Implementation Status & Results
Africa
Regional Communications Infrastructure Project (P094103)

Operation Name: Regional Communications Infrastructure Project (P094103)  Project Stage: Implementation Seq.No: 13 Status: ARCHIVED Archive Date: 22-Jul-2014
Country: Africa Approval FY: 2007
Product Line: IBRD/IDA Region: AFRICA Lending Instrument: Adaptable Program Loan
Implementing Agency(ies): ICTA, Burundi - SETIC, Madagascar PICOM

Key Dates
Board Approval Date 29-Mar-2007 Original Closing Date 31-Jul-2012 Planned Mid Term Review Date 10-Jan-2011 Last Archived ISR Date 28-Jan-2014
Effectiveness Date 21-Aug-2007 Revised Closing Date 31-Dec-2016 Actual Mid Term Review Date 10-Jan-2011

Project Development Objectives
Project Development Objective (from Project Appraisal Document)
The RCIP Program, the CIP 1,2,3 Projects and following CIP Projects have two overarching development objectives (i) to contribute to lower prices for international capacity and extend the geographic reach of broadband networks (the "connectivity development objective") and (ii) contribute to improved Government efficiency and transparency through egovernment applications (the "transparency development objective").

Has the Project Development Objective been changed since Board Approval of the Project?
☐ Yes  ☐ No

Component(s)
Component Name Component Cost
Kenya TCIP Enabling Environment 14.72
Kenya TCIP Connectivity 62.55
Kenya TCIP eGovernment 29.16
Kenya TCIP Project Management 2.95
Madagascar CIP Enabling Environment 2.94
Madagascar CIP Connectivity 24.00
Madagascar CIP Project Management 1.36
Burundi CIP2 Enabling Environment 3.35
Burundi CIP2 Connectivity 13.50
Burundi CIP2 Transparency - Preparation for egovernment applications 0.45
Burundi CIP2 Project Management 1.46
Kenya Additional Financing 2 for ICT Support to the Counties 30.00

Overall Ratings
Implementation Status Overview

This ISR covers the period from January to June 2014 for all three operations.

BURUNDI: The Burundi grant is closing in four months (October 31, 2014), disbursements are currently at 88.96% (SDR 12.01m, equivalent to US$18.53m) and the project is expected to disburse at least 101% by the closing date (taking into account exchange rate gains). The BBs (Burundi Backbone System) network, the major component under the project, is now mostly complete, with all three phases in operation; the contractor is now working on lifting the remaining reserves (ie there are some issues for the subcontractor to resolve in order to get the full payment - these include various elements like lightening protection and other minor issues) and finalizing 2 microwave links. This is expected to happen before the closing date. The COMGOV, a network linking 50 public institutions between them and with the internet, is also complete, with 42 out of 44 sites now fully operational. The remaining activity in the project is the setup of BERNet (a network linking universities in Burundi). The business plan has been finalized, a contract to physically connect a few universities with fiber and to the internet is expected to be signed with BBs in July (followed by 2-3months implementation), and the project is hiring a project manager and advisor by early July to assist in advancing the setup of BERNet as an association until the end of the project. With the project closing in 4 months, the Bank and Government teams have started to prepare the close of the project, namely through preparation of the ICR and closing safeguard documentation. Draft ICR reports are expected both on the Bank and on the client side by mid-August. Government was also invited to put in place any arrangements to ensure continuity of project investments (through SETIC or other) after closing.

MADAGASCAR: The Madagascar component continues to progress very well. The project currently focuses on setting up telecom passive infrastructure (tower and solar panels) in the South West (Phase 1) and South East (Phase 2) of the country. Project disbursements are rising steadily: the disbursement rate for the project has increased from 30% to 52% over the last 6-7 months. As of June 3, 2014, 32 sites out of 44 have been completed, and provisionally accepted for Phase 1. The first site for Phase 2 (out of 21) was inaugurated during the May 2014 mission. It is now planned that Operators will be installing their antennas on these sites between now and September. The project is on track for timely completion and there are no major FM, procurement or safeguard issues. Once complete, the project alone will provide an additional 9% coverage to the Malagasy population in very remote and poor areas of Madagascar. The mission was the opportunity to discuss with the new authorities in Madagascar – following the transition after the crisis that assaulted the country in 2009. The mission suggested to government that the project exchange rate gains could be used to hire technical assistance for implementing some much needed legal and regulatory tasks, notably preparing the application decrees of the 2005 law and assisting government throughout the license renewal process.

