



BZ Marine Conservation and Climate Adaptation (P131408)

LATIN AMERICA AND CARIBBEAN | Belize | Environment & Natural Resources Global Practice |
Recipient Executed Activities | Investment Project Financing | FY 2015 | Seq No: 9 | ARCHIVED on 08-Jun-2019 | ISR36742 |

Implementing Agencies: Protected Areas Conservation Trust (PACT), Ministry of Agriculture, Fisheries, Forestry, the Environment and Sustainable Development, Belize

Key Dates

Key Project Dates

Bank Approval Date: 03-Mar-2015

Effectiveness Date: 15-Jul-2015

Planned Mid Term Review Date: 05-Feb-2018

Actual Mid-Term Review Date: 03-Apr-2018

Original Closing Date: 31-Mar-2020

Revised Closing Date: 31-Mar-2020

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The objective of the proposed Project is to implement priority ecosystem-based marine conservation and climate adaptation measures to strengthen the climate resilience of the Belize Barrier Reef System.

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

No

Components

Name

Component 1.

Improving the Protection Regime of Marine and Coastal Ecosystems:(Cost \$2.50 M)

Component 2.

Promotion of Viable Alternative Livelihoods:(Cost \$2.10 M)

Component 3.

Raising Awareness and Building Local Capacity:(Cost \$0.62 M)

Component 4. Project Management, Monitoring and Assessment:(Cost \$0.31 M)

Overall Ratings

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

Implementation Status and Key Decisions



Overall Implementation Progress: The MCCAP continues to move in the right direction and show positive results. There is strong country ownership of the project and effective oversight in place for the project activities. The Project Implementing Agency Group (PIAG), the Technical Advisory Committee (TAC) and Project Steering Committee (PSC) have been instrumental in moving project implementation forward. The Project has disbursed 64% of its total funds (\$5.53 million), which represents a significant increase from 45% at the time of mid-term review (MTR) which took place in April 2018. A summary of implementation progress and an assessment of project performance under each of the components are as follows:

COMPONENT 1: IMPROVING THE PROTECTION REGIME OF MARINE AND COASTAL ECOSYSTEMS (US\$2.5 Million)

The activities under this component are progressing well and showing visible results. The project has delivered and exceeded the outcome indicators of expanding and securing MPAs from 13% to 20.2% of territorial waters (405,512.67 hectares), and marine replenishment (no-take zones) from approximately 2% to 3.1% (58,699.38 hectares). The project has also delivered on the mangrove regulations which have subsequently passed into legislation, draft revision of the Coastal Zone Management (CZM) Act and Regulations, while the activity related to development of National Fisheries Policy, Strategy and Action Plan is ongoing. The procurement process for State of the Coast Report 2019 is ongoing and expected to be finalized shortly. Activities supported by the CZMAI, including Water Quality Monitoring, Coastal Planning, coastal planning and coastal and marine data center are all on track and expected to be finalized by end of the Project. Biological assessments have been conducted for the Spiny Lobster and for the Queen Conch which will provide recommendations (i.e. allocation of quota) for the managed access zones. The target indicator for repopulation of coral reefs in replenishments zones has been achieved, with 6 coral sites restored in each SWCMR and TAMR.

COMPONENT 2: PROMOTION OF VIABLE ALTERNATIVE LIVELIHOODS (US\$2.1 Million)

The activities under this component has faced some initial implementation delays. However, there has been significant progress made since the time of the mid-term review with ten projects developed and two under development. Considering scaling down of the targeted number of sub-projects from twenty to ten, which was approved as part of the recent Project restructuring, the Project is expected to meet its targets. However, it will be important the accelerated implementation of the planned activities for each sub-project, including by completing pending procurement processes for sub-projects under implementation, meeting necessary social and environmental safeguards requirements for all sub-projects, and finalizing the concepts for the two sub-projects that are currently under development. Complementary to the sub-projects, skills training has been successfully delivered to the targeted communities in several areas, including food preparation, cosmetology, electrical and computer repairs, among others.

