Implementation Status & Results Report

National Roads and Airport Infrastructure Project (P122007)

LATIN AMERICA AND CARIBBEAN | Bolivia | Transport Global Practice |

IBRD/IDA | Investment Project Financing | FY 2011 | Seq No: 17 | ARCHIVED on 25-Jan-2021 | ISR44315 |

Implementing Agencies: AASANA, Administradora Boliviana de Carreteras (ABC), Ministerio de Planificación del Desarrollo

Key Dates

Key Project Dates

Bank Approval Date: 05-May-2011 Effectiveness Date: 10-Apr-2012

Planned Mid Term Review Date: 03-Oct-2016 Actual Mid-Term Review Date: 16-Jan-2017

Original Closing Date: 31-Dec-2016 Revised Closing Date: 07-Aug-2022

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

To improve the year-round transitability of the San Buenaventura - Ixiamas national road and improve the safety, security and operational reliability of the Rurrenabaque Airport.

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

No

Public Disclosure Authorized

Components

Name

Improving the San Buenaventura - Ixiamas National Road:(Cost \$102.99 M)

Improving the Rurrenabaque Airport:(Cost \$15.21 M)

Institutional Strenghtening of ABC and AASANA, and other relevant entities: (Cost \$5.00 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	■Moderately Unsatisfactory	■Moderately Unsatisfactory
Overall Implementation Progress (IP)	□Moderately Unsatisfactory	■Moderately Unsatisfactory
Overall Risk Rating	□Substantial	Substantial

Implementation Status and Key Decisions

The Project has had challenges in its implementation, especially with the contractor's abandonment of works on the San Buenaventura–Ixiamas road. Both the Government and the Bank have been working to reactivate the road upgrading component. On the other hand, work at the Rurrenabaque Airport is currently in progress.

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Risks

Systematic Operations Risk-rating Tool

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

Results

PDO Indicators by Objectives / Outcomes

► Reduce the transime (Number, Cust	port costs to the San Buenaventura com)	ı - Ixiamas road users, includin	g vehicle operating costs an	d monetary value of trave
	Baseline	Actual (Previous)	Actual (Current)	End Target
/alue	0.00	0.00	0.00	0.00
ate	05-May-2011	02-Apr-2020	02-Apr-2020	07-Aug-2022
□Vehicle Operati	ng Costs- Car (US\$/veh-km) (Numb	er, Custom Breakdown)		
·	Baseline	Actual (Previous)	Actual (Current)	End Target
		,	Actual (Current) 0.71	End Target 0.26
Value	Baseline	Actual (Previous)		
Value Date	Baseline 0.71	Actual (Previous) 0.71 02-Apr-2020	0.71	0.26
Value Date	Baseline 0.71 05-May-2011	Actual (Previous) 0.71 02-Apr-2020	0.71	0.26

