



## **Koronivia Joint Workshop on Agriculture**

***GEF Support to Sustainable land and water management, including integrated watershed management strategies, to ensure food security***

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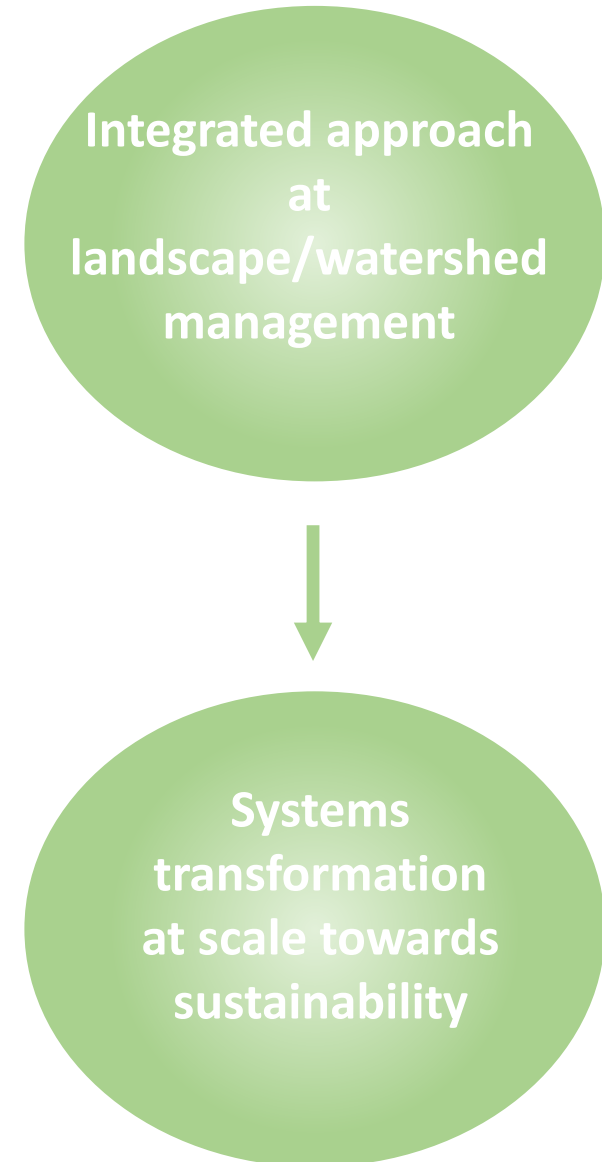
# Multiple entry points to support SLWM and contribute to food security

## GEF Trust Fund

- ✓ Land degradation Focal Area strategy:
- ✓ National projects
- ✓ Global/regional Programs (examples: Fostering Sustainability and Resilience for Food Security in Sub-Saharan Africa and GEF-7 Dryland Sustainable Landscapes Impact Program)

## Regional and National Adaptation Projects and Programs funded by LDCF, SCCF

- ✓ Least Developed Countries Fund (LDCF) supporting climate resilience and adaptation in 47 LDCs
- ✓ Special Climate Change Fund for all developing countries
- ✓ Challenge Program for Adaptation Innovation



# Land Degradation Focal Area: a core strategy for SLWM

- ***Key objective***: Maintain or improve flow of agro-ecosystem services to sustain food production and livelihoods through Sustainable Land Management (SLM)

- Duration:

**2018 – 2022**

- Total investment:

**USD 475 million**

- Results:

**6.0 million ha of area under restoration, 20 million ha under improved practices, 1.5 GT CO<sub>2</sub>eq mitigated, 120 million beneficiaries reached (incl. 49% women)**



## The strategy includes:

- **Comprehensive land use planning** (integrated natural resource management, including restoration)
- **Promote policy options for unlocking finance access:** market opportunities / innovative financing to diversify livelihoods of smallholder farmers and pastoralists
- **Promote policies for increased tenure security and rights** of local land users so they can invest in sustainable and resilient practices
- Harnessing **emerging technologies and innovations**

# Resilient Food Systems Program

- Through RFS, GEF is advancing a new paradigm for Africa's agricultural systems: one that emphasises the importance of natural capital and ecosystem services for agricultural productivity.

