



## GEF Sustainable Landscape Management Project (P154698)

EASTERN AND SOUTHERN AFRICA | Madagascar | Environment, Natural Resources & the Blue Economy Global Practice | IBRD/IDA | Investment Project Financing | FY 2017 | Seq No: 11 | ARCHIVED on 23-Dec-2022 | ISR52815 |

Implementing Agencies: Government of Madagascar- Ministry of Economy and Finance, Ministry of Agriculture, Livestock and Fisheries, Ministry of Environment and Sustainable Development, Ministry of Water, Sanitation and Hygiene, Project Implementation Unit-PADAP

**Key Dates****Key Project Dates**

Bank Approval Date: 23-Mar-2017

Effectiveness Date: 26-Oct-2017

Planned Mid Term Review Date: 10-Sep-2021

Actual Mid-Term Review Date: 25-Oct-2021

Original Closing Date: 01-Aug-2022

Revised Closing Date: 01-Aug-2023

**Project Development Objectives**

Project Development Objective (from Project Appraisal Document)

The Global Environmental Objective is: To increase access to improved irrigation services and agricultural inputs, and strengthen the integrated management of natural resources in the Selected Landscapes by the local actors and, to provide immediate and effective response to an Eligible Crisis or Emergency.

Has the Project Development Objective been changed since Board Approval of the Project Objective?

No

**Components Table**

Name

Component 1: Information and planning:(Cost \$4.20 M)

Component 2: Investments and capacity building in the selected landscapes:(Cost \$93.40 M)

Component 3: Project Management Coordination and M&E:(Cost \$9.45 M)

Component 4: Contingency Emergency Response:(Cost \$40.00 M)

**Overall Ratings**

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<input type="checkbox"/> Satisfactory	<input type="checkbox"/> Satisfactory
Overall Implementation Progress (IP)	<input type="checkbox"/> Satisfactory	<input type="checkbox"/> Satisfactory
Overall Risk Rating	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate

**Implementation Status and Key Decisions**

The project implementation status at the end of the FY22 are summarized below:

The Project Development Objectives (PDO) indicators continue to show progress.

- PDO indicator 1, the area served by new/improved irrigation or drainage services is 9,465 ha (47% of project objective) (target was revised upwards at restructuring) (ongoing contracts are expected to deliver over 70% by project closing).



- PDO indicator 2, the number of farmers adopting improved agricultural technology has reached 15,781 farmers (126% of project objective). The acceleration of the programming of agricultural activities (training, inputs) with the collaboration of the *Fonds de Développement Agricole* (FDA).
- PDO indicator 3, the area of land covered by sustainable landscape management practices has exceeded the objective of 550,000 hectares and is just under 712,367 hectares (130% of project objective), thanks in particular to the effective management of protected areas;
- PDO indicator 4, the number of direct beneficiaries of the project is 53,052 (106% of project objective) of which 46% female.

The project was severely penalized by the delays caused by financial procedures and the unavailability of funds, disbursing only approximately US\$3M in the first three quarters, however when funds were available, the project demonstrated that it can deliver, with nearly US\$6M disbursed in the final quarter of the calendar year. In spite of these delays the project is delivering results.

Approximately 9,465 ha of irrigation perimeters have been rehabilitated (47.3% in relation to the revised target of 20,000 ha) and with ongoing works is expected to deliver over 70% by the end of the project closing date on August 1, 2023.

Satisfactory results in the field in terms of adoption of improved techniques, functional infrastructure, improved access to equipment and mechanization materials, which led to an increase in yield to over 4 tons/ha has been noticed in the SAVA region. Reforestation campaigns have improved again this year, stabilization of gully erosion has begun and results of the landscape approach are beginning to be seen. Unfortunately the ensemble of activities are just becoming apparent, and the sequencing of upstream and downstream activities should have been launched at the same time in order to realize the full potential. Other important activities such as fire management and road rehabilitation are also being deployed and are an important part of the landscape approach.

One area that has not been effective is in deliver PES. While the first carbon payments are awaiting receipt and disbursement, payment for water services has proved difficult to set up.

Community based management of resources (whether water users associations or forest managers) are demonstrating that they can work but require ongoing and sustained support.

## Risks

### Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Macroeconomic	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Sector Strategies and Policies	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Technical Design of Project or Program	<input type="checkbox"/> High	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Institutional Capacity for Implementation and Sustainability	<input type="checkbox"/> High	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Fiduciary	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Environment and Social	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Stakeholders	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Other	--	--	--
Overall	<input type="checkbox"/> High	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate

## Results

### PDO Indicators by Objectives / Outcomes

Area provided with new/improved irrigation or drainage services (Hectare(Ha), Corporate)



► Area provided with irrigation and drainage services (ha) (Hectare(Ha), Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	9,465.00	9,465.00	20,000.00
Date	01-Aug-2017	18-May-2022	06-Dec-2022	31-Jul-2023
□ Area provided with irrigation and drainage services - Improved (ha) (Hectare(Ha), Corporate Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	9,465.00	9,465.00	20,000.00
Date	01-Aug-2017	02-Jun-2022	06-Dec-2022	31-Jul-2023