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Vehicle Operating Costs- Bus (US\$/veh-km) (Number, Custom Breakdown) Baseline										
Value Actual (Previous) Actual (Current) End Target Value 4.41 4.41 4.41 1.50 Date 05-May-2011 02-Apr-2020 02-Apr-2020 07-Aug-2020 Vehicle Operating Costs - Trailer Truck (US\$/veh-km) (Number, Custom Breakdown) Actual (Current) End Target Value 2.65 2.65 2.65 1.30 Date 05-May-2011 02-Apr-2020 02-Apr-2020 07-Aug-202 Vehicle Operating Costs- Large Truck (US\$/veh-km) (Number, Custom Breakdown) Actual (Current) End Target Value 2.05 2.05 2.05 0.95 Date 05-May-2011 02-Apr-2020 02-Apr-2020 07-Aug-202 Vehicle Operating Costs - Medium truck (US\$/veh-km) (Number, Custom Breakdown) End Target Vehicle Operating Costs - Medium truck (US\$/veh-km) (Number, Custom Breakdown) Actual (Current) End Target Value 1.00 1.00 1.00 0.48	Date	05-May-2011	02-Apr-2020	02-Apr-2020	07-Aug-2022					
Value Actual (Previous) Actual (Current) End Target Value 4.41 4.41 4.41 1.50 Date 05-May-2011 02-Apr-2020 02-Apr-2020 07-Aug-2020 Vehicle Operating Costs - Trailer Truck (US\$/veh-km) (Number, Custom Breakdown) Actual (Current) End Target Value 2.65 2.65 2.65 1.30 Date 05-May-2011 02-Apr-2020 02-Apr-2020 07-Aug-202 Vehicle Operating Costs - Large Truck (US\$/veh-km) (Number, Custom Breakdown) Actual (Current) End Target Value 2.05 2.05 2.05 0.95 Date 05-May-2011 02-Apr-2020 02-Apr-2020 07-Aug-202 Vehicle Operating Costs - Medium truck (US\$/veh-km) (Number, Custom Breakdown) End Target Vehicle Operating Costs - Medium truck (US\$/veh-km) (Number, Custom Breakdown) End Target Value 1.00 1.00 1.00 0.48	□Vehicle Operating Costs- Bus (US\$/veh-km) (Number, Custom Breakdown)									
Value 4.41 4.41 4.41 1.50 Date 05-May-2011 02-Apr-2020 02-Apr-2020 07-Aug-202 □Vehicle Operating Costs -Trailer Truck (US\$/veh-km) (Number, Custom Breakdown) Baseline Actual (Previous) Actual (Current) End Target Value 2.65 2.65 2.65 1.30 Date 05-May-2011 02-Apr-2020 02-Apr-2020 07-Aug-202 □Vehicle Operating Costs- Large Truck (US\$/veh-km) (Number, Custom Breakdown) Actual (Current) End Target Value 2.05 2.05 2.05 0.95 Date 05-May-2011 02-Apr-2020 02-Apr-2020 07-Aug-202 □Vehicle Operating Costs -Medium truck (US\$/veh-km) (Number, Custom Breakdown) Baseline Actual (Previous) Actual (Current) End Target Value 1.00 1.00 1.00 0.48	, ,			Actual (Current)	End Target					
Date 05-May-2011 02-Apr-2020 02-Apr-2020 07-Aug-2020 □Vehicle Operating Costs - Trailer Truck (US\$/veh-km) (Number, Custom Breakdown) Baseline Actual (Previous) Actual (Current) End Target Value 2.65 2.65 2.65 1.30 Date 05-May-2011 02-Apr-2020 02-Apr-2020 07-Aug-202 □Vehicle Operating Costs- Large Truck (US\$/veh-km) (Number, Custom Breakdown) Actual (Current) End Target Value 2.05 2.05 2.05 0.95 Date 05-May-2011 02-Apr-2020 02-Apr-2020 07-Aug-202 □Vehicle Operating Costs - Medium truck (US\$/veh-km) (Number, Custom Breakdown) Baseline Actual (Previous) Actual (Current) End Target Value 1.00 1.00 1.00 0.48	Value									
Vehicle Operating Costs -Trailer Truck (US\$/veh-km) (Number, Custom Breakdown) Baseline Actual (Previous) Actual (Current) End Target Value 2.65 2.65 2.65 1.30 Date 05-May-2011 02-Apr-2020 02-Apr-2020 07-Aug-202 □Vehicle Operating Costs- Large Truck (US\$/veh-km) (Number, Custom Breakdown) Actual (Current) End Target Value 2.05 2.05 2.05 0.95 Date 05-May-2011 02-Apr-2020 02-Apr-2020 07-Aug-202 □Vehicle Operating Costs -Medium truck (US\$/veh-km) (Number, Custom Breakdown) Baseline Actual (Previous) Actual (Current) End Target Value 1.00 1.00 1.00 0.48										
