

Implementation Status & Results
Guyana
Conservancy Adaptation Project (P103539)

Operation Name: Conservancy Adaptation Project (P103539)	Project Stage: Implementation	Seq.No: 11	Status: ARCHIVED	Archive Date: 21-May-2013
Country: Guyana	Approval FY: 2008			
Product Line: Global Environment Project	Region: LATIN AMERICA AND CARIBBEAN	Lending Instrument: Specific Investment Loan		
Implementing Agency(ies):				

Key Dates

Board Approval Date	11-Oct-2007	Original Closing Date	30-Jun-2011	Planned Mid Term Review Date	Last Archived ISR Date	14-Nov-2012
Effectiveness Date	28-Jan-2008	Revised Closing Date	30-Aug-2013	Actual Mid Term Review Date	21-Jun-2011	

Global Environmental Objectives

Global Environmental Objective (from Project Appraisal Document)

The objective of the CAP is to reduce the vulnerability of catastrophic flooding in Guyana's low-lying coastal area that is currently threatened by sea level rise resulting from global climate change.

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

Yes No

Component(s)

Component Name	Component Cost
1. Pre-investment studies for Engineering Design of Works	2.70
2. Investments in Specific Adaptation Measures	0.86
3. Institutional Strengthening and Project Management	0.20

Overall Ratings

	Previous Rating	Current Rating
Progress towards achievement of GEO	Moderately Satisfactory	Satisfactory
Overall Implementation Progress (IP)	Satisfactory	Satisfactory
Overall Risk Rating		

Implementation Status Overview

The project's closing has been extended from March 31, 2013 to August 30, 2013 through a formal Level II restructuring approved by the Vice-President. This extension would allow the completion of Component 1 - Pre-Investment Studies for Engineering Design of Works, the completion of quality assurance of the results of the studies, and the finalization of the Emergency Preparedness Plan. The Project has been disbursing well, with disbursements at 71% as of April 3, 2013. Results of the hydrologic model have been presented and undergoing quality control and a preliminary set of investments have been identified and are under discussion.

Locations

Country	First Administrative Division	Location	Planned	Actual
Guyana	Demerara-Mahaica Region	Non Pareil		
Guyana	Demerara-Mahaica Region	Mahaica River		
Guyana	Mahaica-Berbice Region	Mahaica-Berbice Region		
Guyana	Demerara-Mahaica Region	Maduni River		
Guyana	Demerara-Mahaica Region	Lama River		
Guyana	Essequibo Islands-West Demerara Region	Essequibo Islands-West Demerara Region		
Guyana	Demerara-Mahaica Region	East Demerara Water Conservancy		
Guyana	Not Entered	Demerara River		
Guyana	Demerara-Mahaica Region	Demerara-Mahaica Region		
Guyana	Not Entered	Timehri Airport		

Results

Global Environmental Objective Indicators

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Hydraulic engineering foundation, critical for flood control management, developed	<input type="checkbox"/>	Text	Value	Models and training not completed.	Hydraulic model has been produced and is under calibration.	Hydraulic model calibrated
			Date		01-Nov-2012	31-Mar-2013
			Comments			
Identification of at least 10 key drainage interventions for follow-on action	<input type="checkbox"/>	Text	Value	Model not completed and works not identified.	10 investments have been identified. Need to be confirmed and engineering studies completed.	10 key drainage interventions identified and pre-engineering studies completed
			Date		01-Nov-2012	31-Mar-2013
			Comments			

