



## West Africa Regional Communications Infrastructure Project - APL-1B (P122402)

AFRICA | Western Africa | Digital Development Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2011 | Seq No: 14 | ARCHIVED on 20-Dec-2018 | ISR35002 |

Implementing Agencies: Ministry of Economy and Finance, Ministry of Digital Economy and Post, Minister of Finance and Economic Affairs, Ministry of Information and Communications Infrastructure, Ministère de l'Economie et des Finances du Burkina Faso, Ministère du Développement de l'Economie Numérique et des Postes, Autorité de Régulation des Communications Électroniques et des Postes, Secrétariat Permanent du Programme Sectoriel des Transports

### Key Dates

#### Key Project Dates

Bank Approval Date: 21-Jun-2011

Effectiveness Date: 31-Oct-2011

Planned Mid Term Review Date: 28-Apr-2014

Actual Mid-Term Review Date: 02-Jun-2014

Original Closing Date: 31-Dec-2016

Revised Closing Date: 30-Jun-2021

### Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The development objective of WARCIP is to increase the geographical reach of broadband networks and reduce costs of communications services in West Africa. For APL1B, the Project's development objectives are to contribute to increasing the geographical reach of broadband networks and to reducing the costs of communications services in each of the territories of The Gambia, Guinea and Burkina Faso.

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

No

### Components

Name

Burkina Faso: Component 1- Connectivity:(Cost \$31.30 M)

Burkina Faso: Component 2- Creation of an Enabling Environment and Strengthening of Institutions for Improved Connectivity:(Cost \$8.68 M)

Burkina Faso: Component 3- Project implementation and Contingency:(Cost \$2.26 M)

Guinea: Component 1- Supporting Connectivity:(Cost \$25.00 M)

Guinea: Component 2- Creating an Enabling Environment for improved connectivity:(Cost \$6.80 M)

Guinea: Component 3- Project implementation:(Cost \$2.00 M)

Gambia: Component 1- Supporting Connectivity:(Cost \$25.75 M)

Gambia: Component 2- Creating an Enabling Environment for improved connectivity:(Cost \$7.25 M)

Gambia: Component 3- Project implementation, communications and M&E including contingency:(Cost \$2.00 M)

### Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	● Satisfactory	● Satisfactory
Overall Implementation Progress (IP)	● Satisfactory	● Satisfactory
Overall Risk Rating	● Moderate	● Moderate

## Implementation Status and Key Decisions

**Guinea, project closing date December 31st, 2016.**  
**The Gambia, project closing date December 31st, 2016.**  
**Burkina Faso**

The original project is now completed and closed at the end of September 2018, with a disbursement rate of 100%. The VLP (Virtual Landing Point), which is a PPP regrouping 14 public and private entities (SCOOPS), is now fully operational entity. The equipment has been successfully tested over the past few months and the actual commercialization of the bandwidth is starting in December 2018. The international capacity is provided in part through the connectivity link built between Ouagadougou and Paga (border with Ghana). The international bandwidth is already delivered to 8 Internet Service Providers (ISP) with a 50% utilization rate of the 5Gib/s available. The indicators show a satisfactory market trend with increasing penetration and fast declining telecoms service retail prices. As a result of the establishment of the VLP, several ISPs have been created and have started operations.

An additional financing was approved by the board on April 25th 2018, signed on May 11th 2018 and declared effective on September 5th, 2018. The key upcoming activities are related to the establishment of a PPP for the operations of (some or all of) the publicly-funded telecoms network infrastructures and the construction of a connectivity link with Benin.

## Risks

### Systematic Operations Risk-rating Tool

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

## Results

### PDO Indicators by Objectives / Outcomes

To increase the geographical reach of broadband networks and reduce costs of communications in BF

► Average monthly price of wholesale international E1 capacity link from capital city to Europe (USD/month/2Mbit/s) (Amount(USD), Custom)

Baseline

Actual (Previous)

Actual (Current)

