



Kandadji Project (P130174)

AFRICA WEST | Western Africa | Water Global Practice |
IBRD/IDA | Investment Project Financing | FY 2013 | Seq No: 18 | ARCHIVED on 30-Aug-2021 | ISR47896 |

Implementing Agencies: Niger Basin Authority (NBA), Government of Niger, Agency of the Kandadji Dam, Agency of the Kandadji Dam

Key Dates

Key Project Dates

Bank Approval Date: 02-Oct-2012

Effectiveness Date: 13-Mar-2013

Planned Mid Term Review Date: 29-Apr-2022

Actual Mid-Term Review Date:

Original Closing Date: 01-Apr-2020

Revised Closing Date: 31-Mar-2027

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The Program objective of the Water Resources Development and Sustainable Ecosystems Management APL is to enhance regional coordination, development, and management of the Niger Basin's water resources. The development objective of this Project (WRD-SEM APL 2A) is to increase access to water for agriculture development and capacity for energy generation in the Niger part of the Niger Basin.

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 Program objective of the Water Resources Development and Sustainable Ecosystems Management APL is to enhance regional coordination, development, and management of the Niger Basin's water resources. The development objective of the Kandadji Project is to increase the capacity for energy generation and enhance the availability and management of water for agriculture development in the Niger part of the Niger Basin, and to improve livelihoods in the Tillaberi region.

Components Table

Name

- I. Institutional strengthening of the NBA:(Cost \$3.31 M)
- II. Kandadji Program Energy Infrastructure:(Cost \$134.50 M)
- III. Environmental and Social Safeguards Measures and Promotion of Irrigation Development (including rehabilitation) and Local Community Development:(Cost \$270.39 M)

Overall Ratings

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

Implementation Status and Key Decisions



Overall progress. The Project still shows low disbursement rates as of August 2021, largely due to the recently approved Additional Financing (US\$150 million) and the fact that a major portion of Bank funding is earmarked towards the electro-mechanical works, planned to be implemented only starting in late 2021. As works have started again following the recruitment of a new Supervising Engineer, progress is expected over the next six months. Project implementation is progressing and is showing the following results:

(i) **RAP1 and RAP2A:** Progress continues on the remedial action plan for RAP1 (resettlement at the dam site). Procurement for the recruitment of a Bank-funded International RAP2A implementation support firm is moving forward.

(ii) **Progress made on dam civil works (Lot 1):** The official launch of works at the dam site (not financed by the World Bank) occurred in March 2019. Progress on construction of the dam has been relatively slow over the past year (17 percent to date), largely because of difficult security conditions at the dam site and slowdowns linked to the COVID-19 pandemic. A new Supervising Engineer was recruited in February 2021 and civil works on the dam have resumed.

(iii) **Hydropower plant equipment procurement (Lot 2):** Procurement is completed with contract signing on December 9, 2020.

Risks

Systematic Operations Risk-rating Tool

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

Results

PDO Indicators by Objectives / Outcomes

Enhance the availability and management of water for agriculture development				
▶ Guaranteed minimum annual waterflows in the Niger River at the border of Nigeria (Malanville measuring station) in m3/s. (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	80.00
Date	24-Jun-2020	17-Apr-2020	17-Apr-2020	31-Mar-2027



► Volume of water storage developed under the Project. (Cubic Meter(m3), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	628,000,000.00
Date	24-Jun-2020	08-May-2020	08-May-2020	31-Mar-2027

Increase capacity for energy generation in the Niger part of the Niger Basin				
► Increased installed hydroelectricity capacity (Megawatt, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	130.00
Date	01-Apr-2014	17-Apr-2020	17-Apr-2020	31-Mar-2027
Comments:	As the works are not yet started there are not change or evolution on the indicators			

Direct Project beneficiaries; including improved livelihoods in the Tillaberi region				
► Direct Project beneficiaries (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	292,350.00	292,350.00	329,643.00
Date	01-Apr-2014	17-Apr-2020	17-Apr-2020	31-Mar-2027
<input type="checkbox"/> Direct Project beneficiaries - women (Number, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	148,933.00	148,933.00	164,822.00
<input type="checkbox"/> Direct Project beneficiaries - youth (Number, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100,000.00
<input type="checkbox"/> Number of people who have benefited from RAP-2A activities, including housing, WSS services and relocation to to an area that is less risk-prone to disasters exacerbated by climate change. (Number, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	33,000.00
<input type="checkbox"/> Number of vulnerable persons benefiting from additional transition assistance. (Number, Custom Supplement)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	6,000.00
□ Number of people benefiting from livelihood restoration and support activities. (Number, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	292,350.00	292,350.00	325,350.00
□ Number of farmers (water users) provided with new or improved irrigation and drainage services. (Number, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5,593.00

