

**Implementation Status & Results
Guyana
Conservancy Adaptation Project (P103539)**

Operation Name: Conservancy Adaptation Project (P103539)	Project Stage: Implementation	Seq.No: 10	Status: ARCHIVED	Archive Date: 14-Nov-2012
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	23-Apr-2012
Effectiveness Date	28-Jan-2008	Revised Closing Date	31-Mar-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	Moderately Satisfactory
Overall Implementation Progress (IP)	Satisfactory	Satisfactory
Overall Risk Rating	NA	

Implementation Status Overview

The Project has been disbursing well, with disbursements at 60% as of November 1, 2012. Progress under the grant's main contract has been advancing on schedule. With the closing of the Grant in March 2013, the results are now being realized and disseminated through workshops in country.

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	Value	Baseline	Current	End Target
Hydraulic engineering foundation, critical for flood control management, analyzed and understood by GoG.	<input type="checkbox"/>	Text	Value	Models and training not completed.	Draft hydraulic model completed.	Hydraulic model calibrated
			Date		01-Nov-2012	31-Mar-2013
			Comments			
Identification of activities for follow-on intervention using the hydraulic model.	<input type="checkbox"/>	Text	Value	Model not completed and works not identified.	Under preparation.	10 key drainage interventions identified and pre-engineering studies completed
			Date		01-Nov-2012	31-Mar-2013
			Comments			

Intermediate Results Indicators

Indicator Name	Core	Unit of Measure	Value	Baseline	Current	End Target
Donor meeting held with representatives from at least 5 different donors in attendance	<input type="checkbox"/>	Text	Value	No donor meeting held	Several donor meetings undertaken.	Donor meeting held
			Date		01-Nov-2012	31-Mar-2013
			Comments			

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Light detection and ranging (LIDAR) data capture of Coastal Lowlands for Region 3,4 and 5 completed, for input into 3D Digital Elevation Model (DEM)	<input type="checkbox"/>	Text	Value	LIDAR not completed	Data capture completed and DEM under preparation.	DEM Created for Region 3 and 4
			Date		01-Nov-2012	31-Mar-2013
			Comments			
1D-2D model developed to identify key interventions to be made within Conservancy to improve water flow to the Demarara River	<input type="checkbox"/>	Text	Value	ID-2D not developed	Draft model 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 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 DEM, Flow Models, and 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 with clear lines of responsibility is developed and operational	<input type="checkbox"/>	Text	Value	No Contingency Plan developed		Contingency Plan updated
			Date		11-Aug-2011	31-Mar-2013
			Comments			
100% of repairs identified at appraisal executed	<input type="checkbox"/>	Percentage	Value	0.00	100.00	100.00
			Date		11-Aug-2011	31-Mar-2013
			Comments			
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.	TBD
			Date		01-Nov-2012	31-Mar-2013
			Comments			

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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.	Increase of 30% of discharge capacity
			Date			31-Mar-2013
			Comments			
Key equipment purchased	<input type="checkbox"/>	Text	Value		Equipment purchased.	Key equipment purchased
			Date		01-Nov-2012	31-Mar-2013
			Comments			

Data on Financial Performance (as of 07-Sep-2012)

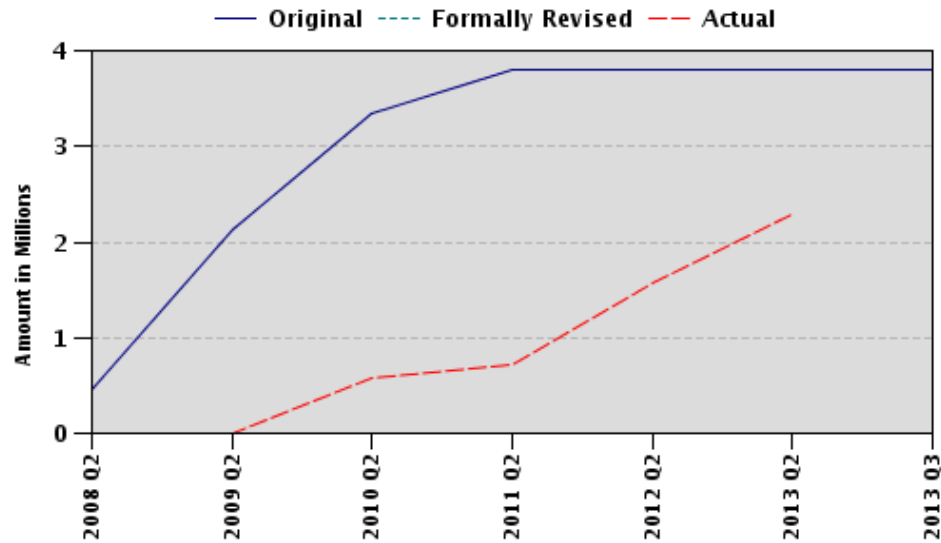
Financial Agreement(s) Key Dates

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	31-Mar-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	2.28	1.52	60.00

Disbursement Graph



Key Decisions Regarding Implementation

The co-financing for Cunha Canal rehabilitation is being prepared through the GRIF as an independent but complementary project.

Restructuring History

Level two Approved on 04-Apr-2011

Related Projects

There are no related projects.