



## Gazetted Forests Management Project (P167678)

AFRICA | Benin | Environment, Natural Resources & the Blue Economy Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2019 | Seq No: 3 | ARCHIVED on 29-Jun-2020 | ISR42653 |

Implementing Agencies: Ministry of Environment and Sustainable Development, Ministry of Economy of the Republic of Benin

### Key Dates

#### Key Project Dates

Bank Approval Date: 30-May-2019

Effectiveness Date: 01-Oct-2019

Planned Mid Term Review Date: 30-Nov-2023

Actual Mid-Term Review Date:

Original Closing Date: 30-Nov-2026

Revised Closing Date: 30-Nov-2026

### Project Development Objectives

Project Development Objective (from Project Appraisal Document)

To improve the integrated management of targeted Gazetted Forests, to increase access of the main consumption cities to fuelwood produced sustainably, and to strengthen selected non-timber forest product value chains for forest-dependent communities

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

No

### Components Table

Name

Support to Forests Governance:(Cost \$9.77 M)  
Integrated Management of Gazetted Forests:(Cost \$57.20 M)  
Development of Selected NTFP Value Chains:(Cost \$4.10 M)  
Project Management:(Cost \$3.90 M)

### Overall Ratings

Name

Previous Rating

Current Rating

Progress towards achievement of PDO

Satisfactory

Satisfactory

Overall Implementation Progress (IP)

Satisfactory

Satisfactory

Overall Risk Rating

Substantial

Low

### Implementation Status and Key Decisions

Implementation progress is on track with reforestation activities launched during this planting campaign. 2650 ha of plantations will be established during the 2020 campaign, of which 1900 ha of fuelwood and 750 ha of timber.



## Risks

### Systematic Operations Risk-rating Tool

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

## Results

### PDO Indicators by Objectives / Outcomes

Improve integrated mgmt of GFs; increase access to sust. fuelwood; strengthen NTFP value chains				
▶ PDO Indicator 1: Gazetted Forest areas under sustainable management based on defined criteria (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	8,909.00	8,909.00	8,909.00	917,951.00
Date	31-May-2019	09-Mar-2020	26-Jun-2020	30-Nov-2026
Comments:	This indicator measures the total areas of GF that will be managed based on the satisfaction of criteria pertaining to techniques in: 1) agroforestry, 2) taungya method, and 3) agricultural intensification.			
▶ PDO Indicator 2: Net greenhouse gas emissions (Metric ton, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	12,600,000.00
Date	31-May-2019	09-Mar-2020	26-Jun-2020	30-Nov-2026
Comments:	This indicator measures climate mitigation potential through: (i) CO2 sequestered from direct investments in the field (components 2.3 and 3.1). GHG reductions and removals are measured using proxies for carbon sequestration.			



► PDO Indicator 3: Standing volume of wood energy plantations (Cubic Meter(m3), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	10,800.00	10,800.00	10,800.00	1,810,800.00
Date	31-May-2019	09-Mar-2020	26-Jun-2020	30-Nov-2026
Comments:	This indicator measures the total standing volume of fuelwood produced by plantations established by the project to supply the three major energy consumption hubs (Cotonou, Abomey-Calavi and Porto-Novo).			
► PDO Indicator 4: Communities adjacent to targeted GFs with increased access to income sources through NTFP value chains (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,000.00
Date	31-May-2019	09-Mar-2020	26-Jun-2020	30-Nov-2026
Comments:	This indicator measures the extent to which communities adjacent to targeted GF have seen improvements of revenues as a result of project interventions. This may cover both monetary income and non-monetary benefits such as capacity building or improved access to markets.			
► PDO Indicator 5: Satisfaction of beneficiaries (level of engagement, by gender and age) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	70.00
Date	31-May-2019	09-Mar-2020	26-Jun-2020	30-Nov-2026
Comments:	Satisfaction with project interventions focuses on (i) GF co-management associations and farmers benefiting from agro-forestry and intensification techniques, as well as performance-based incentives payments and; (ii) perception whether interventions are effective and meet the demand of project beneficiaries and will be solicited through a semi-structured questionnaire.			

