



## Regional Communications Infrastructure Program Phase 5 - Uganda (P130871)

AFRICA EAST | Eastern Africa | Digital Development Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2015 | Seq No: 8 | ARCHIVED on 25-Mar-2021 | ISR45677 |

Implementing Agencies: National Information Technology Authority, Uganda, Republic of Uganda

### Key Dates

#### Key Project Dates

Bank Approval Date: 22-May-2015

Effectiveness Date: 26-May-2016

Planned Mid Term Review Date: 16-Dec-2019

Actual Mid-Term Review Date: 08-Oct-2019

Original Closing Date: 28-Feb-2022

Revised Closing Date: 28-Feb-2022

### Project Development Objectives

Project Development Objective (from Project Appraisal Document)

To support the Recipient's efforts to:

- (i) lower prices for international capacity and extend the geographic reach of broadband networks (the connectivity development objective); and
- (ii) improve the Government's efficiency and transparency through e-Government applications (the transparency development objective).

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

No

### Components Table

Name

Enabling Environment:(Cost \$3.00 M)  
Connectivity:(Cost \$36.00 M)  
e-Government:(Cost \$40.00 M)  
Project Management:(Cost \$6.00 M)

### Overall Ratings

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

### Implementation Status and Key Decisions

The RCIP remains a relevant project that is well aligned with the sector and national development goals. The project is likely to achieve the project development objectives by the end of its implementation period in February 2022. Procurement have been slower than anticipated in the second half of 2020, in part due to the Covid-19 crisis. Overall, substantial progress has been made: of the 37 activities of the project, 11 have been completed, 16 are under implementation and 10 are under procurement. All activities are expected to be completed within the planned project



period by February 2022. One of the key project activities on the connectivity front i.e. the construction of some fiber optic backbone links has been completed while establishment of "last mile" connectivity to MDAs is at 65%. The project has made substantial progress on e-government services including operationalizing cloud based national data center facilities; launching implementation of interoperability and data exchange platform; development of SMS gateway and e-payment as well digital authentication and e-signature solution. A number of solutions were introduced to address COVID-19 pandemic. Coordination between Uganda Digital Acceleration Project (UDAP) (under preparation) and RCIP is ongoing with an aim of ensure continuity in the development of the digital economy in Uganda.

## Risks

### Systematic Operations Risk-rating Tool

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

## Results

### PDO Indicators by Objectives / Outcomes

Lower prices for international capacity and extend the geographic reach of broadband networks				
▶ Direct project beneficiaries (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3,836,999.00	3,915,428.00	5,060,000.00
Date	31-Dec-2014	30-Jun-2020	31-Jan-2021	28-Feb-2022
Comments:	The number of direct project beneficiaries will continue to increase with the planned implementation of the last mile sub-component. The increase in number of beneficiaries was attributed to the fact that under SMS gateway targeted high volume clients eg Ministry of Health and National water, Evoucher, E-passport; these attracted more users who were recorded as beneficiaries. The number was corrected to 3,800,000 beneficiaries based on the			



monthly users rather than cumulative users. This result will be revised after including project beneficiaries of Last mile, and system integration since the project is still on going, e-payment gateway because the system was down, Cloud services (the end users can't really be determined).

□ Female beneficiaries (Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	46.00	38.00	40.00

► International Internet Bandwidth (Mbps) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	25,679.00	77,224.00	173,663.00	50,000.00
Date	31-Dec-2013	30-Jun-2020	31-Jan-2021	28-Feb-2022

Comments: End target achieved and exceeded.

► Access to Internet Services (percentage of individuals using the Internet) (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	16.20	37.90	46.00	35.00
Date	30-Jun-2016	30-Jun-2020	30-Sep-2020	28-Feb-2022

Comments: Final targets already achieved and exceeded. Currently aligning with UBOS; More accurate data to be shared by UCC in the next three months.

► Access to Telephone Services (fixed mainlines plus cellular phones per 100 people) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	51.90	64.00	61.00	75.00
Date	30-Jun-2016	30-Jun-2020	31-Jan-2021	28-Feb-2022

Comments: Result achieved is revised due to change in measurement methodology

► Price of wholesale international capacity (per Mbit/s per Month, in US\$) (Amount(USD), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	97.00	2.60	2.60	40.00
Date	31-Dec-2014	30-Jun-2020	31-Jan-2021	28-Feb-2022

Comments: The end target has been exceeded.



