



Emergency Water and Electricity Services Upgrading Project (P148797)

AFRICA WEST | Guinea-Bissau | Water Global Practice |
IBRD/IDA | Investment Project Financing | FY 2014 | Seq No: 15 | ARCHIVED on 28-Dec-2021 | ISR48887 |

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: 30-Jun-2023

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 \$22.35 M)
2. Electricity supply:(Cost \$13.61 M)
3. Support to project implementation and EAGB:(Cost \$11.54 M)

Overall Ratings

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

Implementation Status and Key Decisions

After award of the AF infrastructure works contracts (lots 1, 2 and 3) and negotiation, SINOHYDRO company signed the contracts on November 18, 2021. Before, the PUASEE project restructuring has been approved on November 4 with an extension of the closing date to June 30, 2023, which gives space to complete the works within the required deadlines. SINOHYDRO has already registered the contracts and is in the process of



completing the prerequisites (guaranteed start-up advance invoice, performance guarantee, ESHS performance guarantee) before receiving the service order to start work. It is expected that the works will start on January 2022.

As of November 2021, 287,068 people had benefited from improved water and electricity services under the project in Bissau representing 84% of the final target (342,100 people). These people benefited, either from access for the first time to piped water thanks to the program of household connections and standpipes (76,768 people), or from improved access to water services following the strengthening of water production capacity (63,360 people). In addition, 210,300 people benefited from improved electricity service through prepaid meters. The final target of 342,100 people will be reached (or even exceeded) when the AF works are completed before the project closing date.

Progress on the different components

Component A - Water supply

The water works financed under the parent Project were completed on September 2019 and are currently operated by EAGB. The civil works for the AF water activities will start on January 2022.

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. The plan was recently approved by the Government of Guinea-Bissau. This was a disbursement condition for the start of the electricity sub-component works under the project's AF. So, the electricity civil works will start on January 2022.

Component C - Support to project implementation and EAGB

The consortium (EDP-ADP-LCBS) resumed work on July 1st and implemented with results the 6 months priority action plan to improve EAGB management, the remaining tasks should be completed by March 2022. Then, the consortium will continue to implement the Performance Improvement Plan agreed under the services contract. The services contract has been reviewed for 2020/2021 by the auditing-firm ASPA-Utility, the audit report will be submitted in January 2022 to EAGB Board and Government.

Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	--	<input type="checkbox"/> High	<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"/> Substantial	<input type="checkbox"/> Low
Institutional Capacity for Implementation and Sustainability	--	<input type="checkbox"/> High	<input type="checkbox"/> Moderate
Fiduciary	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate
Environment and Social	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate
Stakeholders	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate
Other	--	<input type="checkbox"/> Low	<input type="checkbox"/> Low
Overall	--	<input type="checkbox"/> High	<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	76,768.00	76,768.00	134,100.00
Date	26-Mar-2014	30-Apr-2021	30-Nov-2021	30-Jun-2023
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	54,928.00	63,360.00	80,000.00
Date	26-Mar-2014	30-Apr-2021	30-Nov-2021	30-Jun-2023
Comments:	<p>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 household water connections metered instead of lump sum billing under the project x [8 people]. Consortium Dashboard (October 2021) gives the following data on water connections billing : Number of active water connections billed : 26 327 Number of water connections billed with lump sum (without meters) : 18 407 Number of water connections billed with meters functioning : 7 920 Number of people benefiting from enhanced water services under the project = (26327-18407)*8 = 63 360</p>			

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	210,300.00	208,000.00
Date	26-Mar-2014	30-Apr-2021	30-Nov-2021	30-Jun-2023
Comments:	<p>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 Prepaid meters have been provided by the project for a total number of : 21 030 Number of people benefiting from enhanced electricity services under the project = (21 030 * 8) = 210 300 <u>NB</u> : Prepaid meters (electricity) have been really promoted and enjoyed by the costumers.</p>			



Direct project beneficiaries				
▶ Direct project beneficiaries (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	284,768.00	287,068.00	342,100.00
Date	26-Mar-2014	30-Apr-2021	30-Nov-2021	30-Jun-2023
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 November 30, 2021 : 76,768 + 210,300 = 287,068 people</p>			
□ 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	31.00	31.00	40.00
Date	26-Mar-2014	30-Apr-2021	30-Nov-2021	30-Jun-2023
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. The ratio of NRW (31%) mentioned is calculated based on the last water billing & water produced data available in EABG. The new NRW number must be certified by the auditor ASPA-Utilities after reviewing of 2020/2021 years results.</p>			

Network transmission and distribution losses				
▶ Network transmission and distribution losses (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	46.60	11.00	11.00	30.00
Date	26-Mar-2014	30-Apr-2021	30-Nov-2021	30-Jun-2023
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. The ratio of electricity losses (11%) is calculated based on the last electricity billing & electricity produced data available in EABG. The new ratio must be certified by the auditor ASPA-Utilities after reviewing the 2020/2021 years results.</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	6,146.00	6,146.00	12,600.00
Date	26-Mar-2014	30-Apr-2021	30-Nov-2021	30-Jun-2023
▶ 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	30-Apr-2021	30-Nov-2021	30-Jun-2023
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	30-Apr-2021	30-Nov-2021	30-Jun-2023
▶ Percentage of water service connections equipped with meters (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	70.40	27.00	30.00	90.00
Date	26-Mar-2014	30-Apr-2021	30-Nov-2021	30-Jun-2023
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. The number mentioned here is picked from the EAGB dashboard on October 2021 : around 7920 water connections have meters vs a total of 26327 existing water connections, so the ratio calculated is : 30%			