- 12 countries

- Duration:  
2017 – 2022

- Total investment:  
USD 116 million+ co-financing (about USD 800 million)

- Results:  
+150,000 ha restored, +160,000 farmers trained, diversifying livelihoods, 1.4 million beneficiaries, policy instruments and regulatory frameworks...

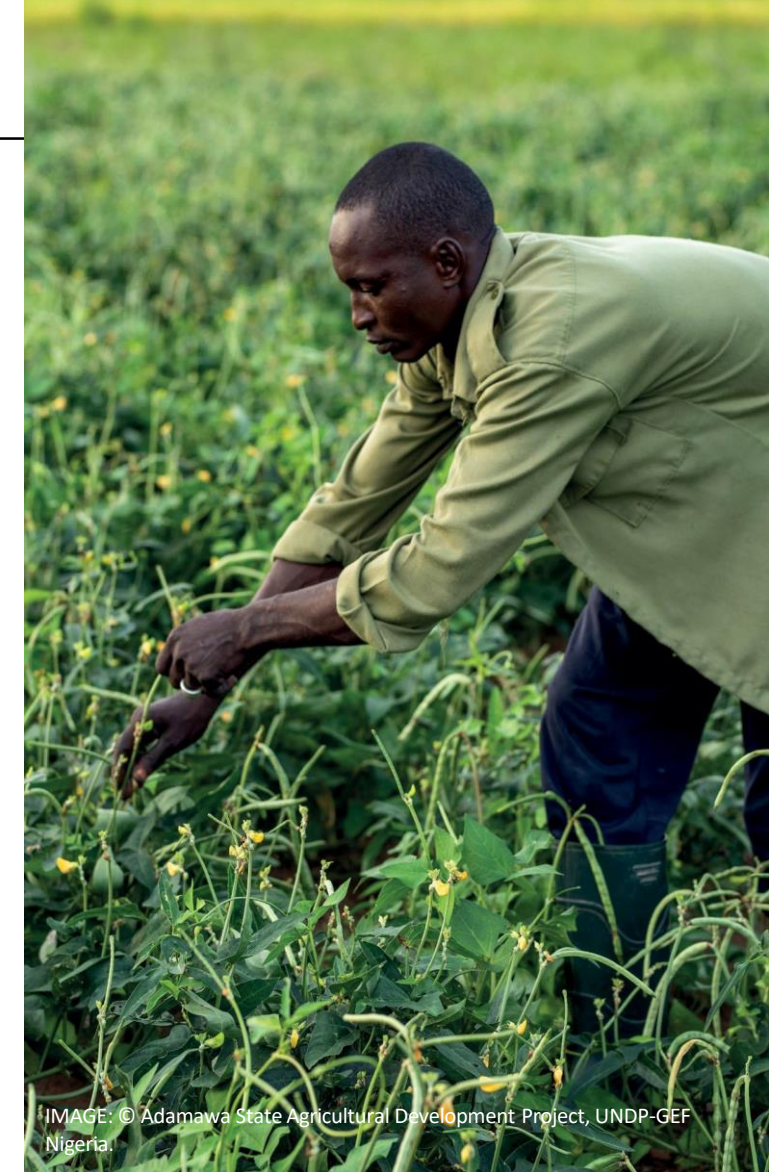
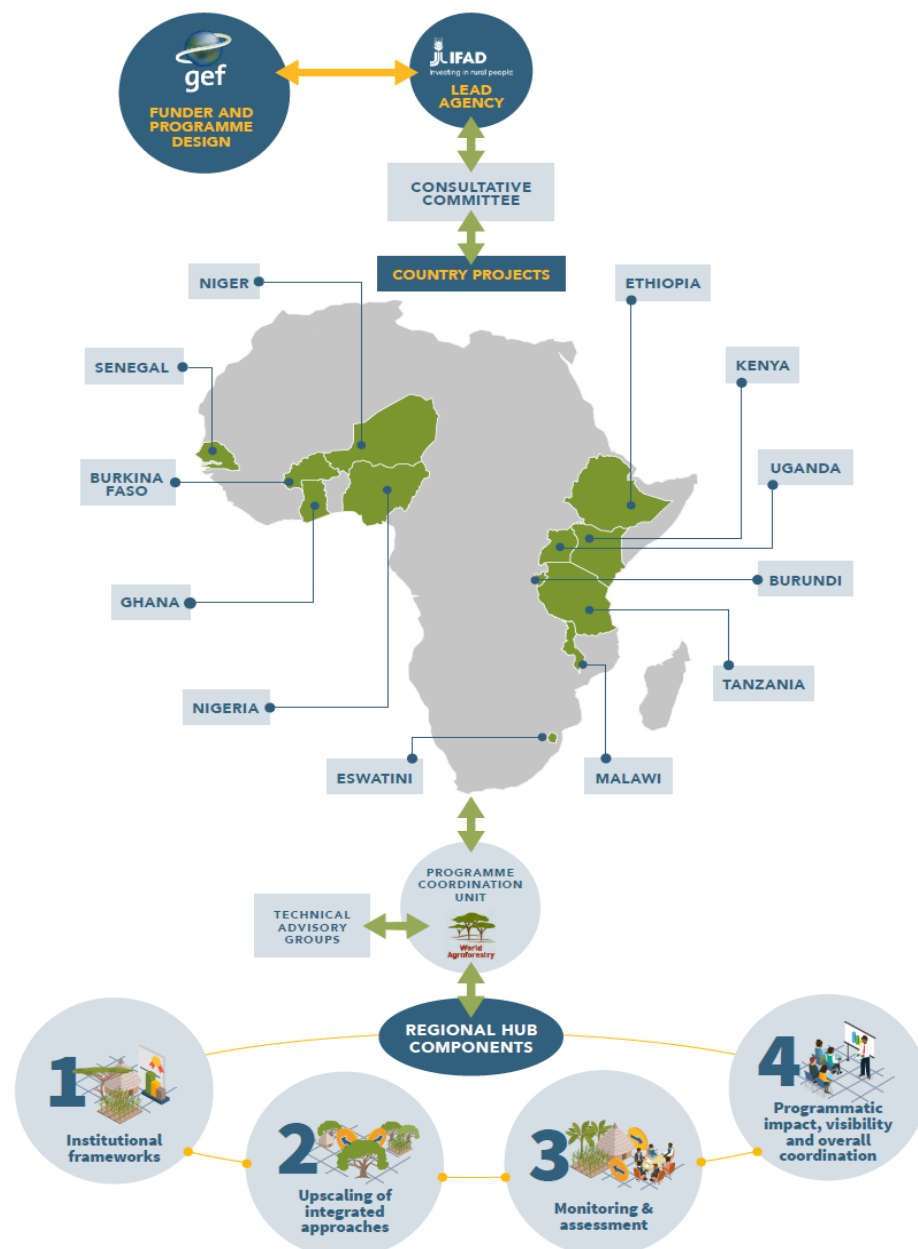
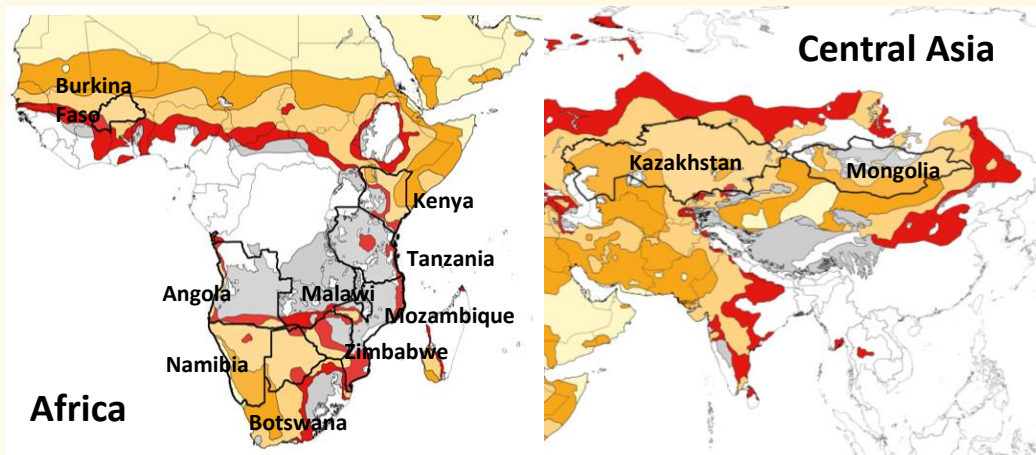


