



Strengthening Hydro-Meteorological and Climate Services (P159217)

AFRICA EAST | Congo, Democratic Republic of | Urban, Resilience and Land Global Practice |
Global Environment Project | Investment Project Financing | FY 2017 | Seq No: 7 | ARCHIVED on 23-Dec-2020 | ISR44720 |

Implementing Agencies: Democratic Republic of Congo, National Agency of Meteorology and Teledetection by Satellite (Mettelsat)

Key Dates**Key Project Dates**

Bank Approval Date: 08-Mar-2017

Effectiveness Date: 22-Feb-2018

Planned Mid Term Review Date: 01-Sep-2020

Actual Mid-Term Review Date: 08-Sep-2020

Original Closing Date: 30-Jun-2022

Revised Closing Date: 30-Jun-2022

Project Development Objective (PDO)

Project Development Objective (from Project Appraisal Document)

The proposed Project Development Objective (PDO) is to improve the quality of the Government of the DRC's targeted hydro-meteorological and climate services.

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

No

Components Table

Name

Component A. Institutional and regulatory strengthening, capacity building and implementation support:(Cost \$1.58 M)

Component B. Modernization of equipment, facilities and infrastructure for basic observation and forecasting:(Cost \$4.46 M)

Component C. Improvement of hydromet information service delivery:(Cost \$1.27 M)

Component D. Project Management:(Cost \$0.73 M)

Overall Ratings

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

Implementation Status and Key Decisions

The impact of the COVID-19 pandemic on the project has been substantially minimized and progress is being made to catch up at least partially on planned activities. The GFDRR Trust Fund was successful closed on 31-Aug-2020 with a disbursement rate of 96%.

Component A: MettelSat has so far signed 10 out of 13 planned memorandums of understanding (MoUs) with other institutions that generate or utilize hydromet information. This will enhance sectoral cooperation and provide a platform for data sharing and an opportunity for exchange of expertise. Furthermore, the partnership with the "Ecole Africaine de la Météorologie et de l'Aviation Civile" (EAMAC) based in Niamey will enhance the institutional capacity of Mettelsat by providing long-term training programs. The implementation of a quality management system that was on



hold due to Covid-19 pandemic has now resumed with the recruitment of the local consultant ongoing and the first quality documents expected in the subsequent months.

Component B: The rehabilitation of the MettelSat buildings was successfully completed. A stable electrical power connection is established together with a reliable internet connection to ensure a smooth business continuity and minimum interruptions. In the context of acquisition of meteorological and hydrological equipment, all the stations and software were delivered to Mettelsat in Kinshasa by the International Consortium and the plan for their installation is at an advanced stage, with the first set of stations likely to be installed by January 2021. The completion of this activity will guarantee an improved regional and global meteorological forecasting, a better integration with global meteorological information systems and a functioning early warning system.

Component C: The collaboration with WMO under CREWS trust fund implemented in parallel to this project is supporting the establishment of the National Framework for Climate Services, extending the benefit of the project to a wide range of users. The draft of the National Framework for Climate Services is available. The validation workshop is scheduled to take place in mid-December 2020 and the strategic action plan of the National Framework for Climate Services decree is expected to be promulgated in the subsequent weeks by the Prime Minister.

Risks

Systematic Operations Risk-rating Tool

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

Results

PDO Indicators by Objectives / Outcomes

To improve the quality of DRC's targeted hydro-meteorological and climate services				
► Improved hydromet service delivery to key user groups, measured by the number of operational Quality Management Systems to different sectors (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3.00
Date	03-Jul-2017	09-Jun-2020	09-Jun-2020	30-Jun-2022
Comments:	The first QMS is being established and the first document was expected by October 30, 2020, but due to the impact of COVID-19 this activity was delayed and is now expected to be in place by March 2021.			



► Operational observation, forecast and modelling capacities improved (composite index) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.00	1.00	1.00	4.00
Date	03-Jul-2017	09-Jun-2020	09-Jun-2020	30-Jun-2022
Comments:	Forecasting will be improved with the finalization of the QMS and installation of hydromet equipment being procured.			
► Direct project beneficiaries (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2,978,690.00
Date	03-Jul-2017	09-Jun-2020	09-Jun-2020	30-Jun-2022
Comments:	The project will have direct beneficiaries only after installation of equipment, which is being procured.			
□ Female beneficiaries (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	43.00

