Public Disclosure Authorized

Hydropower Development on the Sanaga River Technical Assistance Project (P157733)

AFRICA | Cameroon | Energy & Extractives Global Practice |
IBRD/IDA | Investment Project Financing | FY 2017 | Seq No: 6 | ARCHIVED on 23-Dec-2019 | ISR39960 |

Implementing Agencies: Electricity Development Corporation (EDC), Ministry of Water and Energy (MINEE), Government of Cameroon

Key Dates

Key Project Dates

Bank Approval Date: 11-May-2017
Effectiveness Date: 29-Oct-2019
Planned Mid Term Review Date: --
Actual Mid-Term Review Date:
Original Closing Date: 31-Jul-2023
Revised Closing Date: 31-Jul-2023

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Project development objective is to improve the Recipient's institutional capacity for a sustainable development of hydroelectric resources on the Sanaga River Basin.

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

No

Components

Name
Identification of hydropower project sites on the Sanaga River Basin:(Cost $11.00 M)
Supervision of the Nachtigal Hydroelectric Project:(Cost $1.50 M)
Hydrological Risk Mitigation and Dam Safety:(Cost $5.50 M)
Advisory services for hydroelectric assets concession schemes:(Cost $1.75 M)
Establishment of an integrated reservoir management plan for optimal hydropower generation on the Sanaga river:(Cost $1.75 M)
Project Management Support and Capacity Building:(Cost $7.20 M)

Overall Ratings

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

Implementation Status and Key Decisions

The project was approved on May 11, 2017 and the Legal Agreements signed on February 28, 2019 after an extension of signing deadline was requested by the Borrower and processed by the Bank. Effectiveness was declared on October 28, 2019.
The two Project Implementation Units are fully operational and working towards the finalization of the main terms of reference of the main activities for a start of procurement processes early 2020.

Risks

Systematic Operations Risk-rating Tool

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

Results

PDO Indicators by Objectives / Outcomes

Improve the Recipient's institutional capacity for a sustainable development of hydroelectric resour

▸Priority Hydroelectric site on the Sanaga River identified and awarded to a private concessionaire on a competitive basis for its development (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	11-May-2017	30-Apr-2019	13-Dec-2019	31-Jul-2023

◢Hydroelectric site selected by GoC (Yes/No, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	11-May-2017	30-Apr-2019	13-Dec-2019	15-Feb-2021

◢Bidding documents for the selection of a private concessionnaire available (Yes/No, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	11-May-2017	30-Apr-2019	13-Dec-2019	31-Dec-2021

◢Bankable feasibility study (including engineering and safeguards studies) completed (Yes/No, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	11-May-2017	30-Apr-2019	13-Dec-2019	31-Dec-2021

►Hydrology risk mitigation mechanisms identified and implementation roadmap prepared (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	11-May-2017	30-Apr-2019	13-Dec-2019	31-Jul-2023

◢Climate change study and impact on hydrology on the Sanaga River prepared (Yes/No, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	11-May-2017	30-Apr-2019	13-Dec-2019	15-Mar-2021

◢Hydrology risk mitigation mechanisms identified (Yes/No, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	11-May-2017	30-Apr-2019	13-Dec-2019	30-Mar-2022

◢Implementation roadmap prepared (Yes/No, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	11-May-2017	30-Apr-2019	13-Dec-2019	30-Jun-2022

►Dam safety framework adopted by MINEE and ready for implementation (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	31-May-2017	30-Apr-2019	13-Dec-2019	31-Jul-2023

Intermediate Results Indicators by Components

Identification of hydropower project sites on the Sanaga River Basin

►Sanaga River Basin Hydropower Potential Optimization Study available and approved by the Steering Committee (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	11-May-2017	30-Apr-2019	13-Dec-2019	31-Jul-2023

►Feasibility study for the selected hydropower project completed and ESIA published (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	11-May-2017	30-Apr-2019	13-Dec-2019	31-Jul-2023

►Bidding documents for the selection of a developer for the selected hydropower project prepared (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	11-May-2017	30-Apr-2019	13-Dec-2019	31-Jul-2023

Supervision of the Nachtigal Hydroelectric Project

►Qualified technical assistance for oversight of Nachtigal Hydropower Project's construction recruited before the works start (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	11-May-2017	30-Apr-2019	13-Dec-2019	31-Jul-2023

Hydrological Risk Mitigation and Dam Safety

►Hydrology and Climate Change Study on the Sanaga River completed and approved by the Steering Committee (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	11-May-2017	30-Apr-2019	13-Dec-2019	31-Jul-2023

►Generation capacity (MW) benefiting from the sustainaibility mechanisms developed under the project (i.e. Hydrology risk mitigation mechanisms and Dam safety framework adopted (Megawatt, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,150.00
Date	11-May-2017	30-Apr-2019	13-Dec-2019	31-Jul-2023

▸Dam safety assessment of Mapé, Bamendjin and Mbakaou completed (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	11-May-2017	30-Apr-2019	13-Dec-2019	31-Jul-2023

Advisory services for hydroelectric assets concession schemes

▸All publicly funded Hydroelectric Assets are under an O&M contract (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	11-May-2017	30-Apr-2019	13-Dec-2019	31-Jul-2023

Establishment of an integrated reservoir management plan for optimal hydropower generation on the Sanaga river