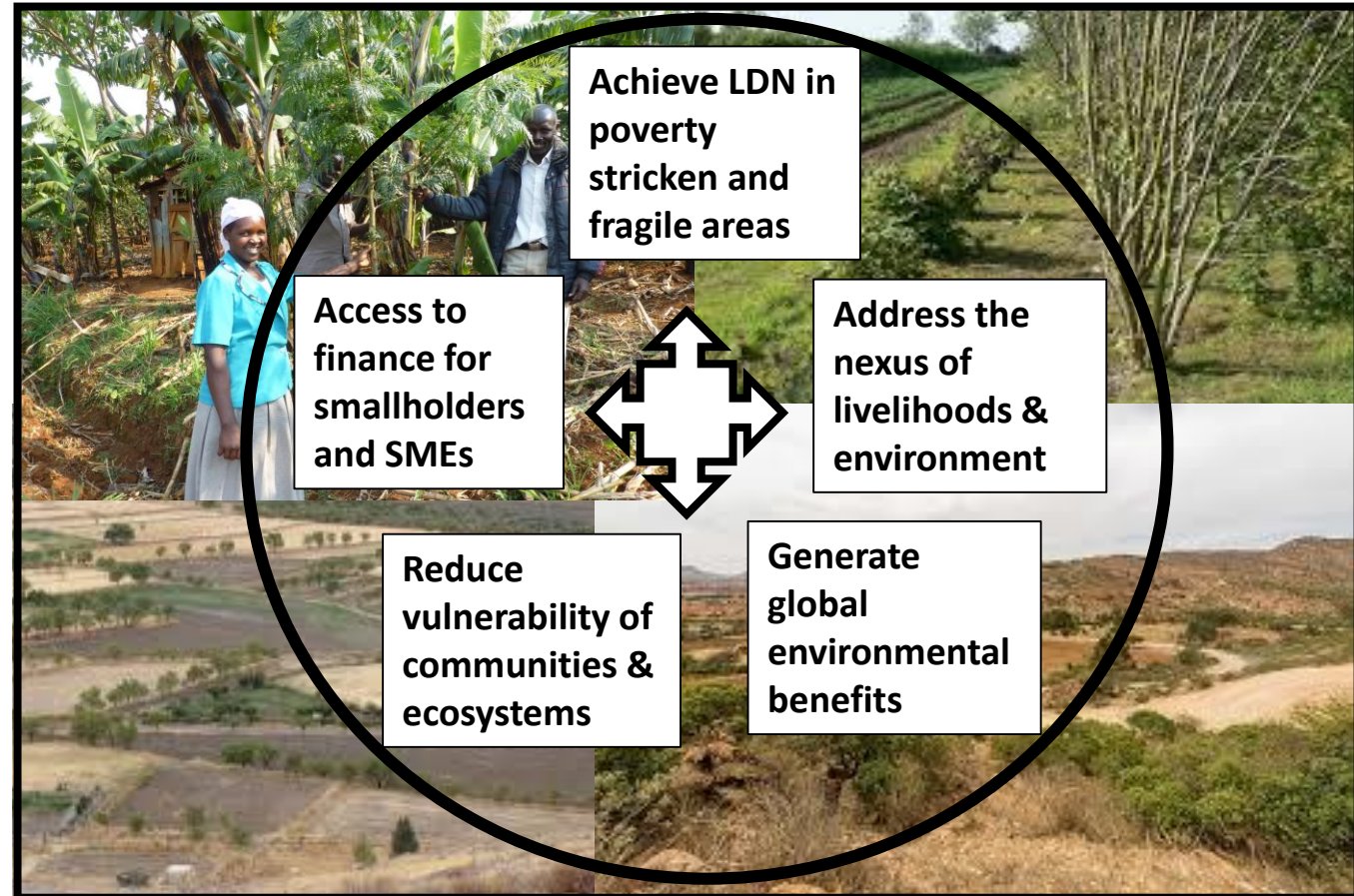
IMAGE: © Adamawa State Agricultural Development Project, UNDP-GEF Nigeria.