KENYA: The project has now disbursed 81% of the original credit and 40% of Additional Financing 1. Project implementation from these two funding sources has picked up considerably since last year. The new government and management structure of 47 Counties is now fully implemented. There are several eGovernment projects underway, namely the birth and death registry digitization, Integrated Financial Information System (IFMIS), TIMS (Transport Information Management System) and the Kenya Open Data Initiative. The World Bank has recently approved the second Additional Financing of $30m to support the Government of Kenya's work in ICT in the counties, and activities under this funding as well as the others are being implemented by the ICT Authority, which has replaced the ICT Board. Additional Financing 2 was signed on May 19, 2014 and the new effectiveness deadline is August 18, 2014.

Location Status

<table>
<thead>
<tr>
<th>Country</th>
<th>First Administrative Division</th>
<th>Location</th>
<th>Planned</th>
<th>Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kenya</td>
<td>Nairobi Province</td>
<td>Nairobi Province</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Burundi</td>
<td>Bujumbura Mairie</td>
<td>Bujumbura Mairie</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Madagascar</td>
<td>Alaotra-Mangoro</td>
<td>Alaotra-Mangoro</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>
## Results

### Project Development Objective Indicators

<table>
<thead>
<tr>
<th>Indicator Name</th>
<th>Core</th>
<th>Unit of Measure</th>
<th>Baseline</th>
<th>Current</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>KENYA (TCIP/CIP1) Percentage increase in reported revenue by NCC</td>
<td></td>
<td>Amount(USD)</td>
<td>6896551.00</td>
<td>6896551.00</td>
<td>02-May-2014</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Date</td>
<td>02-May-2014</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Comments</td>
<td>As of the approval of the AF2</td>
<td>No actions have yet been taken, so baseline figure is the current figure</td>
<td>The team estimates that there will be an increase of approximately 25% but this is to be confirmed.</td>
</tr>
<tr>
<td>KENYA (TCIP/CIP1): Volume of International traffic (Mbit/s simplex)</td>
<td></td>
<td>Text</td>
<td>4000Mbit/s</td>
<td>360,900 Mbps</td>
<td>190,000 Mbit/s</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Date</td>
<td>01-Mar-2007</td>
<td>02-May-2014</td>
<td>31-Dec-2016</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Comments</td>
<td>As extracted from the sector statistics report issued by Communication Commission of Kenya December 2013. The increase as a result of increase in usage of the total available bandwidth in the country.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>KENYA (TCIP/CIP1): Volume of national traffic : Internet user penetration</td>
<td></td>
<td>Text</td>
<td>1,250,000</td>
<td>19162,055</td>
<td>20,000,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Date</td>
<td>01-Mar-2007</td>
<td>02-May-2014</td>
<td>31-Dec-2016</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Comments</td>
<td>47.9% - Internet users is estimated by multiplying by 1 the number of mobile data/ internet subscriptions, by 10 terrestrial wireless subscriptions and by 100 fixed DSL, fibre optic and satellite subscriptions. There is no scientific method of estimating internet users; for the purpose of this report the methodology adopted is borrowed from the Internet Market Study 2006. The multiplier of 2 for mobile data/ internet users has been adjusted to 1 as per the ITU recommendations.</td>
<td>52.6 percent</td>
<td></td>
</tr>
<tr>
<td>Access to Telephone Services (fixed mainlines plus cellular phones per 100 people)</td>
<td>Number</td>
<td></td>
<td></td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>Value</td>
<td>20.60</td>
<td>82.90</td>
<td>84.20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td>01-Mar-2007</td>
<td>02-May-2014</td>
<td>31-Dec-2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comments</td>
<td>KENYA</td>
<td>The information includes the fixed terrestrial subscribers connections - 58,749, fixed wireless - 150,590, and mobile subscribes 31,301,506. As extracted from CCk sector reports of December 2013,</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>KENYA (TCIP/CIP1): Price of wholesale international E1 capacity link</th>
<th>Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>US$7500/month</td>
</tr>
<tr>
<td>Date</td>
<td>01-Mar-2007</td>
</tr>
<tr>
<td>Comments</td>
<td>Based on the market prices, no change since last report.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>KENYA (TCIP/CIP1): Volume of electronic records/events processed with the eGovernment applications</th>
<th>Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>0</td>
</tr>
<tr>
<td>Date</td>
<td>01-Mar-2007</td>
</tr>
<tr>
<td>Comments</td>
<td>State law (Company registry) is using automated workflow for processing new company registration and digitizing an average of 5,000 records every day, so far 864,000 new records have been digitized. There are 10,000 queries using SMS and mobile payment for business names search and reservations which has resulted in 1184 registrations for business names in 2014.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>KENYA (TCIP/CIP1): Time required to disseminate budget reports to Government gazette and Ministry of Finance website</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>90.00</td>
