The World Bank
DRC Improved Forested Landscape Management Project (P128887)

Implementation Status & Results Report

DRC Improved Forested Landscape Management Project (P128887)

EASTERN AND SOUTHERN AFRICA | Congo, Democratic Republic of | Environment, Natural Resources & the Blue Economy Global Practice |
Recipient Executed Activities | Investment Project Financing | FY 2014 | Seq No: 16 | ARCHIVED on 28-Jul-2022 | ISR51787 |

Implementing Agencies: Ministry of Environment and Sustainable Development, Ministry of Finance

Key Dates

Key Project Dates

Bank Approval Date: 24-Jun-2014

Effectiveness Date: 29-Apr-2015

Planned Mid Term Review Date: 15-Feb-2018

Actual Mid-Term Review Date: 03-Feb-2018

Original Closing Date: 31-Dec-2022

Revised Closing Date: 31-Dec-2022

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The project development objective is to test new approaches to improve community livelihoods and forested landscape management, andto reduce greenhouse gas emissions from deforestation and forest degradation in selected areas in the Recipient's territory.

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

No

Components Table

Name
Integrated REDD+ Projects in the Mai Ndombe Province:(Cost $38.34 M)
Facilitation of Private Sector Activities to Reduce Fuel Wood emissions:(Cost $8.00 M)
Promote small-scale agroforestry systems to reduce land-use emissions:(Cost $10.50 M)
Knowledge management and program Coordination:(Cost $4.49 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	Satisfactory	Moderately Satisfactory
Overall Implementation Progress (IP)	Moderately Satisfactory	Moderately Satisfactory
Overall Risk Rating	High	High

Implementation Status and Key Decisions

- **The parent project (FIP grant) closed on 30 June 2020 as planned (100% disbursement).** The PIU (UC-PIF) closed operations across all project components, including inventories and transfer of assets, closure of contracts, and preparation of component level completion reports. The FIP Completion Report was prepared and shared with the Bank in January 2021. It will support the preparation of the overall project's Implementation Completion Report (ICR) which will be prepared by the Bank in 2022/2023.

- **In the Mai-Ndombe Province, project implementation has progressed although COVID restrictions have put a strain on activities over 2020-2021:**

1/ In the Plateaux District, where activities closed in June 2020 (FIP grant), 215 Local Development Committees (LDC) were operationalized in the four territories (Bolobo, Kwamouth, Mushie, and Yumbi), and formally registered with proper articles of association and recognized by the decentralized administration. The LDCs are supporting the management planning exercise of their territories as validated by the four Councils for Agriculture and Rural Management (CART, Conseil Agricole Rural de Territoire) at the territory level with the aim of reducing pressure on native forests by promoting alternatives to slash-and-burn in forested landscapes. 133 Natural Resource Management Plans (NRMP) were completed out of an objective of 133. The validation of 25 NRMPs in the Yumbi Territory was not made possible due to December 2018 conflicts and subsequent withdrawal of project staff. In addition, there were 4 contentious NRMPs in the Bolobo Territory which had not been validated. A joint mission including representatives from UC-PIF, WWF, and national CSOs went to Yumbi and Bolobo Territories from November 25 to December 3, 2019, and resulted in 1) the validation of the 25 NRMPs in Yumbi and 2) suspending validation for the 4 NRMPs in Bolobo recognizing this the long-lasting customary conflicts over land limits in the area which do not allow local authorities to endorse the NRMPs for the time being. 155 LDCs (7,282 households) benefited from Payments for Environmental Services (PES), with around 1.36 million USD paid in the field and reinvested in micro-projects at the community and/or household level.

2/ In the Mai-Ndombe District, where activities are ongoing, 480 CLDs have been created or dynamized and are functional (out of the 400 expected) with 404 NRMPs validated. 1,800 hectares of agroforestry plantations (acacia) have been implemented (out of the 990 ha planned), 1,690 ha of oil palm (out of the 2,000 ha planned), 835 hectares of perennials (out of the 6,000 ha planned), 9,936 hectares of exclosures/set-asides (out of the 20,000 expected) 4 CARG and 15 CART have been revitalized and are functional, and about 1.6 USD million in PES has been paid to communities. 24 concessioner farmers (including 2 women and 2 Indigenous Peoples) and 9,593 farmers (including 3,203 women and 206 Indigenous Peoples) are direct beneficiaries of the project. Although in 2020-2021 progress was slowed down by COVID-related restrictions, the local implementing agency and NGO service providers remained in the field presence to engage with communities on awareness-raising and dialogue related to LCDs, nurseries, and PES. In November 2020 the PIU, local implementation agency, and Bank have agreed on an action plan to catch up with implementation delays throughout 2021. The project's Provincial Steering Committee was held in April 2022 in Inongo.