Farmers adopting improved agricultural technology (Number, Corporate)				
► Clients who have adopted an improved agr. technology promoted by the project (Number, Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	10,218.00	15,781.00	12,500.00
Date	01-Aug-2017	18-May-2022	06-Dec-2022	31-Jul-2023
Comments:	79 of last year 633 improved rice techniques 6 CSA 6 agroforestry 6 new animal feed production			
□ Clients who adopted an improved agr. technology promoted by project – female (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3,078.00	3,078.00	5,000.00
Date	01-Aug-2017	18-May-2022	06-Dec-2022	31-Jul-2023

Land area under sustainable landscape management practices (Hectare(Ha), Corporate)				
► Land area where sustainable land mgt. practices were adopted as a result of proj (Hectare(Ha), Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	659,267.00	712,367.00	550,000.00
Date	01-Aug-2017	02-Jun-2022	06-Dec-2022	31-Jul-2023
Comments:	The significant progress was due to the effectiveness of contracts with protected area managers.			

Direct project beneficiaries (Number, Custom)				
---	--	--	--	--



▶ Direct project beneficiaries (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	40,752.00	53,023.00	50,000.00
Date	01-Aug-2017	18-May-2022	06-Dec-2022	31-Jul-2023
Comments:	new 913			
□ Female beneficiaries (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	22.40	22.40	40.00

### Intermediate Results Indicators by Components

Component 1: Information and planning				
▶ Landscape management plans approved by the National Steering Committee and Regional Monitoring Committees (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	5.00	5.00	5.00
Date	01-Aug-2017	02-Jun-2022	06-Dec-2022	31-Jul-2023
▶ Spatial information system established and operational (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	01-Aug-2017	02-Jun-2022	06-Dec-2022	31-Jul-2023
▶ Policy Briefs prepared, validated and disseminated to stakeholders (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5.00
Date	01-Aug-2017	02-Jun-2022	06-Dec-2022	31-Jul-2023
Comments:	Briefs are currently being prepared namely and brief on gender, the National Rice Development Strategy and others.			
▶ Share of target beneficiaries with score Satisfied or above on application of integrated landscape approach in targeted landscapes (disaggregated by sex) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	65.00



Date	01-Aug-2017	02-Jun-2022	06-Dec-2022	31-Jul-2023
<input type="checkbox"/> Female (Percentage, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	65.00
Date	01-Aug-2017	02-Jun-2022	06-Dec-2022	31-Jul-2023
<input type="checkbox"/> Male (Percentage, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	65.00
Date	01-Aug-2017	02-Jun-2022	06-Dec-2022	31-Jul-2023

#### Component 2: Investments and capacity building in the selected landscapes

##### ► COBA operational (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	48.00	71.00	100.00
Date	01-Aug-2017	02-Jun-2022	06-Dec-2022	31-Jul-2023

##### ► Pilot payment for environmental services mechanism established (Number, Custom) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	4.00
Date	01-Aug-2017	02-Jun-2022	06-Dec-2022	31-Jul-2023

##### ► Area under conservation with a management plan (Hectare(Ha), Custom) (Hectare(Ha), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	564,151.00	288,497.00	400,000.00
Date	01-Aug-2017	02-Jun-2022	06-Dec-2022	31-Jul-2023

##### ► Area in protected areas in the targeted landscapes with Management Effectiveness Tracking Tool (METT)/IEG score over 70 (Number, Custom) (Hectare(Ha), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	195,651.00	195,651.00	150,000.00
Date	01-Aug-2017	02-Jun-2022	06-Dec-2022	31-Jul-2023

##### ► Irrigation systems managed by Water User Associations (Number, Custom)



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	12.00	8.00	43.00	25.00
Date	01-Aug-2017	02-Jun-2022	06-Dec-2022	31-Jul-2023
Comments:	The 8 WUA are the ones with recovery of minimum 70% of OM fees. The previous figure, 12 was all WUA operational.			
<b>► CSAs, STDs and CTDs operational (disaggregated by institution) (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	95.00	95.00	28.00
Date	01-Aug-2017	02-Jun-2022	06-Dec-2022	31-Jul-2023
Comments:	DRAEP SOFIA (SRGR) , DRAEP SAVA (SRGR et CIRAE/SRPV), DRAEP BOENY, DREEH BOENY			
<b>☐ STDs (Number, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	77.00	77.00	4.00
Date	01-Aug-2017	02-Jun-2022	06-Dec-2022	31-Jul-2023
<b>► Farmers reached with agricultural assets and services (disaggregated by sex) (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	12,222.00	20,600.00	20,600.00
Date	01-Aug-2017	18-May-2022	06-Dec-2022	31-Jul-2023
Comments:	Last year 5 921 78 this year November 11, 2021 is below the previous following verification and removal of double counting.			
<b>☐ Female (Number, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	939.00	939.00	8,000.00
Date	11-Nov-2021	11-Nov-2021	06-Dec-2022	31-Jul-2023
<b>Emergency Response Component</b>				
<b>► Number of Covid-19 tests conducted (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	82,195.00	272,799.00	272,799.00	350,000.00