Baseline Actual (Previous) Actual (Current) End Target Value 2.65 2.65 2.65 1.30 Date 05-May-2011 02-Apr-2020 02-Apr-2020 07-Aug-202 □Vehicle Operating Costs- Large Truck (US\$/veh-km) (Number, Custom Breakdown) Actual (Current) End Target Value 2.05 2.05 2.05 0.95 Date 05-May-2011 02-Apr-2020 02-Apr-2020 07-Aug-202 □Vehicle Operating Costs -Medium truck (US\$/veh-km) (Number, Custom Breakdown) Baseline Actual (Previous) Actual (Current) End Target Value 1.00 1.00 0.48	Date	05-May-2011	02-Apr-2020	02-Apr-2020	07-Aug-2022					
Baseline Actual (Previous) Actual (Current) End Target Value 2.65 2.65 2.65 1.30 Date 05-May-2011 02-Apr-2020 02-Apr-2020 07-Aug-202 □Vehicle Operating Costs- Large Truck (US\$/veh-km) (Number, Custom Breakdown) End Target Value 2.05 2.05 2.05 0.95 Date 05-May-2011 02-Apr-2020 02-Apr-2020 07-Aug-202 □Vehicle Operating Costs -Medium truck (US\$/veh-km) (Number, Custom Breakdown) Baseline Actual (Previous) Actual (Current) End Target Value 1.00 1.00 0.48	□Vehicle Operating	Costs Trailer Truck (US\$/veh k	rm) (Number, Custom Breakdo)	wn)						
Value 2.65 2.65 2.65 1.30 Date 05-May-2011 02-Apr-2020 02-Apr-2020 07-Aug-202 □Vehicle Operating Costs- Large Truck (US\$/veh-km) (Number, Custom Breakdown) Baseline Actual (Previous) Actual (Current) End Target Value 2.05 2.05 2.05 0.95 Date 05-May-2011 02-Apr-2020 02-Apr-2020 07-Aug-202 □Vehicle Operating Costs - Medium truck (US\$/veh-km) (Number, Custom Breakdown) Baseline Actual (Previous) Actual (Current) End Target Value 1.00 1.00 1.00 0.48	- Vollicie Operating				End Target					
Date 05-May-2011 02-Apr-2020 02-Apr-2020 07-Aug-2020 0	Value		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·						
Vehicle Operating Costs- Large Truck (US\$/veh-km) (Number, Custom Breakdown) Baseline Actual (Previous) Actual (Current) End Target Value 2.05 2.05 2.05 0.95 Date 05-May-2011 02-Apr-2020 02-Apr-2020 07-Aug-202 □ Vehicle Operating Costs - Medium truck (US\$/veh-km) (Number, Custom Breakdown) Baseline Actual (Previous) Actual (Current) End Target Value 1.00 1.00 1.00 0.48	value	2.00	2.03	2.03	1.30					
Baseline Actual (Previous) Actual (Current) End Target Value 2.05 2.05 2.05 0.95 Date 05-May-2011 02-Apr-2020 02-Apr-2020 07-Aug-202 □Vehicle Operating Costs -Medium truck (US\$/veh-km) (Number, Custom Breakdown) Baseline Actual (Previous) Actual (Current) End Target Value 1.00 1.00 1.00 0.48	Date	05-May-2011	02-Apr-2020	02-Apr-2020	07-Aug-2022					
Value 2.05 2.05 2.05 0.95 Date 05-May-2011 02-Apr-2020 02-Apr-2020 07-Aug-2020 Vehicle Operating Costs - Medium truck (US\$/veh-km) (Number, Custom Breakdown) Baseline Actual (Previous) Actual (Current) End Target Value 1.00 1.00 1.00 0.48	□Vehicle Operating (Costs- Large Truck (US\$/veh-kı	m) (Number, Custom Breakdov	vn)						
Date 05-May-2011 02-Apr-2020 02-Apr-2020 07-Aug-202 Vehicle Operating Costs -Medium truck (US\$/veh-km) (Number, Custom Breakdown) Baseline Actual (Previous) Actual (Current) End Target Value 1.00 1.00 0.48		Baseline	Actual (Previous)	Actual (Current)	End Target					
□Vehicle Operating Costs -Medium truck (US\$/veh-km) (Number, Custom Breakdown) Baseline Actual (Previous) Actual (Current) End Target Value 1.00 1.00 1.00 0.48	Value	2.05	2.05	2.05	0.95					
Baseline Actual (Previous) Actual (Current) End Target Value 1.00 1.00 1.00 0.48	Date	05-May-2011	02-Apr-2020	02-Apr-2020	07-Aug-2022					
Value 1.00 1.00 1.00 0.48	□Vehicle Operating (Costs -Medium truck (US\$/veh-	km) (Number, Custom Breakdo	own)						
		Baseline	Actual (Previous)	Actual (Current)	End Target					
Date 05 May 2011 02 Apr 2020 02 Apr 2020 07 Aug 202	Value	1.00	1.00	1.00	0.48					
Date 03-191ay-2011 02-Apt-2020 02-Apt-2020 07-Aug-202	Date	05-May-2011	02-Apr-2020	02-Apr-2020	07-Aug-2022					