</tr>
<tr>
<td>Date</td>
<td>31-Dec-2011</td>
</tr>
<tr>
<td>Comments</td>
<td>BSD submits Exchequer and revenue reports to the government gazette on the 15th of every month for the previous reporting period. No change since last report.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Direct project beneficiaries</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>0.00</td>
</tr>
<tr>
<td>Date</td>
<td>01-Mar-2007</td>
</tr>
<tr>
<td>Comments</td>
<td>KENYA</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Female beneficiaries</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Percentage Value</td>
</tr>
<tr>
<td>Sub Type Supplemental</td>
<td></td>
</tr>
<tr>
<td>MADAGASCAR (CIP3): Volume of international traffic (Mbit/s simplex)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Text Value</td>
</tr>
<tr>
<td>Date</td>
<td>01-Mar-2007</td>
</tr>
<tr>
<td>Comments</td>
<td>Increase of 3%, 5%, 7% compared with the installation of 3G. In 2011, TELMA had 11 STM1, 200 mega satellite back-up, Orange had 5SMTM1. In 2012, TELMA made an upgrade and moved to 54 STM1, Universities received 2 STM1; ORANGE also upgraded to 16STM1; and Gulfsat to Intelsat 2STM1. In 2013, an allocation of 4STM1 (for the health sector) and an increase of the capacity up to 3STM1 for the universities were scheduled. ORANGE planned an increase of its capacity up to 8STM1. Forecast for 2015: need to increased capacity for the universities and the Digital Terrestrial TV.</td>
</tr>
<tr>
<td>Access to Internet Services (number of subscribers per 100 people)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Number Value</td>
</tr>
<tr>
<td>Date</td>
<td>01-Mar-2007</td>
</tr>
<tr>
<td>Comments</td>
<td>MADAGASCAR Increase of 5%, 5%, 3% taking into account the targeted pop of 1A-2-3 zones. ORANGEnet has doubled the</td>
</tr>
<tr>
<td>Access to Telephone Services (fixed mainlines plus cellular phones per 100 people)</td>
<td>Number</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Date</td>
<td>01-Mar-2007</td>
</tr>
<tr>
<td>Comments</td>
<td>MADAGASCAR</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MADAGASCAR (CIP3): Price of wholesale international E1 capacity link</th>
<th>Text</th>
<th>Value</th>
<th>US$10,000</th>
<th>US$913/mnth</th>
<th>US$1,000/month</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>01-Mar-2007</td>
<td>31-Dec-2013</td>
<td>31-Dec-2015</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comments</td>
<td>Reduction of price/tariff by ORANGE and TELMA</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Direct project beneficiaries</th>
<th>Number</th>
<th>Value</th>
<th>0.00</th>
<th>234690.00</th>
<th>2450660.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>01-Mar-2007</td>
<td>28-May-2014</td>
<td>31-Dec-2015</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comments</td>
<td>no project beneficiaries until the network rollout begins</td>
<td>May 2014 forecast 234,690 pop in the 32 sites of 1A &amp; 2 Zones, and 14,250 pop in the 1sr site of Zone 3.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Female beneficiaries</th>
<th>Percentage</th>
<th>Value</th>
<th>0.00</th>
<th>0.00</th>
<th>51.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sub Type</td>
<td>Supplemental</td>
<td>Value</td>
<td>0.00</td>
<td>0.00</td>
<td>51.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BURUNDI (CIP2): Volume of international traffic (Mbit/s simplex)</th>
<th>Text</th>
<th>Value</th>
<th>250</th>
<th>763</th>
<th>700</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>01-Mar-2007</td>
<td>31-Mar-2014</td>
<td>31-Oct-2014</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comments</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Access to Internet Services (number of subscribers per 100 people)</th>
<th>Number</th>
<th>Value</th>
<th>0.03</th>
<th>6.90</th>
<th>5.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>01-Mar-2007</td>
<td>31-Mar-2014</td>
<td>31-Oct-2014</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comments</td>
<td>BURUNDI 2,000 (total number of subscribers)</td>
<td>Nb: 593,088 vs 119,513 (in 2013) Pop: initially 8.6m since July 2013 at 10.88 m. For data comparability reason, the project is using the baseline figures while the pop has increased to est. 10.88 million since July 2013.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Access to Telephone Services (fixed mainlines plus cellular phones per 100 people)</th>
<th>Number</th>
<th>Value</th>
<th>3.00</th>
<th>35.46</th>
<th>35.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>01-Mar-2007</td>
<td>31-Mar-2014</td>
<td>31-Oct-2014</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comments</td>
<td>BURUNDI</td>
<td>Nb: 3,049,857 vs 2,940,036 Est. Pop in 2007: 8.6 m</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
For data comparability reason, the project is using the baseline figures while the pop has increased to est. 10.88 million since July 2013.

