



## Strengthening Hydro-Meteorological and Climate Services (P159217)

AFRICA | Congo, Democratic Republic of | Social, Urban, Rural and Resilience Global Practice Global Practice |  
Global Environment Project | Investment Project Financing | FY 2017 | Seq No: 4 | ARCHIVED on 14-May-2019 | ISR36873 |

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: 07-Aug-2019

Actual Mid-Term Review Date: --

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

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	● Satisfactory	● Moderately Satisfactory
Overall Implementation Progress (IP)	● Moderately Satisfactory	● Moderately Satisfactory
Overall Risk Rating	● Substantial	● High

### Implementation Status and Key Decisions

The project was officially launched at a ceremony held on March 6, 2019, with the participation of the Ministry of Transport, World Meteorological Organization (WMO), the World Bank and other stakeholders. The first lot of logistical equipment for MettelSat has been delivered and the studies to rehabilitate the headquarters in Kinshasa have been finalized and the bidding process was launched. Studies to rehabilitate satellite offices are ongoing. The analysis of technical needs for hydromet equipment has also been finalized (including for the Early Warning System implementation), and the bidding documents are being prepared. Elaboration of a quality management system for aviation meteorology is progressing, to allow the



DRC to meet the International Civil Aviation Organization (ICAO) requirements. Implementation is to be kept on a tight timeline as part of project grant funds expire on December 31, 2019. In collaboration with WMO and through the CREWS trust fund implemented in parallel to the project, MettelSat is starting to work on a National Climate Services Framework.

## Risks

### Systematic Operations Risk-rating Tool

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

## 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	19-Nov-2018	08-Mar-2019	30-Jun-2022
▶ 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	19-Nov-2018	08-Mar-2019	30-Jun-2022
▶ 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	19-Nov-2018	08-Mar-2019	30-Jun-2022
<b>Female beneficiaries (Percentage, Custom Supplement)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	43.00

### Intermediate Results Indicators by Components

<b>Component A. Institutional and regulatory strengthening, capacity building and implementation support</b>				
<b>▶Number of professionals having participated in trainings (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	360.00
Date	03-Jul-2017	19-Nov-2018	08-Mar-2019	30-Jun-2022
Comments:	The training program is being finalized and to be launched.			
<b>▶Number of memorandums of understanding (MoUs) having been developed or revised (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	8.00
Date	03-Jul-2017	19-Nov-2018	08-Mar-2019	30-Jun-2022
<b>Component B. Modernization of equipment, facilities and infrastructure for basic observation and forecasting</b>				
<b>▶Number of stations feeding the central online data platform on time (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	80.00
Date	03-Jul-2017	19-Nov-2018	08-Mar-2019	30-Jun-2022
Comments:	Technical specifications of observation stations being finalized and procurement to be launched.			
<b>▶Number of stations rehabilitated or improved by the project (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	40.00
Date	03-Jul-2017	19-Nov-2018	08-Mar-2019	30-Jun-2022
<b>Component C. Improvement of hydromet information service delivery</b>				
<b>▶Number of consultations of the online data platform (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	0.00	0.00	0.00	5,000.00
Date	03-Jul-2017	19-Nov-2018	08-Mar-2019	30-Jun-2022
▶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	19-Nov-2018	08-Mar-2019	30-Jun-2022
▶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	19-Nov-2018	08-Mar-2019	30-Jun-2022

## Data on Financial Performance

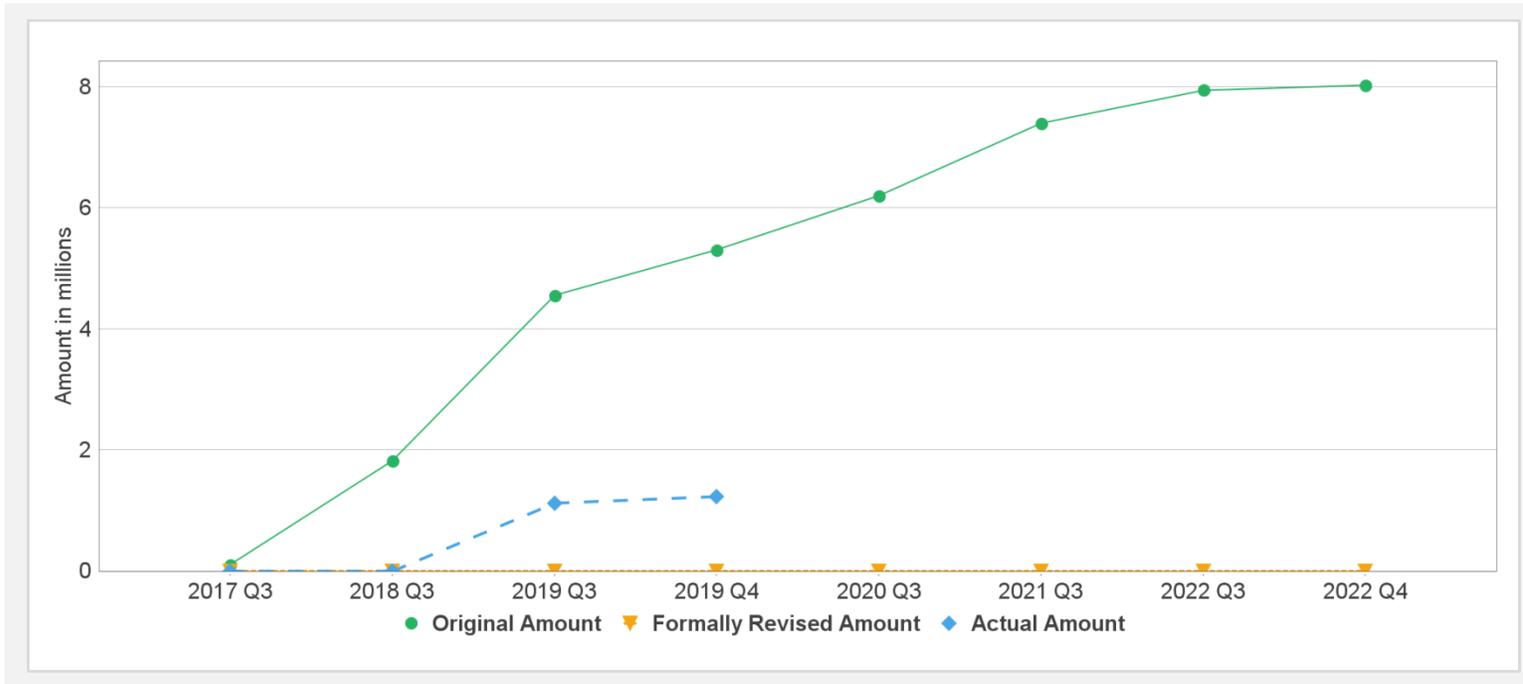
### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P159217	TF-A4389	Effective	USD	2.70	2.70	0.00	0.93	1.77	34%
P159217	TF-A4390	Effective	USD	5.33	5.33	0.00	0.31	5.02	5.7%

### Key Dates (by loan)

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

### Cumulative Disbursements



## Restructuring History

There has been no restructuring to date.

## Related Project(s)

There are no related projects.