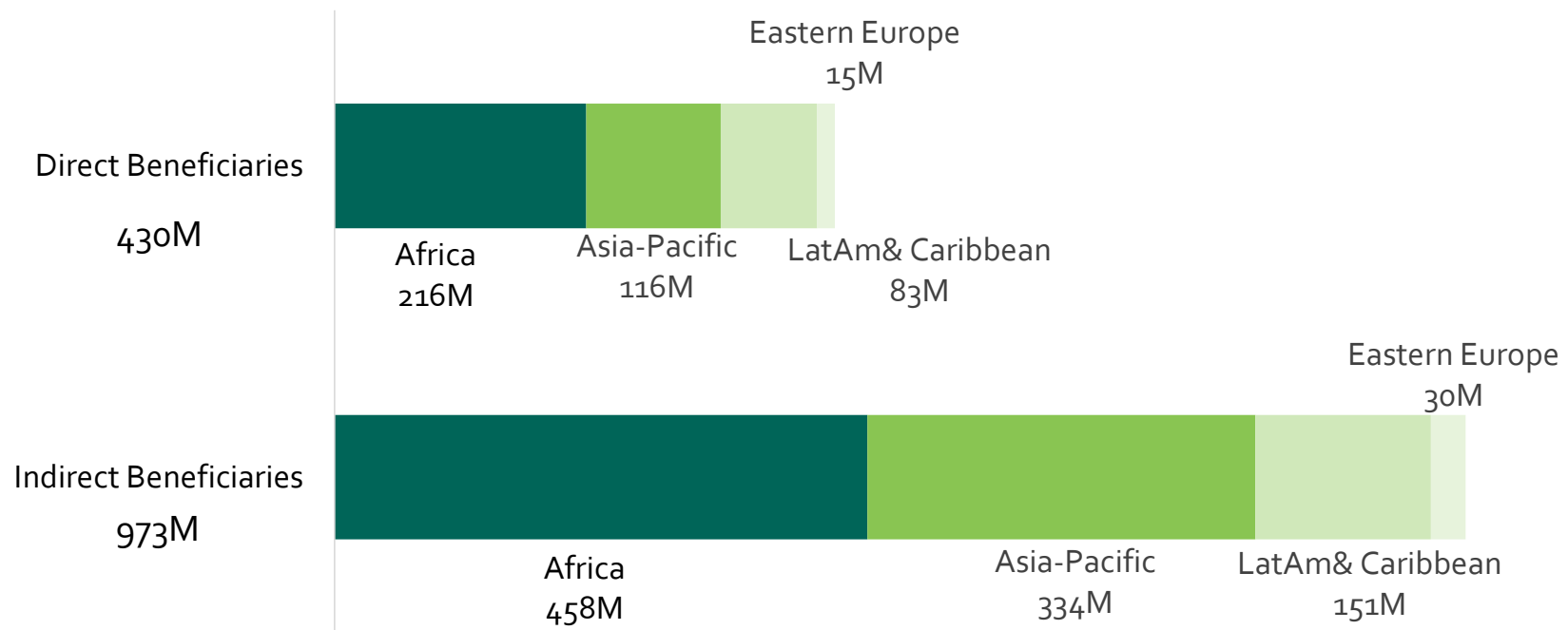
162 projects and programmes in 117 countries



# GCF ADAPTATION IMPACT



Estimated Adaptation Beneficiaries





# RESULTS MANAGEMENT APPROACH

# CLIMATE RESULT AREAS (ARCHITECTURE)



Each results level is tracked using a series of indicators and monitoring processes