End Target



Value	7,300.00	1,717.00	1,717.00	2,450.00
Date	31-Dec-2010	22-Aug-2016	22-Aug-2016	31-Dec-2016
<b>▲Gambia: Average monthly price of wholesale international E1 capacity link from capital city to Europe (USD/month/2Mbit/s) (Amount(USD), Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	5,000.00	0.00	0.00	1,000.00
Date	31-Dec-2010	23-Dec-2016	23-Dec-2016	31-Mar-2016
<b>▲Guinea: Average monthly price of wholesale international E1 capacity link from capital city to Europe (USD/month/2Mbit/s) (Amount(USD), Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	8,000.00	1,400.00	1,400.00	1,400.00
Date	30-Sep-2010	07-Jan-2016	07-Jan-2016	31-Mar-2016
<b>▲Burkina Faso: Average monthly price of wholesale international E1 capacity link from capital city to Europe (US\$ per month per 2Mbps (Amount(USD), Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	9,000.00	1,513.00	1,513.00	700.00
Date	31-Dec-2010	31-Dec-2017	31-Dec-2017	30-Jun-2021
<b>▶Access to Telephone Services (fixed mainlines plus cellular phones per 100 people) (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	35.95	85.00	85.00	54.75
Date	30-Sep-2010	29-Aug-2016	29-Aug-2016	30-Dec-2016
<b>▲Guinea: Access to Telephone Services (fixed mainlines plus cellular phones per 100 people) (Number, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	34.70	97.80	97.80	47.50
Date	30-Sep-2010	23-Dec-2016	23-Dec-2016	30-Dec-2016
<b>▲Burkina Faso: Access to Telephone Services (fixed mainlines plus cellular phones per 100 people) (Number, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	37.20	91.00	95.90	92.00
Date	31-Dec-2010	31-Dec-2017	31-Oct-2018	30-Jun-2021
<b>▶Volume of international traffic: International Communications (Internet, Telecoms, and Data) bandwidth per person (kbit/per person) (Number, Custom)</b>				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	14.33	247.00	247.00	63.00
Date	31-Dec-2010	24-Aug-2016	24-Aug-2016	30-Dec-2016
<b>▲Gambia: Volume of international traffic: International Communications (Internet, Telecoms, and Data) bandwidth per person (kbit/perperson) (Number, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	10.00	497.00	497.00	30.00
Date	31-Dec-2010	23-Dec-2016	23-Dec-2016	31-Mar-2016
<b>▲Guinea: Volume of international traffic: International Communications (Internet, Telecoms, and Data) bandwidth per person (kbit/perperson) (Number, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	5.00	85.75	85.75	85.00
Date	31-Dec-2010	23-Dec-2016	23-Dec-2016	30-Dec-2016
<b>▶Access to Internet Services (number of subscribers per 100 people) (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.41	21.66	21.66	1.43
Date	30-Sep-2010	29-Aug-2016	29-Aug-2016	30-Dec-2016
<b>▲Gambia: Access to Internet Services (number of subscribers per 100 people) (Number, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.75	35.90	35.90	3.00
Date	30-Sep-2010	23-Dec-2016	23-Dec-2016	30-Dec-2016
<b>▲Guinea: Access to Internet Services (number of subscribers per 100 people) (Number, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.30	26.19	26.19	0.70
Date	31-Dec-2010	23-Dec-2016	23-Dec-2016	30-Dec-2016
<b>▲Burkina Faso: Access to Internet Services (number of subscribers per 100 people) (Number, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.20	28.00	31.00	40.00
Date	31-Dec-2010	31-Dec-2017	31-Oct-2018	30-Jun-2021
<b>▶Direct project beneficiaries (Number, Custom)</b>				

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	3,300,000.00	7,840,000.00	7,840,000.00	6,242,000.00
Date	30-Sep-2010	29-Aug-2016	29-Aug-2016	30-Dec-2016
<b>▲Gambia: Direct project beneficiaries (Number, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1,600,000.00	1,600,000.00	1,600,000.00	1,800,000.00
Date	30-Sep-2010	19-Jun-2015	19-Jun-2015	31-Mar-2016
<b>▲Gambia: female beneficiaries (Percentage, Custom Supplement)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	44.00	47.00	47.00	51.00
<b>▲Guinea: Direct project beneficiaries (Number, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	3,700,000.00	10,150,000.00	10,150,000.00	5,600,000.00
Date	30-Sep-2010	23-Dec-2016	23-Dec-2016	30-Dec-2016
<b>▲Guinea: Female beneficiaries (Percentage, Custom Supplement)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	25.00	35.00	35.00	30.00

### Overall Comments

Presentation issues due to the regional dimension of the project, which is not properly addressed by the reporting system and leaving legacy data related to the closed projects in Guinea and Gambia.

