



## BF - Support to the National Biodigester Program (P156413)

AFRICA WEST | Burkina Faso | Environment, Natural Resources & the Blue Economy Global Practice |  
Recipient Executed Activities | Investment Project Financing | FY 2017 | Seq No: 2 | ARCHIVED on 25-Nov-2020 | ISR41272 |

Implementing Agencies: Ministry of Animal and Fishery Resources, SNV

### Key Dates

#### Key Project Dates

Bank Approval Date: 21-Jan-2017  
Planned Mid Term Review Date: --  
Original Closing Date: 31-Oct-2025

Effectiveness Date: 30-Dec-2016  
Actual Mid-Term Review Date:  
Revised Closing Date: 31-Oct-2025

### Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Project Development Objective is to increase use of biodigesters in rural households of Burkina Faso.

The long term objective of this project is to support Burkina Faso s efforts in mitigating climate change through the promotion of the biodigester technology to rural cattle-owning households, which, in addition, provides several benefits for the households, including better access to clean energy and slurry to improve soil fertility.

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

No

### Overall Ratings

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

### Implementation Status and Key Decisions

As of mid-2019, the formal verification process accounted the emission reduction related to the installation of about 9,100 biodigesters. While this is encouraging, this is under the expectations and could lead to a total production of CER about 30% lower than expected if PNB cannot raise the production of biodigesters above 2,000 units per year.

The cycle of verification and payments is performing well, with already three payments to SNV accounting for about US\$1m. These funds have been instrumental to ensure the sustainability of PNB-BF program after the Dutch funding was terminated in 2019.

The lower amount of CERs to be purchased by the World Bank as per the Emission Reduction Purchase Agreement (ERPA) will lead to a restructuring and a reduction of the overall amount of CERs to be purchased by the Bank.



**Risks**

**Systematic Operations Risk-rating Tool**

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

**Results**

**PDO Indicators by Objectives / Outcomes**

Promoting the biodigester technology to rural cattle-owning households				
▶ Biodigester installed per year (number) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1,323.00	1,708.00	1,708.00	3,600.00
Date	31-Dec-2015	31-Dec-2018	31-Dec-2018	31-Dec-2026
▶ Direct project beneficiaries (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	8,000.00	55,158.00	55,158.00	180,000.00
Date	31-Dec-2015	30-Jun-2019	30-Jun-2019	31-Dec-2026

**Intermediate Results Indicators by Components**

Supporting the National Biodigester Program
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► ERPA amount covered by the installed capacity (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	46.00	46.00	65.00
Date	31-Dec-2015	30-Jun-2019	30-Jun-2019	31-Dec-2026
► biogas sector development (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3.00
Date	31-Dec-2015	13-Apr-2020	13-Apr-2020	31-Dec-2026
► PNB-BF financing gap <sup>18</sup> for phase III covered by the installed capacity of CER production (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	44.00	44.00	65.00
Date	31-Dec-2015	31-Dec-2019	31-Dec-2019	31-Dec-2026

### Performance-Based Conditions

#### Data on Financial Performance

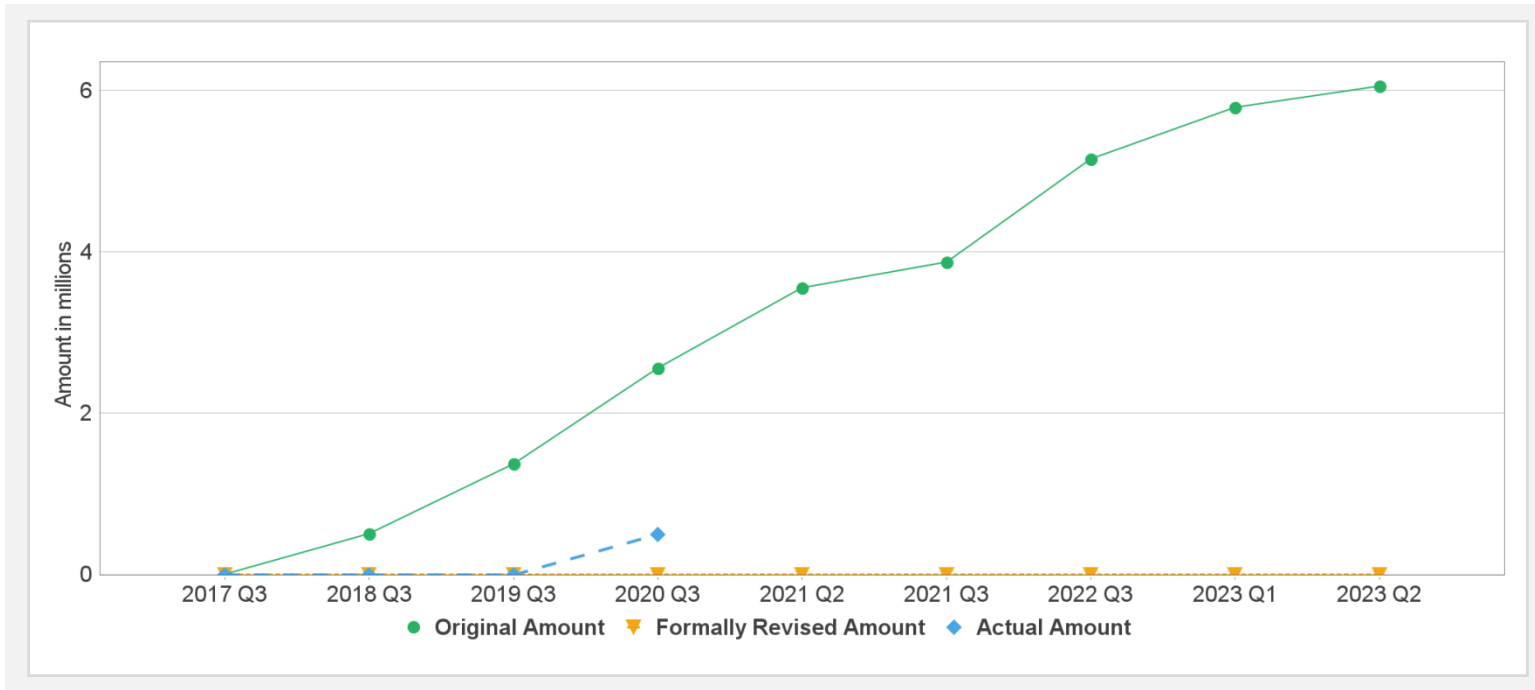
##### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P156413	TF-A4117	Effective	USD	6.05	6.05	0.00	0.97	5.08	16%

##### Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P156413	TF-A4117	Effective	19-Dec-2016	30-Dec-2016	30-Dec-2016	31-Oct-2025	31-Oct-2025

#### Cumulative Disbursements



#### PBC Disbursement

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

#### Restructuring History

There has been no restructuring to date.

#### Related Project(s)

There are no related projects.