Improve the safety, sec	curity and operational reliability of	the Rurrenabaque Airport.						
▶ Increase the number of inbound and outbound flights actually operated at the Rurrenabaque Airport as per the published schedule, in percentage of the total scheduled flights (Percentage, Custom)								
	Baseline	Actual (Previous)	Actual (Current)	End Target				
Value	65.00	65.00	65.00	90.00				
Date	05-May-2011	02-Apr-2020	02-Apr-2020	07-Aug-2022				
Comments:		Works are still underway. Meaningful results will be reported once works are completed, and also once modernization equipment is installed.						

Overall Comments

The results framework will be modified through the upcoming project restructuring to reflect the limitation in the scope of the works of the road component (from road upgrading to construction of 22 bridges) and cancellation of the nonactive Component 3.

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Intermediate Results Indicators by Components

	ed (Kilometers, Corporate)			
	Baseline	Actual (Previous)	Actual (Current)	End Target
/alue	0.00	6.00	6.00	113.60
Date	05-May-2011	02-Apr-2020	02-Apr-2020	07-Aug-2022
□Roads rehabilita	ted - rural (Kilometers, Corporate S	Supplement)		
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	6.00	6.00	113.60
► Average cruise sr	peed for different kind of vehicles (N	Jumber Custom)		
Average cruise of	Baseline	Actual (Previous)	Actual (Current)	End Target
/alue	0.00	0.00	0.00	0.00
	05-May-2011	02-Apr-2020	02-Apr-2020	07-Aug-2022
Date				
Date		<u>'</u>	<u> </u>	
	ustom Breakdown)	·	·	
		Actual (Previous)	Actual (Current)	End Target
	ustom Breakdown)	· · · · · · · · · · · · · · · · · · ·	Actual (Current) 35.00	End Target 85.00
□Car (Number, C	ustom Breakdown) Baseline	Actual (Previous)		
□Car (Number, Co	ustom Breakdown) Baseline 35.00 05-May-2011	Actual (Previous) 35.00	35.00	85.00
□Car (Number, Co	ustom Breakdown) Baseline 35.00 05-May-2011 er, Custom Breakdown)	Actual (Previous) 35.00 02-Apr-2020	35.00 02-Apr-2020	85.00 07-Aug-2022
□Car (Number, Co	ustom Breakdown) Baseline 35.00 05-May-2011	Actual (Previous) 35.00	35.00	85.00
Car (Number, Co	ustom Breakdown) Baseline 35.00 05-May-2011 er, Custom Breakdown) Baseline	Actual (Previous) 35.00 02-Apr-2020 Actual (Previous)	35.00 02-Apr-2020 Actual (Current)	85.00 07-Aug-2022 End Target
Car (Number, Co	ustom Breakdown) Baseline 35.00 05-May-2011 er, Custom Breakdown) Baseline 35.00	Actual (Previous) 35.00 02-Apr-2020 Actual (Previous) 35.00	35.00 02-Apr-2020 Actual (Current) 35.00	85.00 07-Aug-2022 End Target 85.00
□Car (Number, Car (Number, Car (Number, Car (Number)) □Date □Pick-Up (Number) Value Date	Baseline 35.00 05-May-2011 er, Custom Breakdown) Baseline 35.00 05-May-2011 ustom Breakdown)	Actual (Previous) 35.00 02-Apr-2020 Actual (Previous) 35.00 02-Apr-2020	35.00 02-Apr-2020 Actual (Current) 35.00 02-Apr-2020	85.00 07-Aug-2022 End Target 85.00 07-Aug-2022
Car (Number, Co	Baseline 35.00 05-May-2011 er, Custom Breakdown) Baseline 35.00 05-May-2011	Actual (Previous) 35.00 02-Apr-2020 Actual (Previous) 35.00	35.00 02-Apr-2020 Actual (Current) 35.00	85.00 07-Aug-2022 End Target 85.00