### BURUNDI (CIP2):
- **Price of wholesale international E1 capacity link**
  - Text
  - Value: US$8,000
  - Date: 01-Mar-2007
  - Comments: $300.00: BBS’s price

### Intermediate Results Indicators

<table>
<thead>
<tr>
<th>Indicator Name</th>
<th>Core</th>
<th>Unit of Measure</th>
<th>Baseline</th>
<th>Current</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>KENYA (TCIP/CIP1): Number of counties with approved ICT Master Plans for development (out of 47)</strong></td>
<td></td>
<td>Number</td>
<td>1.00</td>
<td>1.00</td>
<td>12.00</td>
</tr>
<tr>
<td><strong>KENYA (TCIP/CIP) Number of users drilling down on pages in the NCC portal website monthly</strong></td>
<td></td>
<td>Number</td>
<td>12100.00</td>
<td>16243.00</td>
<td></td>
</tr>
<tr>
<td><strong>KENYA (TCIP/CIP1) Percentage increase in reported revenue by two other counties who have received support from the project</strong></td>
<td></td>
<td>Percentage</td>
<td>0.00</td>
<td>0.00</td>
<td></td>
</tr>
<tr>
<td><strong>KENYA County 2</strong></td>
<td></td>
<td>Percentage</td>
<td>0.00</td>
<td>0.00</td>
<td></td>
</tr>
<tr>
<td><strong>KENYA County 3</strong></td>
<td></td>
<td>Percentage</td>
<td>0.00</td>
<td>0.00</td>
<td></td>
</tr>
<tr>
<td><strong>KENYA (TCIP/CIP1) Percentage users satisfied with the electronic services funded by the project in the participating counties in the project</strong></td>
<td></td>
<td>Percentage</td>
<td>0.00</td>
<td>0.00</td>
<td></td>
</tr>
<tr>
<td>KENYA For NCC</td>
<td>Percentage Breakdown</td>
<td>Value</td>
<td>Date</td>
<td>Comments</td>
<td></td>
</tr>
<tr>
<td>---------------</td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.00</td>
<td>02-May-2014</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>KENYA (TCIP/CIP1): Price of national backbone loop for 1Mb link from Nairobi to Thika (US$/Month)</th>
<th>Text</th>
<th>Value</th>
<th>Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>KENYA (TCIP/CIP1): Price of national backbone loop for 1Mb link from Nairobi to Thika (US$/Month)</td>
<td>Text</td>
<td>650</td>
<td>01-Mar-2007</td>
<td>02-May-2014</td>
</tr>
<tr>
<td>This is based on 1Mb full duplex point to point link (With no services);</td>
<td></td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>KENYA (TCIP/CIP1): Number of operators with access to the landing station and buying the capacity</th>
<th>Text</th>
<th>Value</th>
<th>Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>KENYA (TCIP/CIP1): Number of operators with access to the landing station and buying the capacity</td>
<td>Text</td>
<td>0</td>
<td>01-Mar-2007</td>
<td>02-May-2014</td>
</tr>
<tr>
<td>All the 10 operators are buying capacity at the landing station (10 operators namely: Kenya data Network, Jamii, Telkom Kenya, Access Kenya, Safaricom, Airtel, Essar, Wanainchi online, African online and Nairobi net are buying capacity at TEAMS and SEACOM are actively buying their capacity and accessing it in Mombasa for backhauling and distribution upcountry)</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Retail Price of Internet Services (per Mbit/s per Month, in US$)</th>
<th>Amount(USD)</th>
<th>Value</th>
<th>Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retail Price of Internet Services (per Mbit/s per Month, in US$)</td>
<td>Amount(USD)</td>
<td>1250.00</td>
<td>01-Mar-2007</td>
<td>02-May-2014</td>
</tr>
<tr>
<td>Prices and contentions ratios have remained the same from previous reporting, however service providers are giving additional incentives like additional minutes, and promotion based rates of up to 80% of their standard rates</td>
<td></td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>KENYA (TCIP/CIP1): Number of BPO jobs</th>
<th>Text</th>
<th>Value</th>
<th>Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>KENYA (TCIP/CIP1): Number of BPO jobs</td>
<td>Text</td>
<td>500</td>
<td>01-Mar-2007</td>
<td>02-May-2014</td>
</tr>
<tr>
<td>While there is a significant number of graduates from tertiary institutions who could fill jobs in BPO, the employability into this sector</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
is still inadequate. Investment in soft skills and BPO readiness environments remains a gap for the players. The COE project will seek to assist in closing this gap and preparing the industry for other outsourcing segments like non-voice BPO, KPO and ITO. This initiative will also enable the sector readiness for a spike in demand for human capital to satisfy client demands which is currently anticipated.