Date	02-Nov-2020	30-Sep-2021	30-Sep-2021	31-Dec-2021
▶ Percentage of health facilities with no stock-outs of PPE during the last 30 days (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	70.00
Date	30-Sep-2021	02-Nov-2020	02-Nov-2020	31-Dec-2021

### Performance-Based Conditions

#### Data on Financial Performance

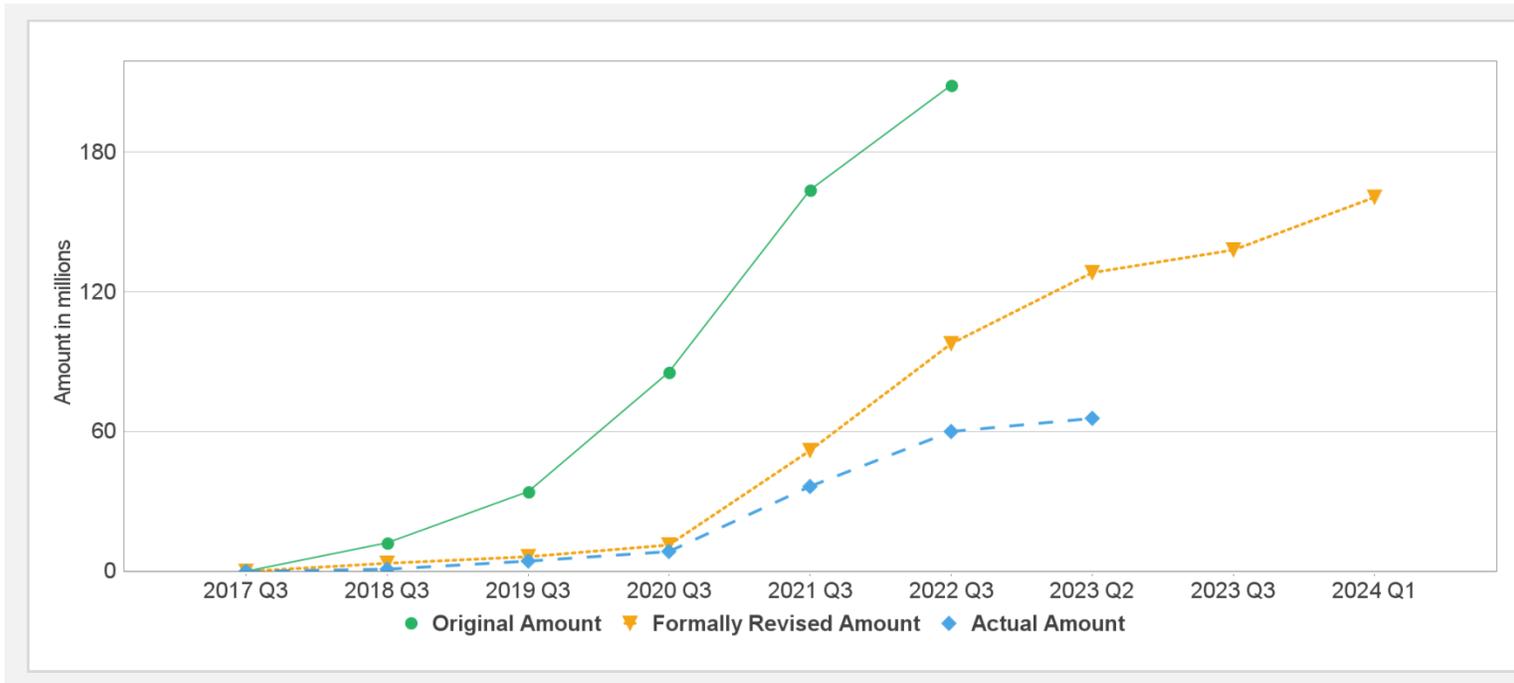
##### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P154698	IDA-59790	Effective	USD	65.00	65.00	0.00	61.93	6.15	91%
P154698	IDA-D8740	Effective	USD	40.00	40.00	0.00	0.00	36.48	0%
P157909	TF-A4482	Effective	USD	13.70	13.70	0.00	3.78	9.92	28%

##### Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P154698	IDA-59790	Effective	23-Mar-2017	20-Apr-2017	26-Oct-2017	01-Aug-2022	01-Aug-2023
P154698	IDA-D8740	Effective	30-Jun-2021	21-Jul-2021	27-Jul-2021	01-Aug-2023	01-Aug-2023
P157909	TF-A4482	Effective	15-Feb-2017	20-Apr-2017	26-Oct-2017	01-Aug-2022	01-Aug-2023

### Cumulative Disbursements



### Restructuring History

Level 2 Approved on 18-Dec-2020 ,Level Approved on 22-Dec-2020 ,Level 2 Approved on 26-Apr-2022

### Related Project(s)

P154698-GEF Sustainable Landscape Management Project ,P157909-GEF Sustainable Landscape Management Project ,P176449-Additional Financing to the Sustainable Landscape Management Project