



Emergency Water and Electricity Services Upgrading Project (P148797)

AFRICA WEST | Guinea-Bissau | Water Global Practice |
IBRD/IDA | Investment Project Financing | FY 2014 | Seq No: 13 | ARCHIVED on 24-Dec-2020 | ISR44961 |

Implementing Agencies: Ministry of Economy and Finance, PIU

Key Dates

Key Project Dates

Bank Approval Date: 29-May-2014

Effectiveness Date: 28-Jul-2014

Planned Mid Term Review Date: 09-Jan-2017

Actual Mid-Term Review Date: 09-Jan-2017

Original Closing Date: 30-Jun-2018

Revised Closing Date: 31-Dec-2021

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The objective of the Project is to: (i) restore and increase the access of the population of the Recipient's capital city of Bissauto safe water and improve the quality of water services; and (ii) improve the reliability of electricity supply to the population of Bissau.

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

Yes

Board Approved Revised Project Development Objective (If project is formally restructured)

The objective of the Project is to: (a) restore and increase the access of the population of the Recipient's capital city of Bissau to safe water and improve the quality of water services; (b) improve the reliability of electricity supply to the population of Bissau; and (c) improve the performance of EAGB.

Components Table

Name

1. Water supply:(Cost \$20.75 M)
2. Electricity supply:(Cost \$13.31 M)
3. Support to project implementation and EAGB:(Cost \$13.44 M)

Overall Ratings

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

Implementation Status and Key Decisions

The initial project (22.5 MUSD) was approved in May 29, 2014, and an Additional Financing – AF (25 MUSD) was prepared and became effective in September 28, 2017, the closing date of the parent project and the AF is December 31, 2021. The Additional Financing will enable the scaling-up of the parent Project through the financing of new or rehabilitation of existing infrastructures in water and energy to improve access to water and



electricity services in Bissau, and also to start the reform process of EAGB, with the support of a private operator, through a Service Contract. The activities conducted so far under the parent project are already showing impact on the ground.

Progress on the different components

Component A - Water supply

The water works financed under the parent Project were completed by the end of September 2019. The Consultant-firm PROSPECTIVA has been selected to carry out the technical design and supervision for the water and electricity works to be funded under the PUASEE AF. The approval and signature of the works contract by the authorities is expected by end of December 2020.

Component B - Electricity supply

The electricity works and equipment funded under the parent project have been implemented and installed successfully. The Bank supported the Client in developing a least-cost generation expansion plan which was submitted on June 2020 to the MERN for approval. This is a disbursement condition for the start of the electricity sub-component works under the project additional financing. The approval of this plan is expected at least on January 2021 before the start of civil works on the field.

Component C - Support to project implementation and EAGB

The service operator contracted by the Government to improve performance of EAGB – the consortium Electricidade de Portugal/Agua de Portugal -- had to leave the country because of COVID 19 back in March. The Government is discussing with the consortium the possibility and conditions of contract resumption in early 2021.

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
Macroeconomic	--	<input type="checkbox"/> High	<input type="checkbox"/> Moderate
Sector Strategies and Policies	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Technical Design of Project or Program	--	<input type="checkbox"/> Low	<input type="checkbox"/> Low
Institutional Capacity for Implementation and Sustainability	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Fiduciary	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate
Environment and Social	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Stakeholders	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Other	--	<input type="checkbox"/> Low	<input type="checkbox"/> Low
Overall	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate

Results

PDO Indicators by Objectives / Outcomes

Number of people in urban areas provided with access to Improved Water Sources under the project

► Number of people in urban areas provided with access to Improved Water Sources under the project (Number, Custom)



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	66,008.00	76,768.00	134,100.00
Date	26-Mar-2014	31-Dec-2019	30-Oct-2020	31-Dec-2021
Comments:	The indicator is calculated based on people benefiting for improved water sources under the project. Currently, 92 stand posts and 6,146 household connections were constructed and delivered for use.			

Number of people benefiting from enhanced water services under the project

► Number of people benefiting from enhanced water services under the project (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	44,168.00	54,928.00	80,000.00
Date	26-Mar-2014	31-Dec-2019	30-Oct-2020	31-Dec-2021
Comments:	The numbers are updated based on the definition of the core indicator: Number of people benefiting from enhanced water services under the project = Number of active connections x 8 people Previous number as of December 31, 2019 : 44 168 people Number of new connections constructed during the last period : 1 345 Data at October 20, 2020 : 44 168 + 1 345 x 8 = 54 928 people			

Number of people benefiting from enhanced electricity services under the project

► Number of people benefiting from enhanced electricity services under the project (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	208,000.00	208,000.00	208,000.00
Date	26-Mar-2014	31-Dec-2019	30-Oct-2020	31-Dec-2021
Comments:	The numbers are updated based on the definition of the core indicator: Number of people benefiting from enhanced electricity services under the project = Number of active connections x 8 people Initial Target at project appraisal is : 26,000 connections x 8 = 208,000 people Previous Number on Dec. 2019 is : 208,000 people <u>NB</u> : Prepaid meters (electricity) have been really promoted and enjoyed by the costumers.			