COMPONENT 3: RAISING AWARENESS AND BUILDING LOCAL CAPACITY (US\$0.62 Million)

Component is progressing well and is on track to achieve its outcome indicator. MCCAP has been instrumental in raising awareness about climate change among the fishers and communities and building capacity in ways that can change behavior. A communication campaign has been implemented successfully in the twelve communities with several promotional items developed and distributed. Also, one of the important achievements of the Project is the integration of climate change in secondary schools' curriculum which has been fully endorsed by the Ministry of Education. A final Knowledge, Attitude and Practice survey (KAP) will be conducted in the coming months. In addition, several education and outreach activities including trainings and knowledge exchange were delivered to various stakeholders, such as government officials, communities, youth, women, etc.

COMPONENT 4: PROJECT MANAGEMENT, MONITORING, AND ASSESSMENT (US\$0.31 Million)

The MCCAP PIAG consisting of the Project Manager, Senior Technical Officer and Administrative Assistant is in place and performing well. The project Procurement Officer stationed at PACT (the National Implementing Entity - NIE) and fiduciary manager were available to provide fiduciary services from the onset. MCCAP Monitoring & Evaluation (M&E) has foundation in the Project Results Framework which has been operational and facilitating timely tracking of results and progress towards projects objectives. However, even though the Project reporting has been solid this component has faced some challenges related to M&E, which has been resolved in recently approved Project Restructuring, including revisions of the Results Framework to include appropriate and measurable results indicators that reflect intended project outcomes and impacts.

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	--	● Moderate	● Moderate
Institutional Capacity for Implementation and Sustainability	--	● Moderate	● Moderate
Fiduciary	--	● Moderate	● Moderate



Environment and Social	--	● Moderate	● Moderate
Stakeholders	--	● Moderate	● Moderate
Other	--	● Moderate	● Moderate
Overall	--	● Moderate	● Moderate

Results

PDO Indicators by Objectives / Outcomes

Improvement of the coral reef protection regime				
▶ Marine areas brought under biodiversity protection (ha) (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	248,810.00	405,512.00	405,512.00	386,612.00
Date	10-Nov-2014	20-Nov-2018	14-May-2019	31-Jan-2020
Comments:	The project has delivered and exceeded the Outcome Indicators of expanding and securing MPAs from 13% to 20.2% of territorial waters (405,512.67 hectares), and marine replenishment (no-take zones) from approximately 2% to 3.1% (58,699.38 hectares).			
▲ Replenishment Zones (no take) brought under biodiversity protection (Hectare(Ha), Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	38,278.00	58,699.00	58,699.38	59,331.00
▶ Coastal region brought under improved regulation (measured by mangrove coverage) in 3 planning regions (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	20,191.00	386.00	19,970.00	18,900.00
Date	10-Nov-2014	20-Nov-2018	14-May-2019	31-Jan-2020
Comments:	As part of the project restructuring, changes were made to reflect the updated monitoring data for the 3 regions (not the entire coast). The agreed three regions for monitoring are Caye Caulker, Belize Central, and South Northern Belize. The target was changed to 18,900 ha brought under improved regulation or 95% of mangrove coverage maintained.			

Promotion of sustainable alternative livelihoods and income diversification				
▶ Direct project beneficiaries (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	274.00	674.00	1,500.00
Date	10-Nov-2014	20-Nov-2018	14-May-2019	31-Jan-2020



Comments:	As part of the project restructuring, the end target (from 2,500 to 1,500) is to reflect the reality based on updated monitoring data. There are 1,231 fishers living in the MCCAP targeted communities who fish at SWCMR, CBWS, and TAMR. This totals an estimated 6,438 people in these households. Based on the number of alternative livelihoods subprojects and total number of fishers, the direct project beneficiaries was revised to 1,500 (includes beneficiaries of fishing households who are receiving skills training, and fishers).			
▲Female beneficiaries (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	55.00	45.00	30.00