Intermediate Results Indicators by Components

I. Institutional strengthening of the NBA				
▶ Institutional audit of the Niger Basin Authority is completed and adopted by the Council of Ministers (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Adopted	Adopted	Adopted
Date	13-Mar-2013	31-Jul-2020	31-Jul-2020	01-Apr-2020
Comments:	The institutional audit of the NBA was completed and presented to NBA's Council of Ministers in December 2019 and the recommendations have been endorsed.			
▶ At least one priority measures of the institutional audit implemented (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	24-Jun-2020	31-Jul-2020	31-Jul-2020	31-Mar-2027
II. Construction of the Kandadji Program energy infrastructure				
▶ Commissioning of the Kandadji power plant completed (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Engineering study completed	Approval by the Bank and AFD of the firm selected by ABK (CGGC) was provided on July 13, 2020 and the contract	Approval by the Bank and AFD of the firm selected by ABK (CGGC) was provided on July 13, 2020 and	100%



		signed on December 9, 2020.	the contract signed on December 9, 2020.	
Date	13-Mar-2013	29-Jan-2021	29-Jan-2021	31-Mar-2027
► Number of mandatory visits conducted by the independent panel of experts per year. (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	The PoE reviewed the RAP2 documents and carried out a mission in November 2019, including a site visit.	The PoE reviewed the RAP2 documents and carried out a mission in November 2019, including a site visit.	At least 1 visit per year
Date	13-Mar-2013	31-Jul-2020	31-Jul-2020	31-Mar-2027
Comments:	Environmental and social independent panel of experts have conducted mandatory visits on 2017 and 2018 to comment on the dam phased construction and the RAP 2 report. The PoE carried out a mission in parallel to the November 2019 implementation support mission and visited the dam construction site. The WB team had the opportunity to meet with them and debrief after their visit.			
► Number of beneficiaries of more reliable electricity supply in Niger. (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	7,000,000.00
Date	24-Jun-2020	31-Jul-2020	31-Jul-2020	31-Mar-2027

III. Implementation of environmental and social safeguards, and growth pole community development

► Area provided with irrigation and drainage services (ha) (Hectare(Ha), Corporate)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3,000.00
Date	13-Mar-2013	31-Jul-2020	31-Jul-2020	31-Mar-2027

□ Area provided with irrigation and drainage services - New (ha) (Hectare(Ha), Corporate Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	700.00
Date	13-Mar-2013	31-Jul-2020	31-Jul-2020	31-Mar-2027

□ Area provided with irrigation and drainage services - Improved (ha) (Hectare(Ha), Corporate Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2,300.00



Date	13-Mar-2013	31-Jul-2020	31-Jul-2020	31-Mar-2027
► Grievances addressed according to the procedures – of which GBV complaints. (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	25.00	25.00	25.00	80.00
Date	15-Jun-2017	31-Jul-2020	31-Jul-2020	31-Mar-2027
Comments:	Launch of the upgraded GRM is underway. A GBV Action Plan and related GRM are also under preparation for the Kandadji Program.			
□ Share of GBV complaints recorded and referred to service providers. (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100.00
► Number of hours per day per household saved due to new water supply services – female. (Hours, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	6.00
Date	24-Jun-2020	31-Jul-2020	31-Jul-2020	31-Mar-2027
► Number of houses constructed with access to a sanitary block. (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	10,500.00
Date	24-Jun-2020	31-Jul-2020	31-Jul-2020	31-Mar-2027
► Number of health centers constructed or rehabilitated and supported under the Project. (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	6.00
Date	24-Jun-2020	31-Jul-2020	31-Jul-2020	31-Mar-2027
► Number of villages visited per month as part of outreach activities. (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	17.00
Date	24-Jun-2020	31-Jul-2020	31-Jul-2020	31-Mar-2027

► Number of community radios supported by the program. (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	8.00
Date	24-Jun-2020	31-Jul-2020	31-Jul-2020	31-Mar-2027