## Mitigation results areas (MRA)



MRA1  
Energy generation and access



MRA2  
Low-emission transport



MRA3  
Buildings, cities, industries and appliances



MRA4  
Forestry and land use

## Adaptation results areas (ARA)



ARA1  
Most vulnerable people and communities



ARA2  
Health, well-being, food and water security



ARA3  
Infrastructure and built environment



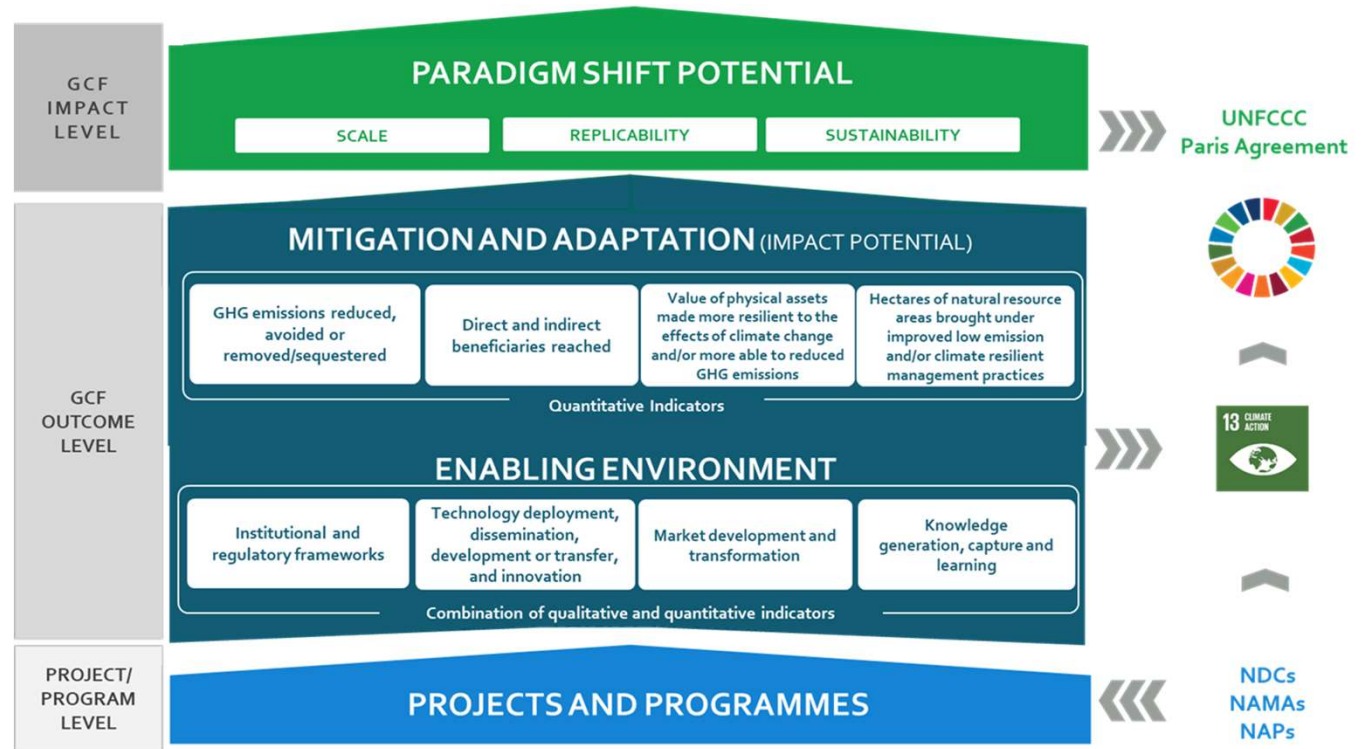
ARA4  
Ecosystems and ecosystem services

# GCF RESULTS ARCHITECTURE



Integrated Results Management Framework (IRMF)

Helps assess contributions of GCF investments in various results areas to intended GCF impact





# MEASURING ADAPTATION IMPACT



*Adaptation benefit: an outcome derived from a GCF-funded intervention which aims to increase resilience or reduce vulnerability of a specific target system against the adverse effects of climate change when compared to a baseline scenario.*

## Fund level adaptation results: captured in 3 core indicators

### Core 2 Indicator: Direct and Indirect beneficiaries reached

#### Direct beneficiaries

- **Targeted support** from a GCF-funded intervention
- **A measurable amount of adaptation benefit** from a project intervention.