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	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	20.00	20.00	20.00	70.00
Date	05-May-2011	02-Apr-2020	02-Apr-2020	07-Aug-2022
□Large Truck (Num	ber, Custom Breakdown)			
	Baseline	Actual (Previous)	Actual (Current)	End Target
√alue	20.00	20.00	20.00	70.00
Date	05-May-2011	02-Apr-2020	02-Apr-2020	07-Aug-2022
□Medium Truck (Nu	umber, Custom Breakdown)			
	Baseline	Actual (Previous)	Actual (Current)	End Target
/alue	20.00	20.00	20.00	70.00
Date	05-May-2011	02-Apr-2020	02-Apr-2020	01-Aug-2018

Improving the Rurrenabaque Airport

▶ Passenger terminal, control tower, taxiway and apron completed (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Does not exist	Works ongoing	Works ongoing	Completed
Date	05-May-2011	02-Apr-2020	02-Apr-2020	07-Aug-2022
Comments:	Terminal building under c construction facilities.	onstruction together with fire	truck building, apron and t	axiway, and other related

Institutional Strenghtening of ABC and AASANA, and other relevant entities

▶ ABC has and operates under a unique and reliable source of information (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Several, not harmonized	Underway	Underway	A reliable, harmonized system of information in operation
Date	05-May-2011	02-Apr-2020	02-Apr-2020	07-Oct-2018

Performance-Based Conditions

Data on Financial Performance

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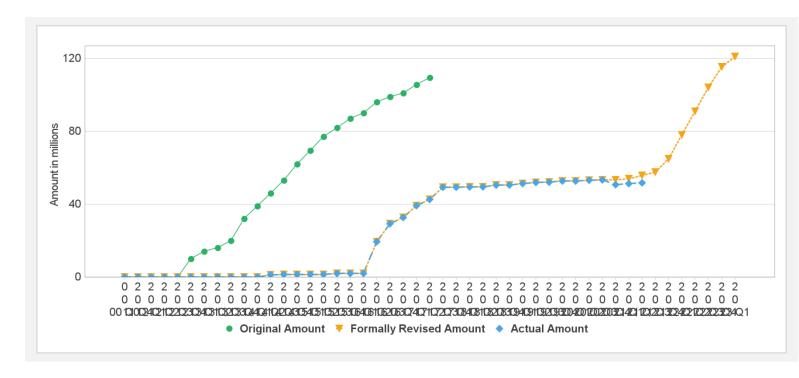
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P122007	IDA-49230	Effective	USD	109.50	104.01	5.49	51.62	40.77	56%

Key Dates (by Ioan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P122007	IDA-49230	Effective	05-May-2011	17-May-2011	10-Apr-2012	31-Dec-2016	07-Aug-2022

Cumulative Disbursements



PBC Disbursement

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

Restructuring History

Level Approved on 28-Dec-2016 ,Level 2 Approved on 25-Jul-2018 ,Level 2 Approved on 02-Oct-2018 ,Level 2 Approved on 12-Nov-2019

Related Project(s)

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P171396-Additional Financing National Roads and Airport Infrastructure Project

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