Direct project beneficiaries

► Direct project beneficiaries (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	274,008.00	284,768.00	342,100.00
Date	26-Mar-2014	31-Dec-2019	30-Oct-2020	31-Dec-2021



Comments:	<p>The numbers are updated based on the definition of the core indicator: Number of direct beneficiaries under the project = people benefiting of improved water services + people benefiting of enhanced electricity services Initial Target at project appraisal is : 134,100 + 208,000 = 342,100 people Data at October 20, 2020 : 76,768 + 208,000 = 284,768 people</p>			
<input type="checkbox"/> Female beneficiaries (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	51.00	51.00	51.00	51.00

Non-revenue water				
▶ Non-revenue water (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	47.10	43.00	31.00	40.00
Date	26-Mar-2014	31-Dec-2019	30-Oct-2020	31-Dec-2021
Comments:	<p>This indicator can only be expected to be correctly measured once the private operator has conducted its diagnostic phase, and the auditor has certified the baseline NRW number, see comments on Monitoring an Evaluation rating. The ratio of NRW (31%) is calculated based on the last water billing & water produced data available in EABG, it must be certified by the auditor ASPA-Utilities.</p>			

Network transmission and distribution losses				
▶ Network transmission and distribution losses (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	46.60	45.00	11.00	30.00
Date	26-Mar-2014	31-Dec-2019	30-Oct-2020	31-Dec-2021
Comments:	<p>This indicator can only be expected to be correctly measured once the private operator has conducted its diagnostic phase, and the auditor has certified the baseline electricity losses, see comments on Monitoring an Evaluation rating. The ratio of electricity losses (11%) is calculated based on the last electricity billing & electricity produced data available in EABG, it must be certified by the auditor ASPA-Utilities.</p>			

Intermediate Results Indicators by Components

1. Water supply				
▶ New piped household water connections that are resulting from the project intervention (Number, Custom)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	4,801.00	6,146.00	12,600.00
Date	26-Mar-2014	31-Dec-2019	30-Oct-2020	31-Dec-2021
► Piped household water connections that are benefiting from rehabilitation works undertaken by the project (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	635.00	635.00	10,000.00
Date	26-Mar-2014	31-Dec-2019	30-Oct-2020	31-Dec-2021
Comments:	This indicator mainly measures the number of private connections so far not yet equipped with a meter, so beneficiaries paying a lump sum every month, and which will be equipped with meters. This indicator should increase soon as all the furniture (meters + accessories) are now supplied and will be installed in the coming months.			
► Improved community water points constructed or rehabilitated under the project (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	92.00	92.00	111.00
Date	26-Mar-2014	31-Dec-2019	30-Oct-2020	31-Dec-2021
► Percentage of water service connections equipped with meters (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	70.40	70.40	27.00	90.00
Date	26-Mar-2014	31-Dec-2019	30-Oct-2020	31-Dec-2021
Comments:	This indicator can only be expected to be correctly measured once the private operator has conducted its diagnostic phase, and the auditor has certified the baseline number, see comments on Monitoring and Evaluation rating.			

2. Electricity supply

► Prepayment meters installed under the project (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	18,296.00	21,030.00	21,030.00
Date	26-Mar-2014	31-Dec-2019	30-Oct-2020	31-Dec-2021
Comments:	10,035 prepaid meters have been installed, financed by the parent project. the contract for the supply of around 10,000 additional prepaid meters has been signed, and these meters are now under installation.			



► Distribution lines constructed or rehabilitated under the project (Kilometers, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	63.60	63.80	74.00
Date	26-Mar-2014	31-Dec-2019	30-Oct-2020	31-Dec-2021
► Collection rate of electricity and water bills (private customers) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	33.00	80.00
Date	26-Mar-2014	31-Dec-2019	30-Oct-2020	31-Dec-2021
Comments:	This indicator can only be expected to be correctly measured once the private operator has conducted its diagnostic phase, and the auditor has certified the baseline ratio. This task will be managed now by the transitional management team.			
► Percentage of electricity connections equipped with pre-payment meters (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	59.50	59.50	58.00	95.00
Date	26-Mar-2014	31-Dec-2019	30-Oct-2020	31-Dec-2021
Comments:	This indicator can only be expected to be correctly measured once the private operator has conducted its diagnostic phase, and the auditor has certified the baseline, see comments on Monitoring an Evaluation rating.			

3. Support to project implementation and EAGB

► Citizen engagement: percentage of complaints to the call center that are satisfactorily addressed (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	99.00	99.00	80.00
Date	26-Mar-2014	31-Dec-2019	30-Oct-2020	31-Dec-2021
Comments:	The indicator was defined as the percentage of complaints to the call center (to be implemented for EAGB) that are satisfactorily addressed. It is planned that the Private Operator will be in charge of the installation of this call center, but it is not yet effective. The consultant-firm INCENTAS is recently contracted for this task including the establishment of the corporate and commercial software. The transitional management team will be now on charge of the monitoring of this important activity.			
► Services Contract executed and implemented (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes



Date	26-Mar-2014	31-Dec-2019	30-Oct-2020	31-Dec-2021
Comments:	<p>The service contract has been signed in December and the contract started in early May 2019, with the arrival of the 5 experts in Bissau. But the services contract was hold on by the GoGB on June 1, 2020 due to the Covid19 pandemic context following the consortium (EDP/ADP) management team withdrawal to Portugal on March 25, 2020.</p> <p>Discussion between the Government and the consortium starts on December 11, 2020 in order to update the services contract arrangement in the purpose of allowing the consortium resumes work in Bissau by January 2021.</p>			

Performance-Based Conditions

Data on Financial Performance

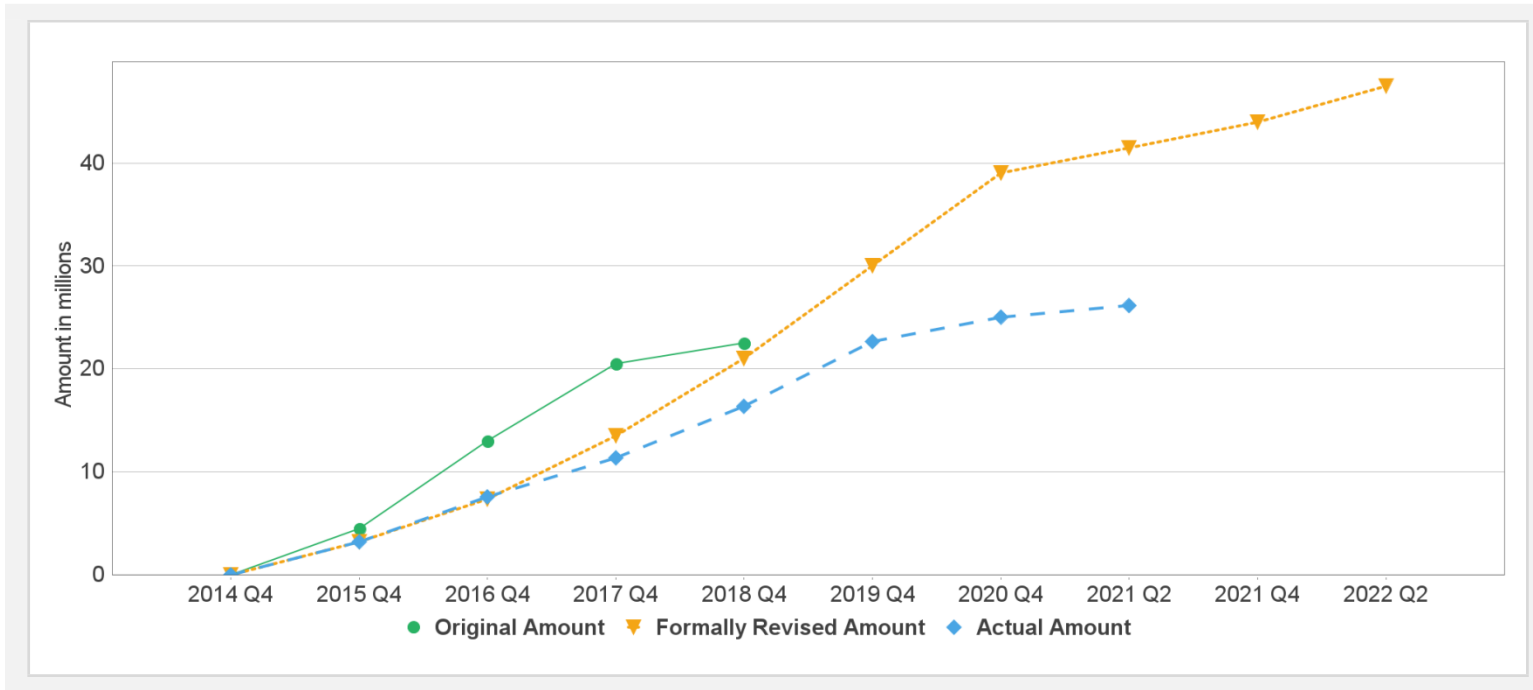
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P148797	IDA-54670	Effective	USD	17.16	17.16	0.00	15.51	0.00	100%
P148797	IDA-60570	Effective	USD	18.00	18.00	0.00	4.36	14.64	23%
P148797	IDA-D1900	Effective	USD	7.00	7.00	0.00	1.58	5.84	21%
P148797	IDA-H9560	Effective	USD	5.26	5.26	0.00	4.68	0.03	99%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P148797	IDA-54670	Effective	29-May-2014	05-Jun-2014	28-Jul-2014	30-Jun-2018	31-Dec-2021
P148797	IDA-60570	Effective	30-May-2017	07-Jul-2017	28-Sep-2017	31-Dec-2021	31-Dec-2021
P148797	IDA-D1900	Effective	30-May-2017	07-Jul-2017	28-Sep-2017	31-Dec-2021	31-Dec-2021
P148797	IDA-H9560	Effective	29-May-2014	05-Jun-2014	28-Jul-2014	30-Jun-2018	31-Dec-2021

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

Level 2 Approved on 22-Sep-2015

Related Project(s)

P161630-Emergency Water and Electricity Services - Additional Financing