- **21,491 hectares of agroforestry plantations are in place (74% of the overall objective).** 894 ha have been lost to bushfires since Sept. 2019. The breakdown is as follows: Component 1: 7,458 ha including 4,070 ha under PIREDD Plateau (81% of the FIP objective), 3,490 ha under PIREDD Mai-Ndombe (116% of the CAFI objective), and 835 ha of perennials under PIREDD Mai-Ndombe (14% of the CAFI objective); Component 2: 5,493 ha (55% of the objective of the parent project); and Component 3: 7,603 ha (152% of the FIP objective)

- **In addition, 171,987 hectares of exclosures to facilitate natural regeneration by protecting land areas from bush fires are in place in savanna and forest areas.** The breakdown is as follows: Component 1: 162,119 ha including 149,989 ha under PIREDD Plateau (13,944 incl. 9,669 ha supported by PSE (accounting loss), and 136,045 of primary forest identified by communities for conservation) and 12,130 ha under PIREDD Mai-Ndombe; and Component 3: 9,868 ha.

- **Under Component 3, the project facilitated the dissemination of 86,625 cookstoves (115% of the objective)** and the avoidance of 0.34 million tons of CO2 (tCO2eq.).

- **Overall emission reductions generated by project activities are estimated at 6.40 million tCO2eq (EXACT tool).**

- **Regarding connectivity among territories, 252 kilometers of roads in Plateaux District were restored**. In the Mai Ndombe District, an infrastructure intervention plan was developed with authorities and started implementation in May 2021. As of June 2022, 60 kilometers of road have been restored through the HIMO approach (Mushi-Mbali axis), 1 metal bridge rehabilitated (46 meters in Ngapoko) and 14 bridges and 4 road culverts are being finalized.

- **The project website (www.pifrdc.org) has been up and running since November 15, 2017.** Its objective is to promote: (i) the dissemination of lessons learned; and (ii) the use of the Feedback and Grievance Redress Mechanism. Grievances can be submitted online or by contacting: (i) plaintes.recours.pif@gmail.com; (ii) the Forest Investment Program Coordination Unit (UC-PIF); (iii) the Local Implementing agencies (*Agences Locales d'Exécution*); and (iv) the CLDs or the CARTs.

- **A socioeconomic study focusing on the monetary and non-monetary benefits of the project was conducted** using a sampling of 1,650 households spread all over the project boundary, shows that 15,700 households or 110,000 inhabitants, including 58,400 women (92 percent of the end target of the parent project) have benefited from the project. Populations saw an 18% increase (+ US$448 per annum) in their incomes. A similar study was prepared in 2020 for the Mai Ndombe District to define the baseline and monitor socio-economic benefits for PIREDD Mai Ndombe. The monitoring of results was done in 2022 and the reports are under preparation.

Risks

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Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	--	☐High	☐High
Macroeconomic	--	☐High	☐High
Sector Strategies and Policies	--	☐High	☐High
Technical Design of Project or Program	--	☐Moderate	☐Moderate
Institutional Capacity for Implementation and Sustainability	--	☐Substantial	☐Moderate
Fiduciary	--	☐High	☐High
Environment and Social	--	☐Moderate	☐Moderate
Stakeholders	--	☐Substantial	☐Substantial
Other	--	--	--
Overall	--	☐High	☐High

Results

PDO Indicators by Objectives / Outcomes

To test new approaches to improve community livelihoods

►People in forest & adjacent community with monetary/non-monetary benefits from forest (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	110,000.00	110,000.00	220,000.00
Date	30-Jun-2014	31-Mar-2020	31-Mar-2020	31-Dec-2022
Comments:	A study led by the firm MULTINA MDK was done for FIP-related activities (parent project). Using a sampling size of 1,650 households spread throughout the project boundary, the study shows that 15,700 households or 110,000 inhabitants (92 percent of the end target of the FIP-funded parent project) have already benefited from the project. Populations saw an 18% increase (+ US$448 per annum) in their incomes. Non-monetary benefits remain preponderant (76%). They have been valued by using average prices for plant and livestock production, non-timber products, and other resources self-consumed by rural populations. Women (58,400) benefiting from the project already represent 146 percent of the end target (40,000) of the FIP-funded parent project. A similar study was done in 2020 (delay due to COVID) in the Mai Ndombe District to determine the baseline against which results for PIREDD Mai Ndombe will be measured. The monitoring of results is ongoing as of July 2022, and thus the indicator will only be updated later in 2022 to take into account results from the CAFI grant.			