#### Indirect beneficiaries

- **Do not receive targeted support** from a GCF-funded intervention but
- Are likely to **receive a measurable amount of adaptation benefit** from a project intervention.

## MEASURING ADAPTATION IMPACT



**Core 3 Indicator:** *Value of **physical assets made more resilient** to the effects of climate change and/or more able to reduce GHG emissions*

**Example:** *value of buildings or roads protected against climate change impacts such as flooding*

**Core 4 Indicator:** *Hectares of **natural resource areas** brought under improved low emission and/or **climate resilient management practices***

**Example:** *hectares of land under irrigation*

# STAKEHOLDER RESPONSIBILITIES VS IRMF



Accredited Entities develop sound M&E Plan consisting of:

- Overview of overall M&E Strategy
- Details of indicators for monitoring the performance of the investment i.e. set up and operation
- Indicative Budget for the investment window
- Details of Monitoring and evaluation plan including budget allocation
- Templates for assessing operations and portfolio performance (esp for equity)

STAKEHOLDER	IRMF RESPONSIBILITIES: CONFIRMING GCF RESULTS AREA/S
Accredited Entities	<ul style="list-style-type: none"><li>• Identify alignment between proposal and GCF results area/s</li></ul>
GCF Secretariat	<ul style="list-style-type: none"><li>• Confirm alignment between proposal and GCF results area/s</li></ul>

GCF Secretariat works closely with AEs during proposal stage & subsequently to ensure compliance with IRMF and appropriate M&E and results tracking measures



# EXAMPLES

# FP078 ACUMEN RESILIENT AGRICULTURE FUND (ARAF)



Accredited Entity: Acumen Fund Inc.  
Countries: Ghana, Nigeria, Uganda  
Sector: Private

GCF: 26 million USD (Equity + Grants)  
Co-financing: 30 million USD



## Pre-investment impact data

RJO

### Agriculture Resilience Investment Screen (ARIS):

- Identify climate change risks addressed by the business model
- Climate vulnerability of the target population
- Check maladaptation

## Post-investment impact data

### Company-level surveys:

- Farmer well being: Changes in income, productivity and company
- Climate resilience: To assess ability to adapt and cope

**RJO** To be filled

Ravi Janjwadia, 2023-08-21T09:53:45.476

# FP114 PROGRAM ON AFFIRMATIVE FINANCE ACTION FOR WOMEN IN AFRICA (AFAWA): FINANCING CLIMATE RESILIENT AGRICULTURAL PRACTICES IN GHANA



Accredited Entity: African Development Bank  
Country: Ghana  
Sector: Private

GCF: 20 million USD (Loan + Grants)  
Co-financing: 5.6 million USD



## Adaptation Impact

Direct benefit  
70,000

Additional income for the MSMEs  
Jobs  
Increased productivity

Indirect benefit  
289,300

Additional income for MSMEs employees  
People benefitting from increased food availability

Mitigation Impact: 3.2 million tCO<sub>2</sub>eq

## KEY TAKEAWAYS



- Important to review available guidance on IRMF and related guidance documents on estimation of adaptation impact.
- GCF Secretariat available to work with AEs during proposal development and review on M&E aspects to ease compliance with IRMF
- GCF continues to develop suite of tools and guidance material for
  - ex-ante adaptation impact estimation and ex-post reporting.
  - for programmatic projects including for single country and multi country projects.
  - for private sector projects.



## RESOURCES



<https://www.greenclimate.fund/document/results-handbook>

<https://www.greenclimate.fund/event/gcf-irmf-webinar-series-aes-revised-fp-template-and-gcf-support-daes-irmf-implementation>

<https://www.greenclimate.fund/event/introductory-webinar-draft-gcf-results-handbook>



# GREEN CLIMATE FUND