▸An operational model for managing reservoirs according to the forecasted and real time energy needs has been developed (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	11-May-2017	30-Apr-2019	13-Dec-2019	31-Jul-2023

▸Assistant Project Manager to EDC for the operationalization of the Permanent Technical Secretariat of the Sanaga Basin Commission is recruited (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	11-May-2017	30-Apr-2019	13-Dec-2019	31-Jul-2023

Project Management Support and Capacity Building

▸Panel of Experts, including dam safety and environmental and social expertise, recruited (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	11-May-2017	30-Apr-2019	13-Dec-2019	31-Jul-2023

▸Methodology developed to evaluate the specific capacity enhancement of the Recipients' human resources achieved by implementing the project (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes

Date	11-May-2017	30-Apr-2019	13-Dec-2019	31-Jul-2023

▸Capacity needs assessment completed to identify future skills needs for Cameroon when developing the hydroelectricity value chain over the next 20 years (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	11-May-2017	30-Apr-2019	13-Dec-2019	31-Jul-2023

▸Number of internships completed under the Project (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	8.00
Date	11-May-2017	30-Apr-2019	13-Dec-2019	31-Jul-2023

◢of which those completed by women (Number, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	4.00
Date	11-May-2017	30-Apr-2019	13-Dec-2019	31-Jul-2023

▸Project-related grievances registered under the project grievance redress mechanism and addressed (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	95.00
Date	11-May-2017	30-Apr-2019	13-Dec-2019	31-Jul-2023

Data on Financial Performance

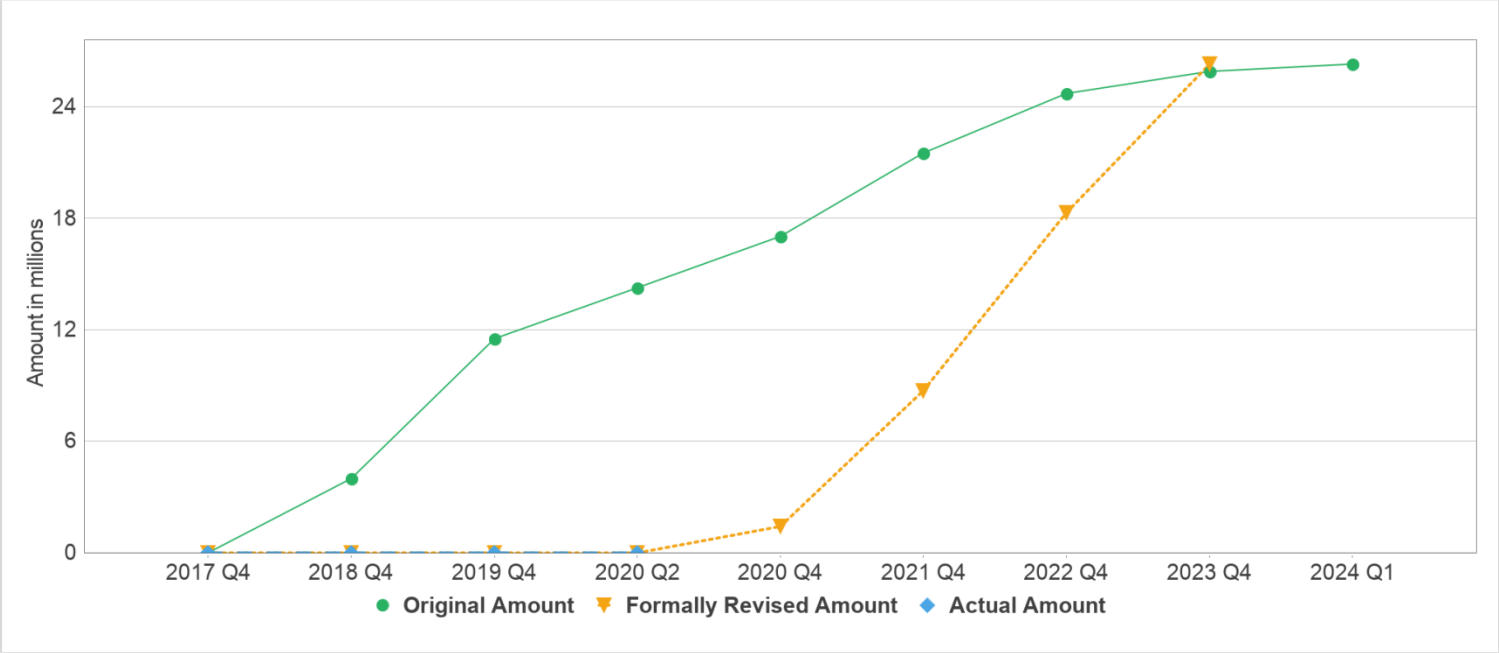
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P157733	IDA-60440	Effective	USD	11.84	11.84	0.00	0.00	12.42	0%
P157733	IDA-60450	Effective	USD	14.47	14.47	0.00	0.00	15.19	0%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P157733	IDA-60440	Effective	11-May-2017	28-Feb-2019	29-Oct-2019	31-Jul-2023	31-Jul-2023
P157733	IDA-60450	Effective	11-May-2017	28-Feb-2019	29-Oct-2019	31-Jul-2023	31-Jul-2023

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.