Intermediate Results Indicators by Components

Component A. Institutional and regulatory strengthening, capacity building and implementation support				
► Number of professionals having participated in trainings (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	22.00	22.00	360.00
Date	03-Jul-2017	09-Jun-2020	09-Jun-2020	30-Jun-2022
Comments:	The Cononavirus pandemic has negatively impacted the implementation of this activity. Several trainings planned under the GFDRR have been cancelled. The project is setting up a long-term training roadmap with EAMAC based in Niamey			
► Number of memorandums of understanding (MoUs) having been developed or revised (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	8.00
Date	03-Jul-2017	09-Jun-2020	09-Jun-2020	30-Jun-2022
Comments:	8 MoUs have been signed.			
Component B. Modernization of equipment, facilities and infrastructure for basic observation and forecasting				
► Number of stations feeding the central online data platform on time (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	0.00	0.00	0.00	80.00
Date	03-Jul-2017	09-Jun-2020	09-Jun-2020	30-Jun-2022
Comments:	The contract for the acquisition of stations and other equipment for the modernization of Mettelsat has been signed. All the stations and software were delivered to Mettelsat in Kinshasa by the International Consortium and the plan for their installation are at an advanced stage, with the first set of stations likely to be installed by January 2021.			
► Number of stations rehabilitated or improved by the project (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	40.00
Date	03-Jul-2017	09-Jun-2020	09-Jun-2020	30-Jun-2022
Component C. Improvement of hydromet information service delivery				
► Number of consultations of the online data platform (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5,000.00
Date	03-Jul-2017	09-Jun-2020	09-Jun-2020	30-Jun-2022
Comments:	The online platform is being finalized.			
► Number of hazards for which warning or monitoring forecast bulletins have been produced with sufficient lead-time for preparedness and early response (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.00	1.00	1.00	4.00
Date	03-Jul-2017	09-Jun-2020	09-Jun-2020	30-Jun-2022
Comments:	The hazard warnings will be produced based on hydro-met equipment to be procured.			
► Number of user groups having expressed their needs and developed a resulting action plan to address them (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	4.00
Date	03-Jul-2017	09-Jun-2020	09-Jun-2020	30-Jun-2022
Comments:	The first consultations have taken place, but action plan is to be developed.			

Performance-Based Conditions

Data on Financial Performance

Disbursements (by loan)

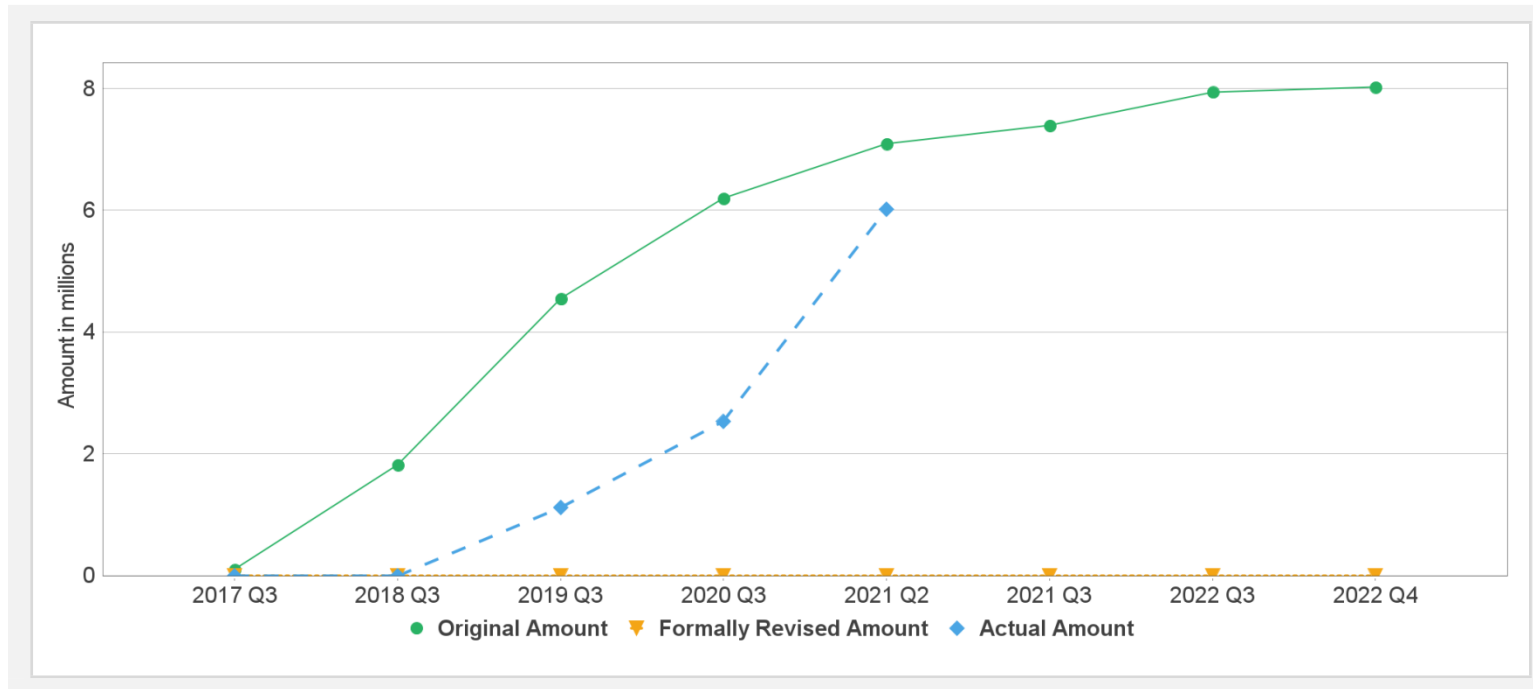


Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P159217	TF-A4389	Closed	USD	2.70	2.70	0.00	2.60	0.10	96%
P159217	TF-A4390	Effective	USD	5.33	5.33	0.00	3.42	1.91	64%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P159217	TF-A4389	Closed	07-Feb-2017	19-Apr-2017	22-Feb-2018	31-Dec-2019	31-Aug-2020
P159217	TF-A4390	Effective	07-Feb-2017	19-Apr-2017	22-Feb-2018	30-Jun-2022	30-Jun-2022

Cumulative Disbursements



Restructuring History

Level 2 Approved on 10-Dec-2019 ,Level Approved on 29-May-2020 ,Level 2 Approved on 25-Jun-2020

Related Project(s)

There are no related projects.