Building local capacity and raising awareness about the health of the reef to climate resilience				
▶Change of knowledge and/or behavior of targeted beneficiaries (%) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	17.00	17.00	17.00	50.00
Date	10-Nov-2014	20-Nov-2018	14-May-2019	31-Jan-2020
Comments:	Level of knowledge and behavior was measured at the beginning of the project, and will be measured at the end of project (KAP survey). The original target was 75%. Based on the baseline data collected during the KAP survey 2016, it showed the following results: Level of positive behavior towards climate change; Low- 54%; medium 30%, high 17%. Based on these results, and as part of the project restructuring, a more realistic target was proposed (50%).			

Intermediate Results Indicators by Components

Component 1. Improving the Protection Regime of Marine and Coastal Ecosystems				
▶1.1 (a) The target MPA (TAMR) are effectively managed as recorded by the Management Effectiveness Tracking Tool (METT) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.69	0.69	0.69	0.80
Date	10-Nov-2014	20-Nov-2018	14-May-2019	31-Jan-2020
Comments:	In terms of MPA Management Effectiveness, there were uncertainties related to the methodology, source, reliability and confidence of the baseline measurements listed in the project's Results Framework. As part of the project restructuring, a baseline and target of TAMR was changed o reflect new methodology which is based on on Manual for the Rapid Evaluation of Management Effectiveness in MPA's of Meso-America, Dec 2004.			
▲1.1 (b) The target MPA (CBWS) are effectively managed as recorded by the Management Effectiveness Tracking Tool (METT) (Number, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.65	0.65	0.65	0.80



▶1.1 (c) The target MPA (SWCMR) are effectively managed as recorded by the Management Effectiveness Tracking Tool (METT) (Number, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.62	0.62	0.62	0.80
▶1.2 At least 3 restored coral sites, with resilient varieties grown in coral nurseries, within TAMR and SWCMR (with each site measuring 300 m2); (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	4.00	6.00	6.00
Date	10-Nov-2014	20-Nov-2018	14-May-2019	31-Jan-2020
Comments:	The target indicator for repopulation of coral reefs in replenishments zones has been achieved, with 6 coral sites restored in each SWCMR and TAMR.			
▶1.3 Baseline for the monitoring of adherence to ICZM Plan guidelines established in 3 regions (northern, central and southern Belize) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	1.00	3.00
Date	10-Nov-2014	20-Nov-2018	14-May-2019	31-Jan-2020
Comments:	No baseline data exists to assess coastal development adhering to the development guidelines set by the ICZM plan. Because of the limited time for project implementation, and as part of the project restructuring, the target was revised to include baseline data collection in 3 of the 9 coastal planning regions in Belize by the end of the project.			

Component 2. Promotion of Viable Alternative Livelihoods				
▶2.1 Alternative livelihoods Sub-projects developed (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3.00	10.00	10.00
Date	10-Nov-2014	20-Nov-2018	14-May-2019	31-Jan-2020
Comments:	As part of the project restructuring, the end target was changed from 20 to 10 subprojects based on the recommendations of the mid-term evaluation. A total of 10 sub-project business plans were developed.			
▶2.2 (a) Persons participating in training based on training needs assessment and % of trainees are women; (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	274.00	674.00	500.00
Date	10-Nov-2014	20-Nov-2018	14-May-2019	31-Jan-2020
Comments:	As part of the project restructuring, the end target was changed (from 2000 to 500 people) to reflect the reality based on the updated monitoring assessment. The target includes training obtained through subprojects and skills training.			



4.2.2 (b) % of trainees are women (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	58.00	45.00	30.00

Component 3. Raising Awareness and Building Local Capacity				
▶3.1 Behavior change communication (BCC) campaigns conducted at all the target fishing communities (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3.00	12.00	12.00
Date	10-Nov-2014	20-Nov-2018	14-May-2019	31-Jan-2020
Comments:	Communication campaign is under implementation and is progressing well. Campaign activities have reached 8 communities and is expected to reach the other communities in the second phase of the project.			