<table>
<thead>
<tr>
<th>KENYA (TCIP/CIP1): Number of university PCs connected to broadband</th>
<th>Text</th>
<th>Value</th>
<th>10,000</th>
<th>51,300</th>
<th>70,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>01-Mar-2007</td>
<td>02-May-2014</td>
<td>31-Dec-2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comments</td>
<td>These are the PCs connected to the broadband by Kenet; no change reported by team.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>KENYA (TCIP/CIP1): Number of Gov't institutions connected to the govt virtual network</th>
<th>Text</th>
<th>Value</th>
<th>0</th>
<th>64</th>
<th>&gt;90</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>01-Mar-2007</td>
<td>02-May-2014</td>
<td>31-Dec-2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comments</td>
<td>1.2Gb/s IRU link activated, already 800mb is used at peak times. No change reported by team.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Kenya (TCIP/CIP1) Number of Department adopting eGov</th>
<th>Text</th>
<th>Value</th>
<th>0</th>
<th>12</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>01-Mar-2007</td>
<td>02-May-2014</td>
<td>31-Dec-2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comments</td>
<td>The Departments adopting the e-services are KRA, Independent electoral and Boundaries Commission of Kenya, Public service, immigration, National registration Bureau, Judiciary (causelist and telepresence, Ministry of Education, company Registry, the ministry of lands, teacher service commission and the ministry of Agriculture, Ministry of transport. No</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kenya (TCIP/CIP1) Share of High Court records in current status over the past 13 years available electronically</td>
<td>Text</td>
<td>Value</td>
<td>0% of 130,000 records</td>
<td>166%</td>
<td>100%</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>Date</td>
<td>01-Mar-2007</td>
<td>02-May-2014</td>
<td>31-Dec-2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comments</td>
<td>By December 2011 60 million records (216,000 files) had been digitised, this represents 166% of the original files to be digitised and the document management system is under implementation. No change in the report period.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Kenya T(TCIP/CIP1) Number of applications developed in shared services</th>
<th>Text</th>
<th>Value</th>
<th>0</th>
<th>0</th>
<th>&gt;5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>01-Mar-2007</td>
<td>02-May-2014</td>
<td>31-Dec-2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comments</td>
<td>IFIMS shared platform is in place; project team has not reported any applications developed.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>KENYA (TCIP/CIP1): Number of Ministries and Counties using KIFMIS</th>
<th>Number</th>
<th>Value</th>
<th>65.00</th>
<th>71.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>02-May-2014</td>
<td>31-Dec-2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comments</td>
<td>47 counties and 18 ministries have been connected to the IFMIS through the Private APN and configured modems; no change in this reporting period.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ministries</th>
<th>Number</th>
<th>Value</th>
<th>18.00</th>
<th>24.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>02-May-2014</td>
<td>31-Dec-2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comments</td>
<td>18 Ministries have been connected to IFMIS through Government support. No change.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Counties</th>
<th>Number</th>
<th>Value</th>
<th>47.00</th>
<th>47.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>02-May-2014</td>
<td>31-Dec-2016</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comments</td>
<td>47 counties connected to the IFMIS through the Private APN through configured modems. This is the total number of counties, and the</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**KENYA (TCIP/ CIP1): Average system uptime for the 24 Ministries**