Improve the Government's efficiency and transparency through e-Government applications				
<b>► Beneficiaries satisfied with quality of e-Government services supported by the project (%) – Citizen Engagement Indicator (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	77.20	50.00
Date	31-Dec-2014	30-Jun-2020	30-Jun-2020	28-Feb-2022
Comments:	End target achieved and exceeded.			
<b>► Number of transactions per year utilizing the shared public service delivery platform (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	5,930,207.00	11,000,000.00	15,000,000.00
Date	31-Dec-2014	30-Jun-2020	31-Jan-2021	28-Feb-2022
Comments:	Only transactions from SMS gateway were recorded in the reporting period. The transactions from the E-payment gateway were not recorded because the system was down. The other transactions were not recorded because the systems are not yet up and running (Data integration system, and Digital authentication). This result will be revised in the next three months.			

### Intermediate Results Indicators by Components

Enabling Environment				
<b>► Retail Price of Internet Services (Mobile Broadband, 500MB prepaid bundle, in US\$) (Amount(USD), Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	7.73	3.50	2.70	4.00
Date	31-Dec-2013	30-Jun-2020	31-Jan-2021	28-Feb-2022
Comments:	The end target achieved and exceeded. The retail price is dependent on the different service providers in the market which fluctuates every month based on the environment. Operators usually revise their prices.			

e-Government				
<b>► Percentage of MDAs/LGs using the Shared Public Service Delivery Platform (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	0.00	38.00	52.00	50.00
Date	31-Dec-2014	30-Jun-2020	31-Jan-2021	28-Feb-2022
Comments:	End target achieved.			
<b>► Number of e-Services Implemented with Project Funding (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	14.00	20.00	10.00
Date	31-Dec-2014	30-Jun-2020	31-Jan-2021	28-Feb-2022
Comments:	<p>End target achieved and exceeded.            Main services include:            MoGLD: Employment management Information system (EMIS), Integrated Anti-Corruption tool (JLOS/security) for the office of the president to combat corruption            Virtualized Court Video System- Judiciary            Kolibri under the Ministry of Education/UNICEF            UMCS directly developed by NITA-U            E-Voucher under MAAIF            Additional services were developed in response to COVID-19.</p>			
<b>□ Percentage of e-Services Implemented with Project Funding Which Take Into Account a Gender Perspective (Percentage, Custom Supplement)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	10.00	30.00
<b>► Percentage of Total Expenditure on Eligible Goods, Works and Services Procured Utilizing e-Procurement System in the Pilot PDEs (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	60.00
Date	31-Dec-2014	30-Jun-2020	31-Jan-2021	28-Feb-2022
Comments:	e-GP system is not yet fully operational.			

<b>Connectivity</b>				
<b>► Length of Fiber Optic Network Built/leased (km) (Kilometers, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	842.00	1,366.00	670.00
Date	31-Dec-2014	30-Jun-2020	31-Jan-2021	28-Feb-2022
Comments:	End target achieved and exceeded. The breakdown of kms laid under the RCIP program are as follows; Missing Links- 842kms, and Last Mile- 524kms			



► Availability of NBI (%) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	97.00	99.80	99.80	99.80
Date	31-Dec-2014	30-Jun-2020	31-Jan-2021	28-Feb-2022
Comments:	End target achieved			
► Average Price of Wholesale, Protected Capacity on NBI (per Mbit/s per Month based on STM-16 purchase, in US\$) (Amount(USD), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	20.90	11.50	8.00	12.00
Date	31-Dec-2014	30-Jun-2020	31-Jan-2021	28-Feb-2022
Comments:	End target achieved and exceeded.			
► Number of Connections to Government MDAs, Local Governments, Schools, Hospitals and NGOs Supported by the Project (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	590.00	523.00	400.00
Date	31-Dec-2014	30-Jun-2020	31-Jan-2021	28-Feb-2022
Comments:	End target achieved and exceeded. The 523 sites are a consolidation of 100 MDA sites connected under Missing Link, and Last Mile 423 sites under last mile. Additional 277 sites are expected to be added under Last mile by end of May 2021			