Data on Financial Performance

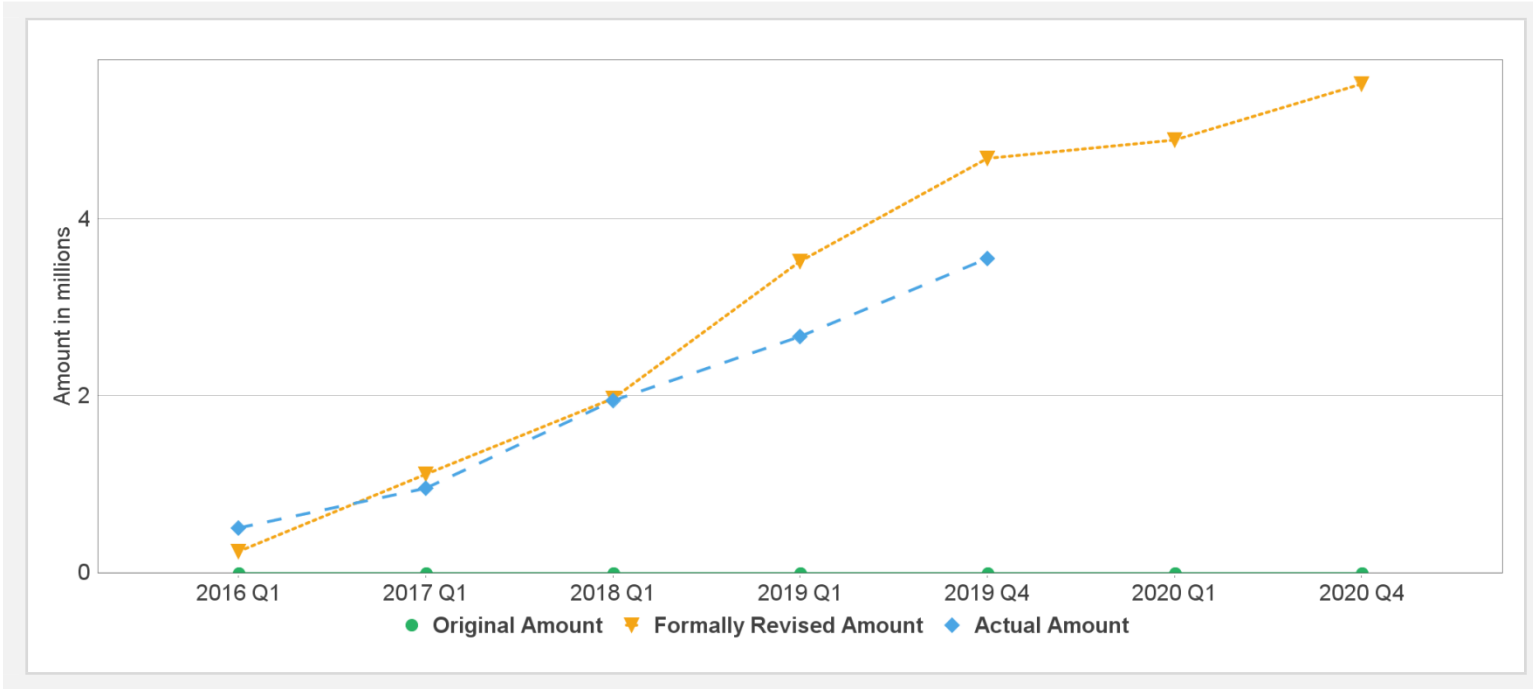
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P131408	TF-18449	Effective	USD	5.53	5.53	0.00	3.55	1.98	64%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P131408	TF-18449	Effective	03-Mar-2015	03-Jun-2015	15-Jul-2015	31-Mar-2020	31-Mar-2020

Cumulative Disbursements



Restructuring History

Level 2 Approved on 06-May-2019

Related Project(s)

There are no related projects.