### Intermediate Results Indicators by Components

Burkina Faso: Component 1- Connectivity				
<b>►Burkina Faso: Volume of available international capacity: International Communications (Internet, Telecoms, and Data) bandwidth (Gbps) (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.78	17.70	39.30	30.00
Date	31-Dec-2010	31-Dec-2017	31-Oct-2018	30-Jun-2021
<b>►Burkina Faso: Retail price of mobile Internet services (5Go prepaid package with 3G technologies or above) (Amount(USD), Custom)</b>				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	16.00	--	13.90	8.00
Date	31-Dec-2016	--	31-Oct-2018	30-Jun-2021
<b>►Burkina Faso: Retail price of fixed Internet services (download speed at 2Mbps or above) per month (Amount(USD), Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	130.00	--	73.00	70.00
Date	31-Dec-2016	--	31-Oct-2018	30-Jun-2021
<b>►Burkina Faso: Network coverage for mobile telephony (as % of population) (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	80.00	--	93.00	90.00
Date	31-Dec-2016	--	31-Oct-2018	30-Jun-2021
<b>►Burkina Faso: Network coverage for mobile Internet (3G and above, as % of population) (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	25.00	--	25.00	60.00
Date	31-Dec-2016	--	30-Sep-2017	30-Jun-2021
Comments:	No updated value available			
<b>►Burkina Faso: Total length of national fiber optic networks (km) (Kilometers, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1,860.00	--	2,640.00	3,500.00
Date	31-Dec-2016	--	31-Oct-2018	30-Jun-2021
<b>►Burkina Faso: National Internet traffic exchanged at the IXP (Mbps peak times) (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	350.00	--	300.00	1,500.00
Date	31-Dec-2016	--	31-Oct-2018	30-Jun-2021
<b>►Burkina Faso: Citizen perception of the affordability and quality of broadband services (Including perception by women) (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	75.00
Date	31-Dec-2017	--	31-Oct-2018	30-Jun-2021

Comments:	There is no baseline for this indicator. The indicator will be collected through a survey, after the effectiveness of AF and at the closing date. Not available yet.			
<b>► Impact on Telecom sector of World Bank Technical Assistance (composite score: 1- low impact to 5-high impact) (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3.00	3.00	3.00
Date	30-Sep-2010	29-Aug-2016	29-Aug-2016	30-Dec-2016
<b>▲ Gambia: Impact on Telecom sector of World Bank Technical Assistance (composite score: 1- low impact to 5-high impact) (Number, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3.00	3.00	3.00
Date	31-Dec-2010	19-Jun-2015	19-Jun-2015	30-Dec-2016
<b>▲ Guinea: Impact on Telecom sector of World Bank Technical Assistance (composite score: 1- low impact to 5-high impact) (Number, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	4.00	4.00	3.00
Date	31-Dec-2010	23-Dec-2016	23-Dec-2016	30-Dec-2016
<b>▲ Burkina Faso: Impact on Telecom sector of World Bank Technical Assistance (composite score: 1- low impact to 5-high impact) (Number, Custom Breakdown)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	4.00	4.00	4.00
Date	31-Dec-2010	31-Dec-2017	31-Oct-2018	30-Jun-2021

#### Guinea: Component 1- Supporting Connectivity

##### ► Guinea: Volume of available international capacity: International Communications (Internet, Telecoms, and Data) bandwidth (Gbit/s) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.15	9.50	9.50	5.90
Date	31-Dec-2010	23-Dec-2016	23-Dec-2016	30-Dec-2016

#### Gambia: Component 1- Supporting Connectivity

##### ► Gambia: Volume of available international capacity: International Communications (Internet, Telecoms, and Data) bandwidth (Gbit/s) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.16	4.97	4.97	5.90



Date	31-Dec-2010	23-Dec-2016	23-Dec-2016	31-Mar-2016
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**Overall Comments**

Presentation issues due to the regional dimension of the project, which is not properly addressed by the reporting system and leaving legacy data related to the closed projects in Guinea and Gambia.