### Intermediate Results Indicators by Components

Component 1: Support to Forests Governance				
► Intermediate Indicator 1: Forest area brought under management plans (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	917,951.00
Date	31-May-2019	09-Mar-2020	26-Jun-2020	30-Nov-2026
Comments:	This indicator measures the capacity of the Forest Administration to develop GF management plans.			
► Intermediate Indicator 2: Areas of GF patrolled by the forest rangers (Square kilometer(km2), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	883.00	883.00	883.00	7,983.00
Date	31-May-2019	09-Mar-2020	26-Jun-2020	30-Nov-2026
Comments:	This indicator measures the effectiveness of forest surveillance as measured by annual GF surveillance plan reports.			
<b>► Intermediate Indicator 3: Improved organizational arrangements for GF submitted to the Government for adoption (Yes/No, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	31-May-2019	09-Mar-2020	26-Jun-2020	30-Nov-2026
Comments:	This indicator measures the organizational structure changes to be adopted by the Government for optimal management of the country's GFs			
<b>► Intermediate Indicator 4: Financial instrument selected to finance recurrent costs of GF management in the long run (Yes/No, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	31-May-2019	09-Mar-2020	26-Jun-2020	30-Nov-2026
Comments:	This indicator assesses the effectiveness of the GF financial sustainability instrument.			

## Component 2: Integrated Management of Gazetted Forests

### ► Intermediate Indicator 5: Farmers adopting improved agricultural technology (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2,000.00
Date	31-May-2019	09-Mar-2020	26-Jun-2020	30-Nov-2026
Comments:	This indicator measures the effectiveness of agroforestry and intensification adoption by farmers in dedicated areas in GFs.			

### ► Intermediate Indicator 6: Surface areas brought under enhanced biodiversity conservation (Hectare(Ha), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	88,377.00	88,377.00	88,377.00	367,180.00
Date	31-May-2019	09-Mar-2020	26-Jun-2020	30-Nov-2026
Comments:	This indicator is a WBG core indicator and will assess the level of encroachment of agriculture, transhumance and hunting in demarcated areas for enhanced conservation in GFs.			