### Performance-Based Conditions

#### Data on Financial Performance

##### Disbursements (by loan)

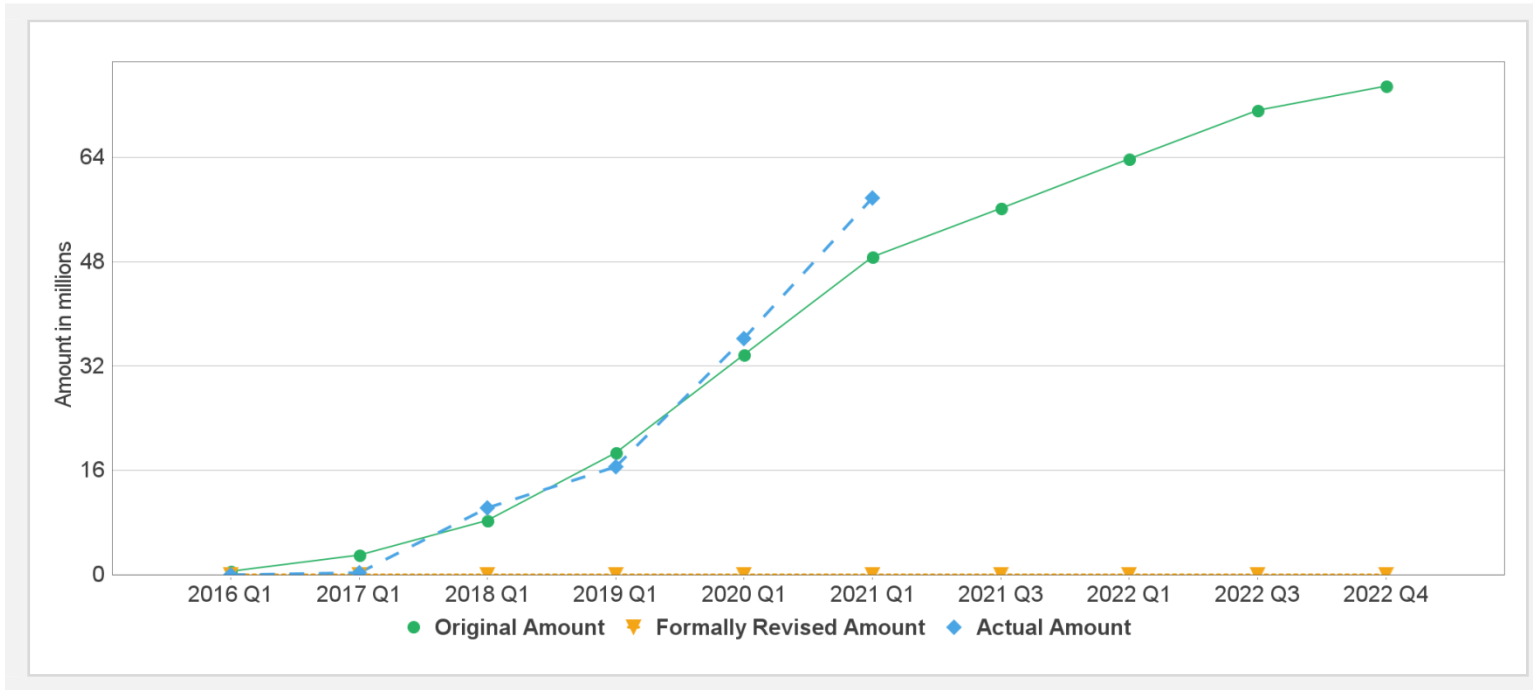
Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P130871	IDA-56350	Effective	USD	75.00	75.00	0.00	57.80	18.26	76%

##### Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P130871	IDA-56350	Effective	22-May-2015	04-Feb-2016	26-May-2016	28-Feb-2022	28-Feb-2022



**Cumulative Disbursements**



**PBC Disbursement**

PBC ID	PBC Type	Description	Coc	PBC Amount	Achievement Status	Disbursed amount in Coc	Disbursement % for PBC

**Restructuring History**

There has been no restructuring to date.

**Related Project(s)**

There are no related projects.