<table>
<thead>
<tr>
<th>Text</th>
<th>Value</th>
<th>Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>95%</td>
<td>02-May-2014</td>
<td></td>
</tr>
<tr>
<td></td>
<td>99.75%</td>
<td>31-Dec-2016</td>
<td></td>
</tr>
</tbody>
</table>

Unit: Percentage of uptime

The average uptime between December 2012 and June 2013 was 95%. This has remained constant.

**KENYA (TCIP/CIP1): Time required to clear un-reconciled items in bank reconciliation reports**

<table>
<thead>
<tr>
<th>Days</th>
<th>Value</th>
<th>Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>30.00</td>
<td>02-May-2014</td>
<td></td>
</tr>
<tr>
<td></td>
<td>15.00</td>
<td>31-Dec-2016</td>
<td></td>
</tr>
</tbody>
</table>

The data source is the Accountant General’s Department. The indicators will be collected for yearly averages.

**KENYA (TCIP/ CIP1): Number of embeds from the open data portal**

<table>
<thead>
<tr>
<th>Number</th>
<th>Value</th>
<th>Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.00</td>
<td>01-Mar-2007</td>
<td></td>
</tr>
<tr>
<td></td>
<td>22391.00</td>
<td>02-May-2014</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8000.00</td>
<td>31-Dec-2016</td>
<td></td>
</tr>
</tbody>
</table>

Unit: Numbers (per month)

As of April 2014. The sharp increase is again as a result of additional sensitization meetings held which have increased access to the system.

**KENYA (TCIP/ CIP1): Number of government agencies with datasets online**

<table>
<thead>
<tr>
<th>Number</th>
<th>Value</th>
<th>Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.00</td>
<td>01-Mar-2007</td>
<td></td>
</tr>
<tr>
<td></td>
<td>11.00</td>
<td>02-May-2014</td>
<td></td>
</tr>
<tr>
<td></td>
<td>100.00</td>
<td>31-Dec-2016</td>
<td></td>
</tr>
</tbody>
</table>

These are: KNBS, Ministry of Education, Ministry of health, Constituency development fund, ministry of finance, Kenya national Audit office, Ministry of lands and Business registry, Ministry of state planning and vision 2030, Kenya law report and Ministry of Tourism. In the next few months, there will be a concerted effort to increase this number.
| MADAGASCAR (CIP3): Price of Internet Access (monthly price for 256kb connection) | □ | Text | Value | $400 | $126.58 | $27 |
| Date | 01-Mar-2007 | 31-Dec-2013 | 31-Dec-2015 |
| Comments | The price reduction registered since 2012 corresponds to a lowering of the price applied by some operators in parallel with a relative increase of the internet speed.

| Retail Price of Internet Services (per Mbit/s per Month, in US$) | □ | Amount(USD) | Value | 1208.61 | 138.00 | 108.00 |
| Date | 01-Mar-2007 | 30-Sep-2013 | 31-Dec-2015 |
| Comments | MADAGASCAR | Monthly price for Mbit (not kb). The price decrease registered since 2012 corresponds to a slight lowering of the price applied by some operators, in parallel with a relative speed increase.

| MADAGASCAR (CIP3): Number of localities (communes) with broadband access | □ | Text | Value | 12 | 563 | 1065 |
| Date | 01-Mar-2007 | 31-Dec-2013 | 31-Dec-2015 |
| Comments | The increase in Internet access in the communes corresponds to the installation of the 3G by AIRTEL, ORANGE and GULFSAT.

| MADAGASCAR (CIP 3): Number of towers constructed | □ | Number | Value | 0.00 | 33.00 | 68.00 |
| Date | 01-Mar-2007 | 28-May-2014 | 31-Dec-2015 |
| Comments | Delays due to the slippage of the procurement process. 32 sites completed in 1A & 2 zones, and 1 site in Zone 3.