Performance-Based Conditions

Data on Financial Performance

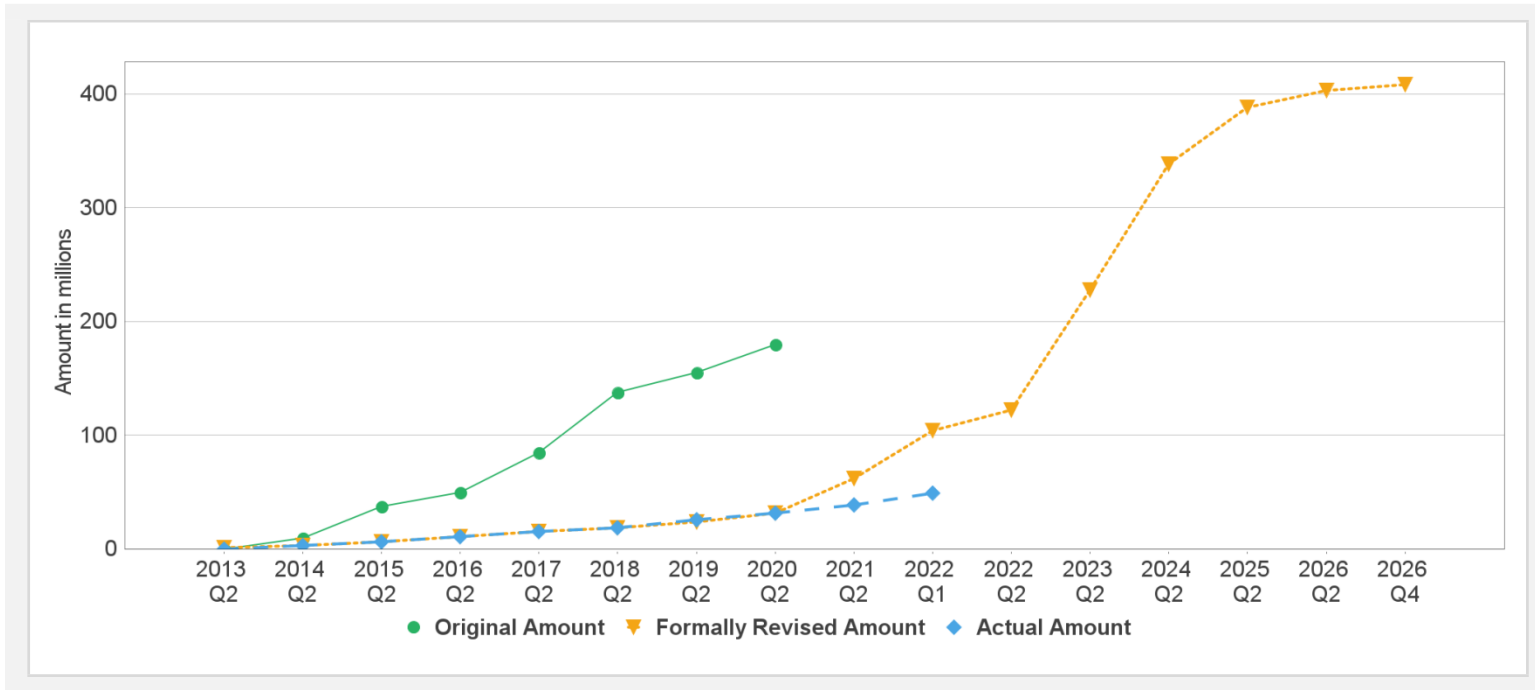
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P130174	IDA-51650	Effective	USD	200.00	200.00	0.00	46.76	142.18	 25%
P130174	IDA-54590	Effective	USD	41.24	41.24	0.00	0.00	37.88	 0%
P130174	IDA-67000	Effective	USD	100.00	100.00	0.00	0.00	110.07	 0%
P130174	IDA-D6700	Effective	USD	50.00	50.00	0.00	0.00	52.29	 0%
P130174	IDA-H8050	Effective	USD	3.00	3.00	0.00	2.42	0.48	 83%
P130174	IDA-H9520	Effective	USD	13.65	13.65	0.00	0.00	12.54	 0%
P130174	IDA-H9530	Effective	USD	0.31	0.31	0.00	0.29	0.00	 100%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P130174	IDA-51650	Effective	02-Oct-2012	14-Dec-2012	13-Mar-2013	01-Apr-2020	31-Mar-2027
P130174	IDA-54590	Effective	29-May-2014	19-Jul-2014	12-Dec-2014	01-Apr-2021	31-Mar-2027
P130174	IDA-67000	Effective	24-Jun-2020	04-Sep-2020	02-Mar-2021	31-Mar-2027	31-Mar-2027
P130174	IDA-D6700	Effective	24-Jun-2020	04-Sep-2020	02-Mar-2021	31-Mar-2027	31-Mar-2027
P130174	IDA-H8050	Effective	02-Oct-2012	14-Dec-2012	13-Mar-2013	01-Apr-2020	31-Mar-2027
P130174	IDA-H9520	Effective	29-May-2014	19-Jul-2014	12-Dec-2014	01-Apr-2021	31-Mar-2027
P130174	IDA-H9530	Effective	29-May-2014	19-Jul-2014	07-Oct-2014	01-Apr-2021	31-Mar-2027

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 25-Jun-2017 ,Level 2 Approved on 15-Mar-2019 ,Level 2 Approved on 14-Feb-2020 ,Level 2 Approved on 29-Mar-2021

Related Project(s)

P148972-AF - Kandadji Niger Basin Water Resources Program APL2A ,P172724-Kandadji Project (WRD-SEM APL2A) Second Additional Financing