**Data on Financial Performance**

**Disbursements (by loan)**

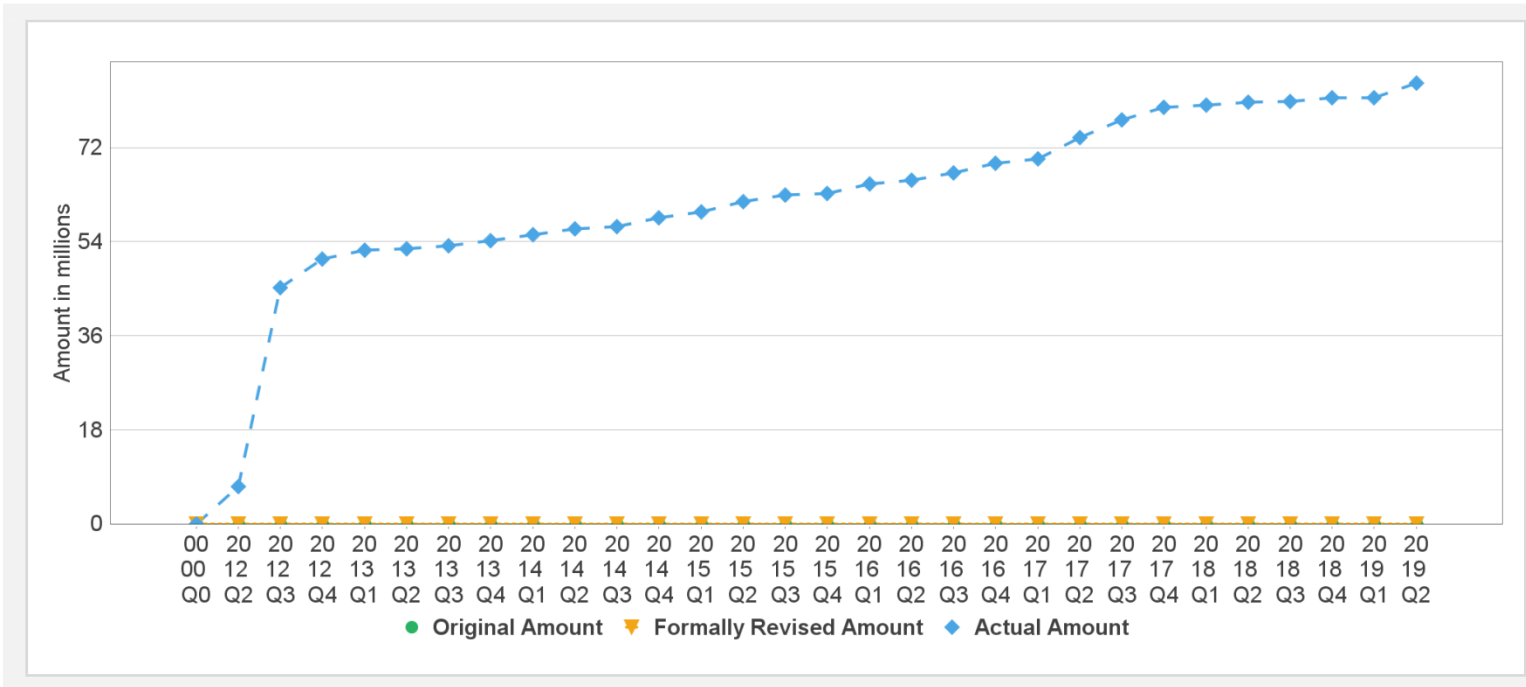
Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P122402	IDA-62220	Effective	USD	20.00	20.00	0.00	0.00	19.00	0%
P122402	IDA-H7120	Closed	USD	23.00	23.00	0.00	19.95	0.06	100%
P122402	IDA-H7130	Closed	USD	35.00	34.76	0.24	32.56	0.00	100%
P122402	IDA-H7140	Closed	USD	34.00	33.87	0.13	31.76	0.00	100%

**Key Dates (by loan)**

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P122402	IDA-62220	Effective	25-Apr-2018	11-May-2018	05-Sep-2018	30-Jun-2021	30-Jun-2021
P122402	IDA-H7120	Closed	21-Jun-2011	04-Jul-2011	22-Dec-2011	31-Dec-2016	30-Sep-2018
P122402	IDA-H7130	Closed	21-Jun-2011	29-Jun-2011	31-Oct-2011	31-Mar-2016	31-Dec-2016
P122402	IDA-H7140	Closed	21-Jun-2011	29-Jun-2011	19-Dec-2011	31-Mar-2016	31-Dec-2016

**Cumulative Disbursements**





### Restructuring History

Level 2 Approved on 29-Feb-2016 ,Level 2 Approved on 28-Dec-2017

### Related Project(s)

P161836-Burkina Faso - West Africa Regional Communications Infrastructure Project - Additional Financing