| BURUNCI (CIP2): Increased protection of intellectual property & of electronic transactions | □ | Text | Value | NA | eLegislation framework in place |
| Date | 01-Mar-2007 | 31-Dec-2012 | 30-Apr-2014 |
| Comments | This activity will likely not be completed in the project no longer going to be implemented.

| BURUNCI (CIP2): Mobile Phone charges decreasing | □ | Text | Value | 320 | 60 | 60 |
| Date | 01-Mar-2007 | 31-Mar-2013 | 31-Oct-2014 |
| Comments | Local operators average price
### Impact on Telecom sector of World Bank Technical Assistance (composite score: 1- low impact to 5-high impact)

<table>
<thead>
<tr>
<th>Number</th>
<th>Value</th>
<th>Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1.00</td>
<td>01-Mar-2007</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3.00</td>
<td>31-Mar-2014</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4.00</td>
<td>31-Oct-2014</td>
<td></td>
</tr>
</tbody>
</table>

**BURUNDI (CIP2): Number of operators with access to the landing station**

<table>
<thead>
<tr>
<th>Text</th>
<th>Value</th>
<th>Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>01-Mar-2007</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>31-Mar-2014</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>31-Oct-2014</td>
<td></td>
</tr>
</tbody>
</table>

**Retail Price of Internet Services (per Mbit/s per Month, in US$)**

<table>
<thead>
<tr>
<th>Amount(USD)</th>
<th>Value</th>
<th>Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2500.00</td>
<td>01-Mar-2007</td>
<td></td>
</tr>
<tr>
<td></td>
<td>300.00</td>
<td>31-Mar-2014</td>
<td></td>
</tr>
<tr>
<td></td>
<td>300.00</td>
<td>31-Oct-2014</td>
<td></td>
</tr>
</tbody>
</table>

**Comments:** With the connection of submarine cables at the cost the prices have started to go down.

**BURUNDI (CIP2): Number of localities (communes) with broadband access**

<table>
<thead>
<tr>
<th>Text</th>
<th>Value</th>
<th>Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>01-Mar-2007</td>
<td></td>
</tr>
<tr>
<td></td>
<td>34</td>
<td>31-Mar-2014</td>
<td></td>
</tr>
<tr>
<td></td>
<td>20</td>
<td>31-Oct-2014</td>
<td></td>
</tr>
</tbody>
</table>

**Comments:** The backbone will go into service over the next month and so figures should be available soon.

**BURUNDI (CIP2): Success rate for international calls**

<table>
<thead>
<tr>
<th>Text</th>
<th>Value</th>
<th>Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>50%</td>
<td>01-Mar-2007</td>
<td></td>
</tr>
<tr>
<td></td>
<td>90%</td>
<td>31-Mar-2014</td>
<td></td>
</tr>
<tr>
<td></td>
<td>90%</td>
<td>31-Oct-2014</td>
<td></td>
</tr>
</tbody>
</table>

**BURUNDI (CIP2): Number of university PCs connected to broadband**

<table>
<thead>
<tr>
<th>Text</th>
<th>Value</th>
<th>Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>01-Mar-2007</td>
<td></td>
</tr>
<tr>
<td></td>
<td>100</td>
<td>31-Mar-2014</td>
<td></td>
</tr>
<tr>
<td></td>
<td>100</td>
<td>31-Oct-2014</td>
<td></td>
</tr>
</tbody>
</table>

**Comments:** The backbone will go into service over the next month and so figures should be available soon, especially after the planned purchase of capacity which will include universities.

**BURUNDI (CIP2): Number of Government institutions connected to the Government virtual network**

<table>
<thead>
<tr>
<th>Text</th>
<th>Value</th>
<th>Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>01-Mar-2007</td>
<td></td>
</tr>
<tr>
<td></td>
<td>58</td>
<td>31-Mar-2014</td>
<td></td>
</tr>
<tr>
<td></td>
<td>30</td>
<td>31-Oct-2014</td>
<td></td>
</tr>
</tbody>
</table>

**Comments:** The backbone will go into service over the next month and so figures should be available soon, especially after the planned purchase of capacity which will include government institutions.
### Length of Fiber Optic Network Built (km)

<table>
<thead>
<tr>
<th>Kilometers</th>
<th>Value</th>
<th>Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.00</td>
<td>01-Mar-2007</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1254.00</td>
<td>31-Mar-2014</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1500.00</td>
<td>31-Oct-2014</td>
<td></td>
</tr>
</tbody>
</table>