2. Electricity supply

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



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	21,030.00	21,030.00	21,030.00
Date	26-Mar-2014	30-Apr-2021	30-Nov-2021	30-Jun-2023
Comments:	10,030 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	64.97	64.97	74.00
Date	26-Mar-2014	30-Apr-2021	30-Nov-2021	30-Jun-2023
► Collection rate of electricity and water bills (private customers) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	33.00	67.45	80.00
Date	26-Mar-2014	30-Apr-2021	30-Nov-2021	30-Jun-2023
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. The audited report on the 2020/2021 period will give information on the indicator trends, the auditor ASPA-Utilities will submit the report by January 2022. Based on the consortium dashboard on October 2021 (10 cumulated months) the collection ratio is estimated at 67.45%			
► Percentage of electricity connections equipped with pre-payment meters (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	59.50	58.00	47.29	95.00
Date	26-Mar-2014	30-Apr-2021	30-Nov-2021	30-Jun-2023
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. The number mentioned here is picked from the EAGB dashboard on October 2021 : around 43909 electricity prepaid meters vs a total of 92851 existing electricity connections, so the ratio calculated is : 47%			

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
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Value	0.00	99.00	99.00	80.00
Date	26-Mar-2014	30-Apr-2021	30-Nov-2021	30-Jun-2023
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 optional software proposed for the call center is too expensive, the PIU is seeking for an alternative solution.			
► Services Contract executed and implemented (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	26-Mar-2014	30-Apr-2021	30-Nov-2021	30-Jun-2023
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> <p>After taking the management of EAGB on February 2020 the consortium team withdrew on March 2020 due to the COVID-19 pandemic. During one year an interim management team ruled EAGB on behalf the Government. After negotiations, the consortium resumed duty on July 1, 2021 to continue the implementation of the services contract for 2 years.</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	5.57	13.07	30%
P148797	IDA-D1900	Effective	USD	7.00	7.00	0.00	2.08	5.22	28%
P148797	IDA-H9560	Effective	USD	5.26	5.26	0.00	4.70	0.01	100%

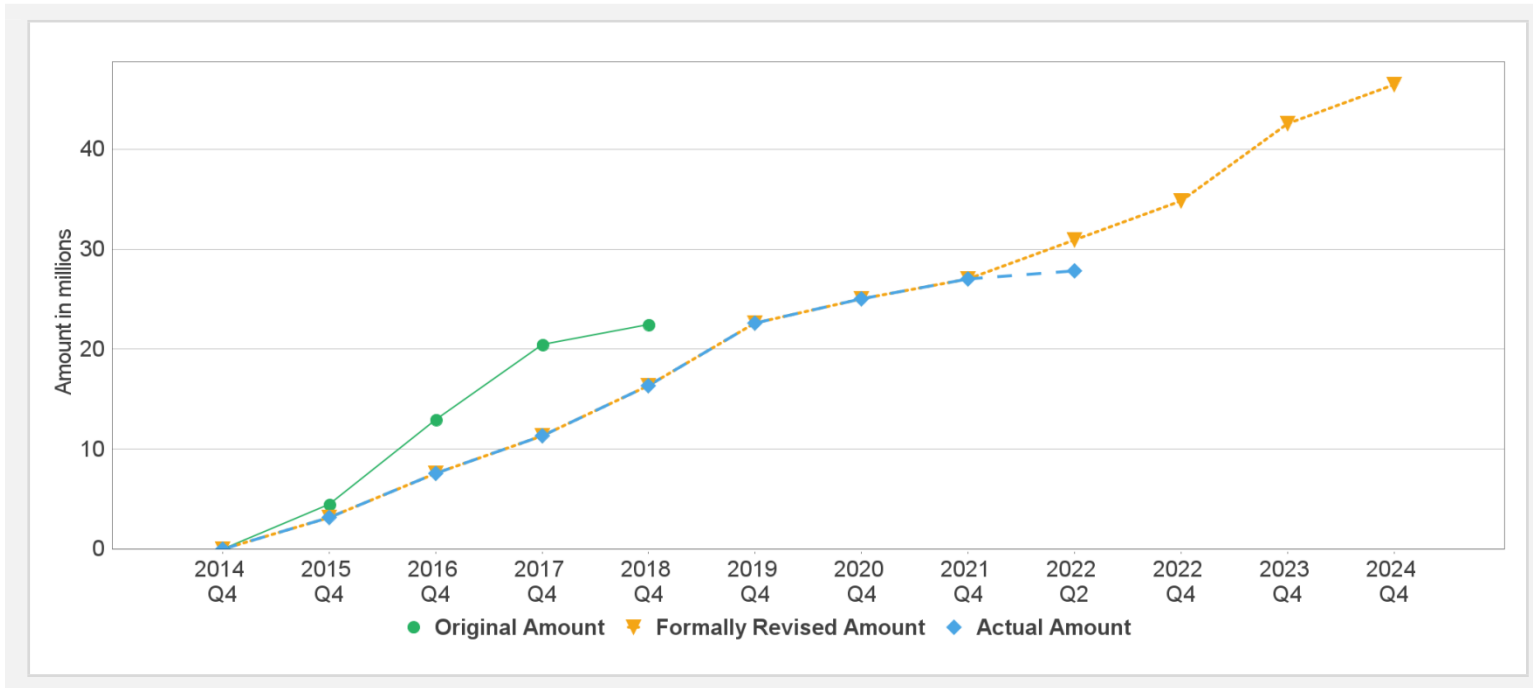
Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
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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	30-Jun-2023
P148797	IDA-D1900	Effective	30-May-2017	07-Jul-2017	28-Sep-2017	31-Dec-2021	30-Jun-2023
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 ,Level 2 Approved on 02-Nov-2021

Related Project(s)

P161630-Emergency Water and Electricity Services - Additional Financing