### ► Intermediate Indicator 7: Transhumance corridors created by the project (Number, Custom)



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.00	1.00	1.00	11.00
Date	31-May-2019	09-Mar-2020	26-Jun-2020	30-Nov-2026
Comments:	This indicator assesses the establishment of sustainable transhumance corridors traversing GFs.			
<b>► Intermediate Indicator 8: Producers adopting improved carbonization techniques (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	300.00
Date	31-May-2019	09-Mar-2020	26-Jun-2020	30-Nov-2026
Comments:	This indicator will assess the number of charcoal producers using fuelwood energy-efficient techniques to carbonize wood for the purpose of transforming it into charcoal.			
<input type="checkbox"/> of which women (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	200.00
Date	12-Mar-2019	09-Mar-2020	26-Jun-2020	30-Nov-2026
<b>► Intermediate Indicator 9: Plantations of wood energy established and managed (disaggregated by GF) (Hectare(Ha), Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	90.00	90.00	90.00	15,090.00
Date	31-May-2019	09-Mar-2020	26-Jun-2020	30-Nov-2026
Comments:	This indicator assesses the capacity of fuelwood production in 6 of the project's targeted forests.			
<input type="checkbox"/> Dan (Hectare(Ha), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	35.00	35.00	35.00	1,235.00
Date	31-May-2019	09-Mar-2020	26-Jun-2020	30-Nov-2026
<input type="checkbox"/> Ketou (Hectare(Ha), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	45.00	45.00	45.00	3,045.00
Date	31-May-2019	09-Mar-2020	26-Jun-2020	30-Nov-2026
<input type="checkbox"/> Logozehe (Hectare(Ha), Custom Breakdown)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,300.00
Date	31-May-2019	09-Mar-2020	26-Jun-2020	30-Nov-2026
<input type="checkbox"/> Oueme-Boukou (Hectare(Ha), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	10.00	10.00	10.00	3,010.00
Date	31-May-2019	09-Mar-2020	26-Jun-2020	30-Nov-2026
<input type="checkbox"/> Tchaourou-Toui-Kilibo (Hectare(Ha), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3,500.00
Date	31-May-2019	09-Mar-2020	26-Jun-2020	30-Nov-2026
<input type="checkbox"/> Agoua (Hectare(Ha), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3,000.00
Date	31-May-2019	09-Mar-2020	26-Jun-2020	30-Nov-2026
<b>► Intermediate Indicator 10: Surface areas granted to farmers to apply the taungya system (Hectare(Ha), Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5,000.00
Date	31-May-2019	09-Mar-2020	26-Jun-2020	30-Nov-2026
Comments:	This indicator measures the total areas that can be granted to farmers to apply the taungya methods in wood energy plantations. Based on the Beninese experience with the Taungya method, up to half total areas of wood energy plantations can be allocated to farmers to implement this method. Explanation: Given that most of the farmers are small holder farmers who have an average of 2 ha of farmland/person and it is estimated that 2,500 of farmers are currently cultivating in project targeted GF, hence the target of 5,000 ha.			
<input type="checkbox"/> of which women (Hectare(Ha), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2,500.00
Date	12-Mar-2019	09-Mar-2020	26-Jun-2020	29-May-2026
<b>► Intermediate Indicator 11: Plantations of timber established and managed (disaggregated by GF) (Hectare(Ha), Custom)</b>				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	805.00	805.00	805.00	7,805.00
Date	31-May-2019	09-Mar-2020	26-Jun-2020	30-Nov-2026
Comments:	This indicator assesses the capacity of timber production in two of the project's targeted forests.			
<input type="checkbox"/> Dogo (Hectare(Ha), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	805.00	805.00	805.00	5,805.00
Date	31-May-2019	09-Mar-2020	26-Jun-2020	30-Nov-2026
<input type="checkbox"/> Toffo (Hectare(Ha), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2,000.00
Date	31-May-2019	09-Mar-2020	26-Jun-2020	30-Nov-2026

### Component 3: Development of Selected Non-Timber Forest Product Value Chains

#### ► Intermediate Indicator 12: Shea trees established and managed in and around targeted GF in the north (disaggregated by GF) (Hectare(Ha), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,500.00
Date	31-May-2019	09-Mar-2020	09-Mar-2020	30-Nov-2026
Comments:	This indicator assesses the number of hectares of shea trees planted in four targeted forests in the North of the country.			
<input type="checkbox"/> Trois Rivières (Hectare(Ha), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	400.00
Date	31-May-2019	09-Mar-2020	09-Mar-2020	30-Nov-2026
<input type="checkbox"/> Alibori Supérieur (Hectare(Ha), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	400.00
Date	31-May-2019	09-Mar-2020	09-Mar-2020	30-Nov-2026
<input type="checkbox"/> Ouémé Supérieur Ndali (Hectare(Ha), Custom Breakdown)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	400.00
Date	31-May-2019	09-Mar-2020	09-Mar-2020	30-Nov-2026
□ Ouenou-Benou (Hectare(Ha), Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	300.00
Date	31-May-2019	09-Mar-2020	09-Mar-2020	30-Nov-2026
▶ Intermediate Indicator 13: Women shea nut collectors organized and producing energy-efficient shea butter for national and regional sale (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	200.00
Date	31-May-2019	09-Mar-2020	09-Mar-2020	30-Nov-2026
Comments:	This indicator assesses the effectiveness of structuring the shea butter value chain. Based on surveys, initial estimates are approximately 500 women producers in the target areas. This number will be confirmed in the first year's data collection.			
▶ Intermediate Indicator 14: Honey producers organized and producing honey for national and regional sale (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	200.00
Date	31-May-2019	09-Mar-2020	09-Mar-2020	30-Nov-2026
Comments:	This indicator assesses the effectiveness of structuring Acacia honey value chain.			