### BURUNDI (CIP2): Government pilot portal launched

<table>
<thead>
<tr>
<th>Text</th>
<th>Value</th>
<th>Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>NA</td>
<td>01-Mar-2007</td>
<td>The portal should be launched over the next 6months</td>
</tr>
<tr>
<td></td>
<td>NA</td>
<td>31-Mar-2014</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>31-Oct-2014</td>
<td></td>
</tr>
</tbody>
</table>

### Data on Financial Performance (as of 20-Jun-2014)

#### Financial Agreement(s) Key Dates

<table>
<thead>
<tr>
<th>Project</th>
<th>Ln/Cr/Tf</th>
<th>Status</th>
<th>Approval Date</th>
<th>Signing Date</th>
<th>Effectiveness Date</th>
<th>Original Closing Date</th>
<th>Revised Closing Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>P094103</td>
<td>IDA-54080</td>
<td>Not Effective</td>
<td>26-Mar-2014</td>
<td></td>
<td></td>
<td>31-Dec-2016</td>
<td>31-Dec-2016</td>
</tr>
</tbody>
</table>

#### Disbursements (in Millions)

<table>
<thead>
<tr>
<th>Project</th>
<th>Ln/Cr/Tf</th>
<th>Status</th>
<th>Currency</th>
<th>Original</th>
<th>Revised</th>
<th>Cancelled</th>
<th>Disbursed</th>
<th>Undisbursed</th>
<th>% Disbursed</th>
</tr>
</thead>
<tbody>
<tr>
<td>P094103</td>
<td>IDA-42840</td>
<td>Effective</td>
<td>XDR</td>
<td>76.21</td>
<td>76.21</td>
<td>0.00</td>
<td>62.26</td>
<td>13.95</td>
<td>82.00</td>
</tr>
<tr>
<td>P094103</td>
<td>IDA-42850</td>
<td>Effective</td>
<td>XDR</td>
<td>20.20</td>
<td>10.10</td>
<td>10.10</td>
<td>5.21</td>
<td>4.89</td>
<td>52.00</td>
</tr>
<tr>
<td>P094103</td>
<td>IDA-50920</td>
<td>Effective</td>
<td>XDR</td>
<td>35.60</td>
<td>35.60</td>
<td>0.00</td>
<td>14.18</td>
<td>21.42</td>
<td>40.00</td>
</tr>
<tr>
<td>P094103</td>
<td>IDA-54080</td>
<td>Not Effective</td>
<td>XDR</td>
<td>19.60</td>
<td>19.60</td>
<td>0.00</td>
<td>0.00</td>
<td>19.60</td>
<td>0.00</td>
</tr>
<tr>
<td>P094103</td>
<td>IDA-H2830</td>
<td>Effective</td>
<td>XDR</td>
<td>13.50</td>
<td>13.50</td>
<td>0.00</td>
<td>12.01</td>
<td>1.49</td>
<td>89.00</td>
</tr>
</tbody>
</table>

### Disbursement Graph
Key Decisions Regarding Implementation

BURUNDI: The project team (SETIC) is invited to closely follow up on lifting of the reserves for the BBs network by the project closing date. SETIC should also sign the capacity purchase contract for BERNet in July. Finally government should focus on preparing any closeout safeguard reports, its contribution to the Implementation Completion Report, and put in place transition arrangements for after project closing date, to ensure a smooth closing of the project.

MADAGASCAR: The project team will focus on the implementation of the two main contracts under Component 2, with a close follow up of the two phases, to avoid any delays in the works. Government should decide whether it wants to use the remaining funds in the project to support the urgent legal and regulatory actions which have been pending since the beginning of the crisis, but that could now be implemented. With the new authorities in place, the project is requested to reappoint the project Steering Committee and resume its meetings.

KENYA: Following the approval of the new constitution and the recent elections which place a strong emphasis on devolution, the Bank has approved the government’s request for a second Additional Financing of $30m to support the Government of Kenya work in ICT the counties. Work is underway to determine which applications would be most efficacious for government to pursue.

Restructuring History

Level two Approved on 19-Aug-2010, Level 2 RVP Decision on 27-Mar-2014

Related Projects

P127380-Kenya - KTCIP/Additional Financing (RCIP 1), P149019-Kenya Transparency and Infrastructure Project Additional Financing 2, P149043-Kenya Transparency and Communications Infrastructure Project