☐People in forest and adjacent community with benefits from forest-female (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	58,400.00	58,400.00	90,000.00
Date	30-Jun-2014	31-Mar-2020	31-Mar-2020	31-Dec-2022

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☐People in forest&adj. commy with benefit from forest-Ethnic minority/indigenous (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	10,000.00
Date	30-Jun-2014	31-Mar-2020	31-Mar-2020	31-Dec-2022

To test new approaches to improve forested landscape management

►Designing and implementing new approaches (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	28.00	28.00	8.00
Date	30-Jun-2014	15-Dec-2021	30-Jun-2022	31-Dec-2019
Comments:	Designing a new approach: (i) Payment for Environmental Services (PES) rewarding efforts in agroforestry (1 point) and in the fight against bush fires (1 point) based on exclosures; (ii) Support the private sector by subsidizing agroforestry investments in the field (1 point); and (iii) promoting the production of non timber forest products out of the agroforestry models (1 point). Implementing a new approach (2 points per year): 8 points as the four new approaches described above have been implemented for two years. Satisfactory implementation (2 points per year): 8 points as the four new approaches described above have been satisfactorily implemented for two years.			

►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	188,318.00	193,478.00	350,000.00
Date	30-Jun-2014	15-Dec-2021	30-Jun-2022	31-Dec-2022
Comments:	The methodology to monitor this indicator has been reviewed with the PIU in order to align with the initial approach at the project design phase. Indeed, the PIU had decided over the course of the project to account for the total area covered under the Natural Resources Management Plans developed by communities. However, the current Task Team understands that at project design the targets were related to areas covered by actual outputs in terms of tree plantations and exclosures. This is in turn more consistent with the end target of 350,000 ha while the PIU's new approach reported results 10 times larger. Based on the approach revised in June 2021, the actual Land area where sustainable land mgt. practices were adopted as a result of the project is 193,478 ha (55% of the objective) broken down as follows: -21,491 hectares of agroforestry plantations. Component 1: 7,458 ha including 4,070 ha under PIREDD Plateau and 4,325 ha under PIREDD Mai-Ndombe; Component 2: 5,493 ha and Component 3: 7,603 ha. -171,987 hectares of exclosures. Component 1: 162,119 including 149,989 ha under PIREDD Plateau (13,944 incl. 9,669 ha supported by PSE (accounting loss), and 136,045 of primary forest identified by communities for conservation) and 12,130 ha under PIREDD Mai-Ndombe; and Component 3: 9,868 ha.			

To reduce greenhouse gas emissions from deforestation and forest degradation

►GHG emission reductions (and removals) generated under the project (Metric ton, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target

Value	0.00	5,919,548.00	6,400,000.00	9,600,000.00
Date	30-Jun-2014	15-Jun-2021	30-Jun-2022	31-Dec-2022
Comments:	In 2022 the PIU was trained with the EXACT Tool and worked with FAO experts to refine the GHG estimates.			

Intermediate Results Indicators by Components

Facilitation of Private Sector Activities to Reduce Fuel Wood emissions				
►Production of improved cookstoves (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	30-Jun-2014	30-Jun-2020	30-Jun-2020	31-Dec-2019
►ACCES-compliant cookstoves delivered to the Kinshasa market (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	80,625.00	80,625.00	70,000.00
Date	30-Jun-2014	30-Jun-2020	30-Jun-2020	31-Dec-2019
►Improved organization of the sector (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	5.00	5.00	7.00
Date	30-Jun-2014	30-Jun-2020	30-Jun-2020	31-Dec-2019
Comments:	The Alliance has a Board of Directors; affiliated members contribute fees to the Alliance in conformity with the organization's governing texts. The development of the Consumer Engagement Strategy was finalized.			