# GEF-7 Dryland Sustainable Landscapes Impact Program



## Goals and Objectives

- 11 Countries
- Launch: **in June 2021**
- Total investment: **USD 104.5 million+ co-financing (about USD 810 million)**
- Expected results: **0.9 million ha restored, 1 million beneficiaries, 12 million ha under improved practices, 34.6 million t CO2e mitigated**



# GEF Climate Change Adaptation Portfolio: LDCF and SCCF

## Since inception:

- **\$2.0 billion** in approved projects and programs (\$417.8 to date in GEF-7 from 2017 to 2021)
- **7.2 million hectares** of land better managed to withstand the effects of climate change
- **27.4 million** beneficiaries
- **28.0%** of LDCF and **23.3%** of SCCF projects are reporting direct impact on land management



# Example of activities supported in agriculture by LDCF/SCCF

- **Strengthening hydromet services to provide climate information** to help farmers with cropping decisions, pest control, etc.
- **Livelihood diversification**, expanding beyond a single crop to also look at poultry farming, beekeeping, value-added goods, fish-farm-fruit systems, etc.
- Support for **climate-resilient ecosystem management** through sustainable landscape approaches.
- Methods and technologies for **water, energy and soil conservation**.
- Increasing focus on **innovation and private sector engagement**.
- Strong focus on **gender-based approaches, empowering women and youth**.



# Recently Approved Examples of Climate Change Adaptation Projects (LDCF)

Bangladesh	Benin	Haiti	Nepal	Tanzania
<p><i>Building climate resilient livelihoods in vulnerable landscapes</i></p>	<p><i>Restoring and Enhancing the Value of Degraded Lands and Forest Ecosystems for Enhanced Climate Resilience</i></p>	<p><i>Resilient Productive Landscapes</i></p>	<p><i>Managing Watersheds for Enhanced Resilience of Communities to Climate Change in Nepal</i></p>	<p><i>Building resilience through sustainable land management and climate change adaptation in Dodoma</i></p>
<p><b>FAO</b>  <b>\$10.0 million</b>            + \$21.4 M co-finance  <b>= \$31.4 M total</b></p>	<p><b>UNDP</b>  <b>\$10.0 million</b>            + \$37 M  <b>= \$47 M</b></p>	<p><b>World Bank</b>  <b>\$7.0 million</b>            + \$20.0 M  <b>= \$27.0 M</b></p>	<p><b>WWF-US</b>  <b>\$5.0 million</b>            + \$25.9 M co-finance  <b>= \$30.9 M total</b></p>	<p><b>AfDB</b>  <b>\$5.7 million</b>            + 215.2 M co-finance  <b>= 221.1 M total</b></p>
<p><b>LDCF</b></p>	<p><b>LDCF &amp; GEF Trust Fund</b></p>	<p><b>LDCF</b></p>	<p><b>LDCF</b></p>	<p><b>LDCF &amp; GEF Trust Fund</b></p>



# Opportunity:

## Challenge Program for Adaptation Innovation

*Catalyzing innovation and private sector investment in climate adaptation Action*

Any public or private sector proponent can directly submit their concept



First call:  
\$10 million



388 submissions  
343 organizations



9 investments  
Approved



2<sup>nd</sup>  
Call for Concepts  
coming soon

### Project example: **Landscape Resilience Fund**

Aims to mobilize **\$100 million in private sector investment by 2025** for climate adaptation projects that support agricultural and forestry supply chains, managed by South Pole in partnership with WWF

## Challenge:

# Ensuring investment in CCA directly address on Climate Change problems

*Basic Elements of  
Climate Adaptation  
design required  
in GEF projects:*

### **i. Climate hazards**

2 to 3 scenarios considering both trends and variability or hazards (including consideration of *exposure*)



### **ii. Climate impacts**

Types and scale of impacts from the stated hazards (including consideration of *sensitivity*)



### **iii. Project Interventions**

Addressing stated impacts on the target population, considering: cost-benefits and financial/physical sustainability (including considerations of *adaptive capacity*)