Intermediate Results Indicators

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Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Study findings and priorities work presented by MOA to Donors	<input type="checkbox"/>	Text	Value	No donor meeting held		Donor meeting held
			Date		01-Nov-2012	31-Mar-2013
			Comments			
Light detection and ranging (LIDAR) data capture of Coastal Lowlands for Region 3 and 4 completed	<input type="checkbox"/>	Text	Value	LIDAR not completed		DEM Created for Region 3 and 4
			Date		01-Nov-2012	31-Mar-2013
			Comments			
1D-2D model developed to identify key drainage regimes and map key interventions to be made within conservancy to improve water flow to the Demerara River	<input type="checkbox"/>	Text	Value	ID-2D not developed		Model Calibrated
			Date		01-Nov-2012	31-Mar-2013
			Comments			
Measurements taken and dam safety analysis completed to highlight areas in critical need of repair	<input type="checkbox"/>	Text	Value	Measurements and safety analysis not completed	Dam safety study is completed in draft and identified those in need of repair.	Dam safety study complete, sections in need of repair included in report
			Date		11-Aug-2011	31-Mar-2013
			Comments			
Leveling and Bathymetry completed	<input type="checkbox"/>	Text	Value	Measurements not taken		EDWC reservoir bathymetry completed-
			Date		11-Aug-2011	31-Mar-2013
			Comments			
Number of key staff trained in use of Digital Elevation Models, and Flow Models, Monitoring Equipment	<input type="checkbox"/>	Number	Value	0.00	0.00	30.00
			Date		11-Aug-2011	31-Mar-2013
			Comments			10 GoG engineers fully trained in use of flow models and engineering equipment
Contingency Plan developed	<input type="checkbox"/>	Text	Value	No Contingency Plan developed		Contingency Plan updated
			Date		11-Aug-2011	31-Mar-2013
			Comments			
Repairs identified at appraisal executed by end of project	<input type="checkbox"/>	Percentage	Value	0.00	100.00	100.00
			Date		11-Aug-2011	31-Mar-2013
			Comments			

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Implementation secretariat formed and operational	<input type="checkbox"/>	Text	Value	Implementation Secretariat established and operational	
			Date		31-Mar-2013
			Comments		
Kilometer of key canal widened in compliance with national and project priorities	<input type="checkbox"/>	Text	Value		Cunha canal project to be pursued as a separate project and may be replaced by another more impactful investment
			Date	01-Nov-2012	31-Mar-2013
			Comments		
Discharge capacity increased of key relief canal from EDWC to Demerara river	<input type="checkbox"/>	Text	Value		Cunha canal project to be pursued as a separate project and may be replaced by another more impactful investment.
			Date		31-Mar-2013
			Comments		
Key equipment purchased	<input type="checkbox"/>	Text	Value		Equipment purchased.
			Date	01-Nov-2012	31-Mar-2013
			Comments		

Data on Financial Performance (as of 13-Apr-2013)

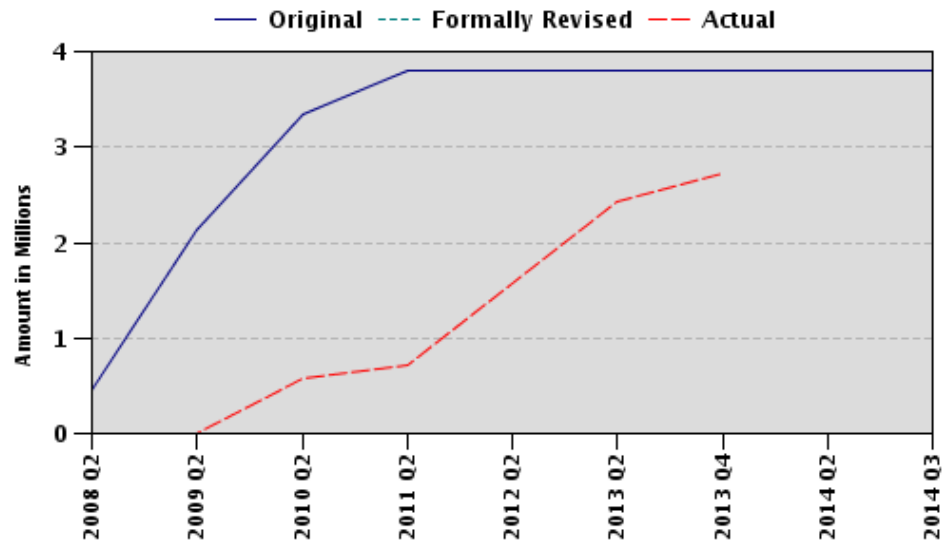
Financial Agreement(s) Key Dates

Project	Ln/Cr/Tf	Status	Approval Date	Signing Date	Effectiveness Date	Original Closing Date	Revised Closing Date
P103539	TF-91692	Effective	30-Oct-2007	30-Oct-2007	28-Jan-2008	30-Jun-2011	30-Aug-2013

Disbursements (in Millions)

Project	Ln/Cr/Tf	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P103539	TF-91692	Effective	USD	3.80	3.80	0.00	2.72	1.08	71.00

Disbursement Graph



Key Decisions Regarding Implementation

The co-financing for Cunha Canal rehabilitation is being considered for funding through the Guyana REDD+ Investment Fund (GRIF) as an independent but complementary project.

Restructuring History

Level two Approved on 04-Apr-2011, Level two Approved on 22-Mar-2013

Related Projects

There are no related projects.