Integrated REDD+ Projects in the Mai Ndombe Province				
►Chiefdom (Chefferie) with Performance-Based Incentives and Investments mechanisms in place (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	78.00	78.00	55.00
Date	01-Jul-2014	15-Dec-2021	30-Jun-2022	31-Dec-2022
Comments:	Out of the 215 Local Development Committees (LDCs) identified in the former Plateaux District of the Mai-Ndombe Province (PIREDD Plateau), 155 signed contractual arrangements with the project based on performance-based incentives. Adding the former Mai-Ndombe District (PIREDD Mai-Ndombe), this is 480 (out of 400 expected under this tranche) as of December 2021. The total is 635 out of 815 or 78%.			

►Management Effectiveness Tracking Tool (METT) score for Tumba Lediima Natural Reserve (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	30.00	30.00	30.00	55.00
Date	15-May-2019	15-Dec-2021	30-Jun-2022	31-Dec-2022
Comments:	Indicator related to the new GEF AF which has started implementation in 2021. Will be updated in the next ISR period working with ICCN and the PIU.			

►Community sub-projects registered as REDD+ sub-projects (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2.00
Date	15-May-2019	15-Dec-2021	30-Jun-2022	31-Dec-2022
Comments:	Indicator related to the new GEF AF which has started implementation in 2021. Sub-projects are being prepared but will only be registered over the course of 2022.			

Promote small-scale agroforestry systems to reduce land-use emissions

►Biomass (energy) produced in a sustainable manner (Metric ton, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	999,500.00	2,037,057.00	1,755,000.00
Date	30-Jun-2014	15-Dec-2021	30-Jun-2022	31-Dec-2022
Comments:	In 2022, the PIU has updated the calibration of the IBI model (last ISR highlighted this would be done) in alignment with other PIREDD projects (financed by FONAREDD) as per the following main hypothesis: (i) 1 ha of acacia includes 1111 trees (3mx3m spacing); (ii) 1 adult tree weighs 100 kilograms; and (iii) 1 ha yields 111100 Kg, or 111 metric tons. As of June 2022, 18,351.96 ha of acacia trees have been planted with support from the project. That's a total of 2,037,057 metric tons of biomass.			

►New agroforestry plantations that received technical support from the project (Hectare(Ha), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	20,144.00	20,144.00	29,000.00
Date	30-Jun-2014	15-Dec-2021	30-Jun-2022	31-Dec-2022
Comments:	The 21,252 hectares represent the area of tree plantations (mainly acacia sp.) under various agroforestry schemes including Component 1: 7,458 ha including 4,070 ha under PIREDD Plateau and 4,086 ha under PIREDD Mai-Ndombe; Component 2: 5,493 ha and Component 3: 7,603 ha.			

►Participants in consultation activities during project implementation (number) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target

Value	0.00	177,525.00	198,560.00	70,000.00
Date	01-Jul-2014	15-Jun-2021	30-Jun-2022	31-Dec-2022
Comments:	The target of 70,000 consists of 30,000 for the parent project and 40,000 for CAF AF. 67,998 were consulted and participated in awareness activities under the parent project. As of June 2022, this is 130,562 for PIREDD Mai-Ndombe. The total is 198,560.			

☐Participants in consultation activities during project implementation - female (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	44,181.00	59,600.00	25,000.00
Date	01-Jul-2014	15-Jun-2021	30-Jun-2022	31-Dec-2022

►Farmers from the targeted villages who have adopted an improved agro-forestry technology promoted by the project (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	26,083.00	26,083.00	33,500.00
Date	30-Jun-2014	15-Dec-2021	30-Jun-2022	31-Dec-2022
Comments:	Target is 20,000 under the parent project and 13,500 under CAFI AF. The final result for the parent project is 16,490. As of June 2022, this is 9,593 for PIREDD Mai-Ndombe..			