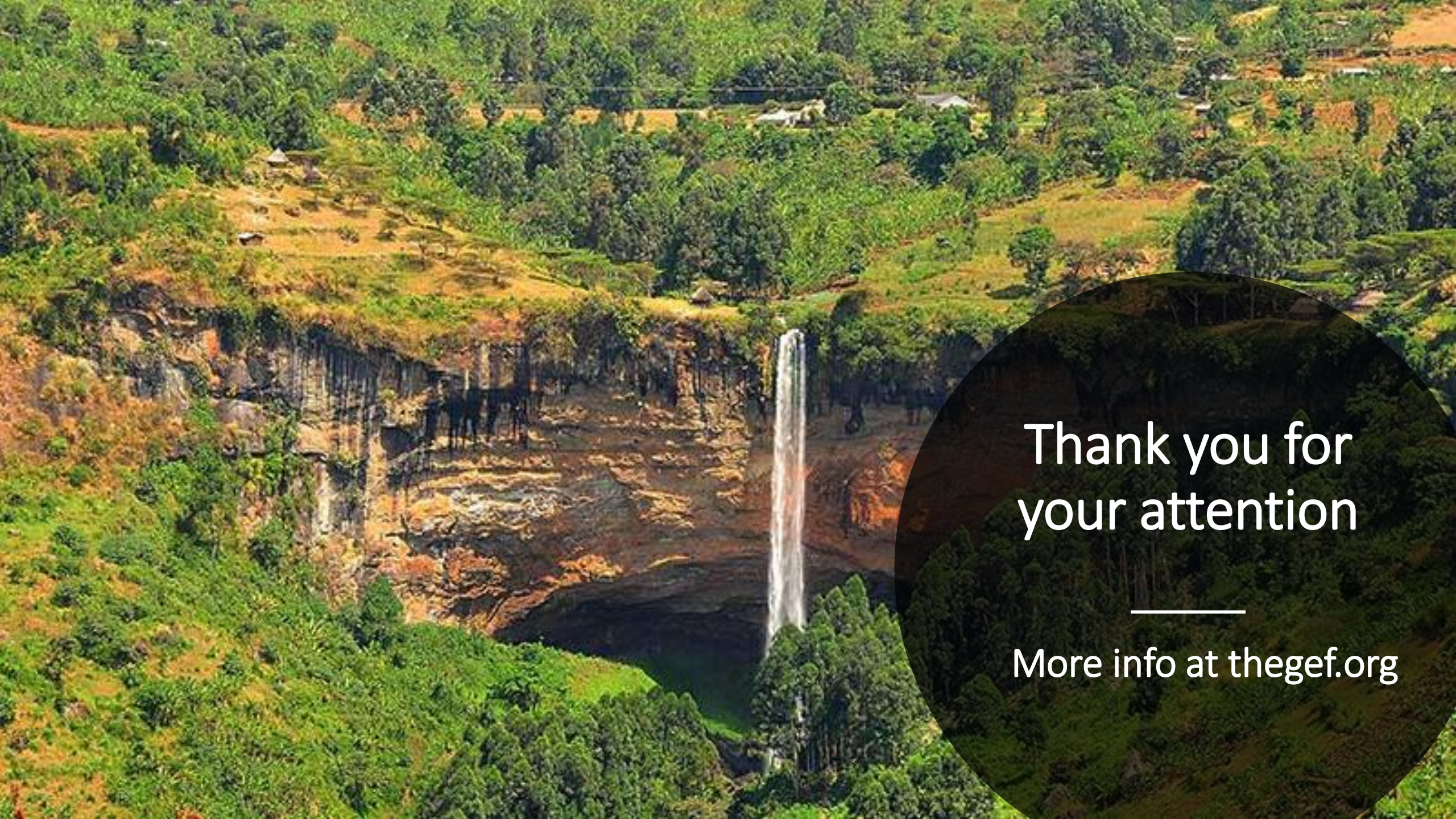
### **iv. CCA results and M&E**



# In conclusion:

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- Synergies between environmental benefits -> **critical need for integrated approaches at landscape/watershed level** (more impactful and more resilient).
- **SLWM strongly linked to the GEF TF with the Land Degradation Focal area.**
- large share of **agriculture in the LDCF and SCCF portfolio.**
- **Increasing portfolio on agriculture/food issues** (increased resources of Land Degradation area over the past cycles, more focus on value chains).
- **Food security as a co-benefit** + key element of the environmental strategy when food insecurity is a **driver of the environmental degradation.**
- **Key issues to consider in SLWM:** integrated planning, policy coherence, land tenure and rights, innovation, private sector involvement and finance access.



Thank you for  
your attention

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More info at [thegef.org](https://thegef.org)