## Performance-Based Conditions

### Data on Financial Performance

#### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P167678	IDA-D4770	Effective	USD	75.00	75.00	0.00	4.40	69.41	6%

#### Key Dates (by loan)

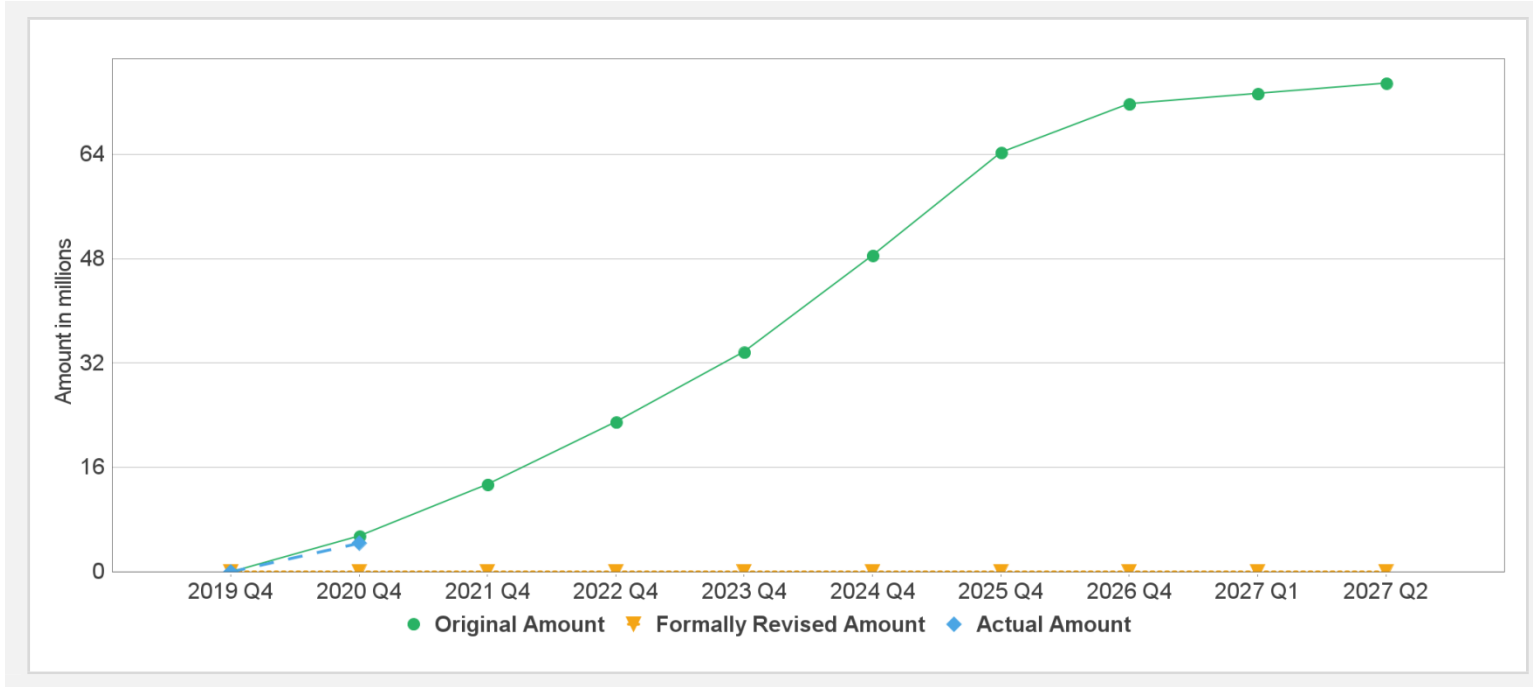
Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
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P167678	IDA-D4770	Effective	30-May-2019	20-Jun-2019	01-Oct-2019	30-Nov-2026	30-Nov-2026
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### Cumulative Disbursements



### PBC Disbursement

PBC ID	PBC Type	Description	Coc	PBC Amount	Achievement Status	Disbursed amount in Coc	Disbursement % for PBC
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#### Restructuring History

There has been no restructuring to date.

#### Related Project(s)

There are no related projects.