☐Farmers from the targeted villages who adopted an improved agro-forestry. technology promoted by project ? female (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	7,081.00	7,081.00	11,000.00
Date	30-Jun-2014	15-Dec-2021	30-Jun-2022	31-Dec-2022

Performance-Based Conditions

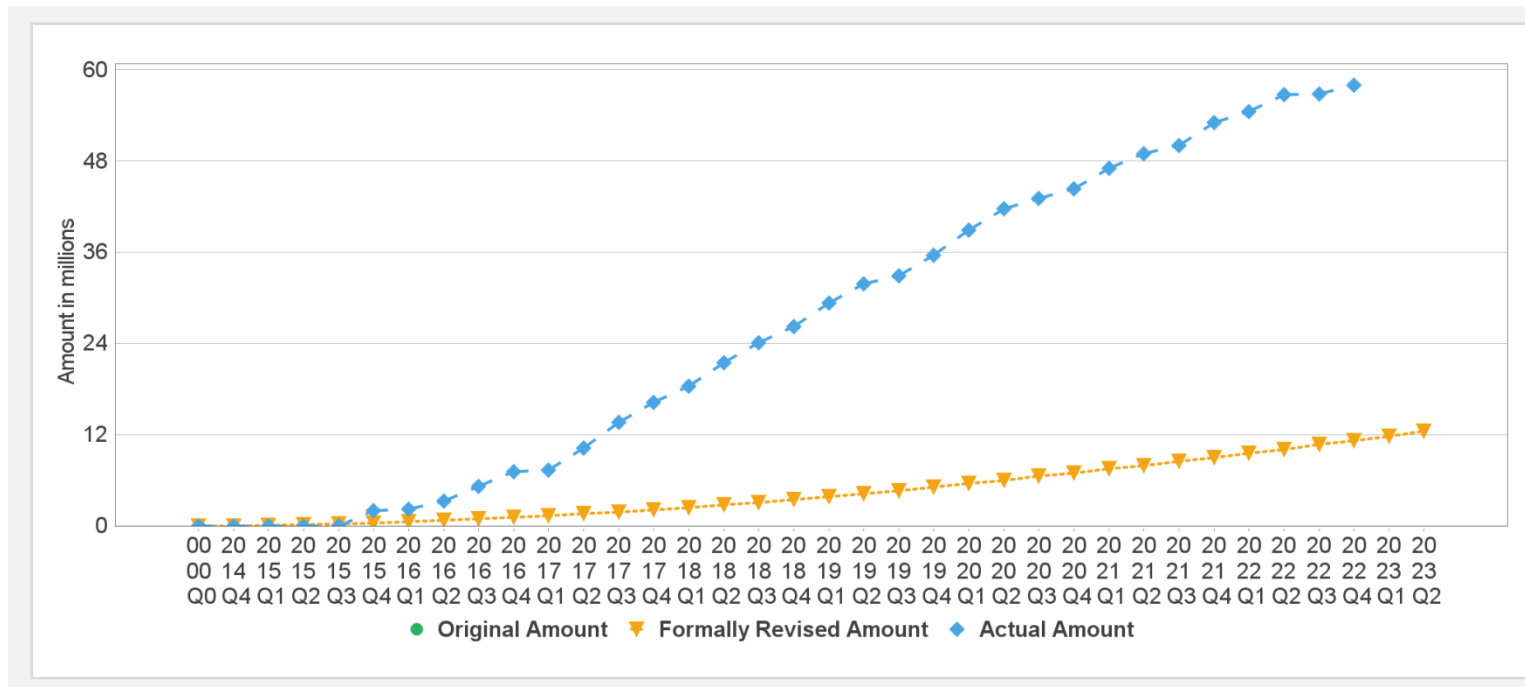**Data on Financial Performance**

Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed		% Disbursed
P128887	TF-16869	Closed	USD	36.90	36.87	0.03	36.87	0.00		100%
P128887	TF-A5081	Effective	USD	18.22	18.22	0.00	18.09	0.13		99%
P160182	TF-A9933	Effective	USD	6.21	6.21	0.00	3.00	3.21		48%

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Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P128887	TF-16869	Closed	08-Oct-2014	08-Oct-2014	29-Apr-2015	30-Jun-2020	30-Jun-2020
P128887	TF-A5081	Effective	28-Jun-2017	18-Jul-2017	18-May-2018	31-Dec-2022	31-Dec-2022
P160182	TF-A9933	Effective	31-May-2019	20-Jun-2019	16-Mar-2020	31-Dec-2022	31-Dec-2022

Cumulative Disbursements

Restructuring History

Level 2 Approved on 15-Dec-2020

Related Project(s)

P160182-Improved Forested Landscape Management Project (GEF AF) ,P162837-Mai-Ndombe REDD+ Integrated Project under CAFI