



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: 2 | ARCHIVED on 29-Dec-2015 | ISR22317 |

Implementing Agencies: BZ PROTECTED AREAS -PACT, Ministry of Forestry, Fisheries and Sustainable Development

Key Dates

Key Project Dates

Bank Approval Date:03-Mar-2015

Effectiveness Date:15-Jul-2015

Planned Mid Term Review Date:25-Sep-2017

Actual Mid-Term Review Date:--

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 \$2.00 M)

Component 2. Promotion of Viable Alternative Livelihoods:(Cost \$2.45 M)

Component 3. Raising Awareness and Building Local Capacity:(Cost \$0.56 M)

Component 4. Project Management, Monitoring and Assessment:(Cost \$0.52 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

Progress and highlights of project implementation of the last 6 months are given below:

--Component 1: Five Terms of References (TORs) were prepared for the activities aiming to improve the Protection Regime of Marine and Coastal Ecosystems (Component 1). A first meeting with stakeholders was conducted to review (i) the status of the Mangrove Regulations, and (ii) the draft Mangrove Regulations. In addition, a first meeting with reserve managers and key stakeholders was held to discuss MPA expansion and Replenishment Zone. Subsequent meetings were conducted in the northern communities (Corozal, Sarteneja, Copper Bank, and Chunox) and Belize City to discuss MPA expansion and replenishment zones for CBWS, TAMR, and SWCMR. An aerial survey of seascape and landscape for Ambergris Caye, Central and Caye Caulker was conducted. The purpose of the aerial inventory was to establish a spatial and temporal baseline for human use of coastal and marine resources in tandem with the implementation of the Belize Integrated Coastal Zone Management (ICZM) Plan. The MCCAP Project will equip CZMAI with tools that will assist in compilation and analysis to track health of the coastal systems and the strengthening of coastal outreach. The inventory will serve as an important tool for monitoring and assessing compliance with the ICZM Plan, and establishing a baseline aerial survey of seascape and landscape database for Ambergris Caye, Central and Caye Caulker.

--Component 2: Several community consultation meetings took place to introduce MCCAP and discuss viable alternative livelihood activities. With the assistance of the Fisheries Department, the PIU held 22 project consultation meetings with the following communities: Corozal, Sarteneja, Chunnox, Belize City, Dangriga Town, Hopkins, Riversdale, Seine Bight and Placencia. The PIU also organized two meetings with the Agriculture Department to develop agriculture-based alternative livelihood projects. The first was a tour with fishers at the Agriculture Department Central Farm establishment where fishers and extension officers viewed and discussed agriculture activities (tilapia farming, chicken rearing, pig rearing, vegetable/backyard farming), as possible alternative livelihood options. The tour included 30 people: 15 fishermen (from Belize City, Sarteneja, Chunox, Copper Bank, Hopkins, and Dangriga); 11 Agriculture Extension/Research Officers (from Cayo, Stann Creek, and Corozal), 2 PACT, and 1 MCCAP. The second meeting was with senior management of the Agriculture Department to discuss collaboration between MCCAP and the Department. The Agriculture Department: (a) agreed to support MCCAP, in-particularly the 12 targeted coastal communities by scoping these communities to identify potentially sustainable alternative livelihood activities which could be introduced to communities; and (b) identified Extension Officers that will work with coastal communities to develop agriculture-based alternative livelihood options. Further exploring collaboration, an initial meeting was also held with the Ministry of Tourism to discuss possible synergies to develop community tourism-based alternative livelihood projects.

--Component 3: On the 31st August, Belize Environmental Technology (BET) was contracted to conduct the Knowledge, Attitude, and Behavioural Practice (KAP) survey, as part of the Raising Awareness and Building Local Capacity component. Coordinated by the PIU, BET engaged with key stakeholder agencies working in the target communities and/or having an interest in the MCCAP KAP-Survey. The scope, objectives, methodology and implementation approach of the Survey were shared with stakeholders. Stakeholders were also invited to share their respective experiences (challenges, opportunities, lessons learned, recommendations) working in the target communities and to share with BET copies of relevant literature on the target communities as it related to their socio-economic context and/or previously conducted KAP surveys. Participating agencies included: Belize Audubon Society (BAS), Sarteneja Alliance for Community Development (SACD), Fisheries Department and Belize Red Cross (BRC). An inception report and the Survey Instrument along with a validation workshop on November 27 (outlines the instrument protocol, survey instrument indicator framework, policy actors survey instrument, and household/fisherman survey instrument) were delivered.



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
Overall	--	● Moderate	● Moderate

Results

Project Development Objective Indicators

► Marine areas brought under biodiversity protection (ha) (Hectare(Ha), Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	248810.00	248810.00	248810.00	386612.00
Date	10-Nov-2014	09-Jun-2015	22-Dec-2015	31-Jan-2020



▾ Replenishment Zones (no take) brought under biodiversity protection (Hectare(Ha), Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	38278.00	38278.00	38278.00	59331.00

▸ Coastline and freshwater under biodiversity protection (km) (Kilometers, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	386.00
Date	10-Nov-2014	09-Jun-2015	22-Dec-2015	31-Jan-2020

▸ Direct project beneficiaries (Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2500.00
Date	10-Nov-2014	09-Jun-2015	22-Dec-2015	31-Jan-2020

▾ Female beneficiaries (Percentage, Core Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	30.00

▸ Change of attitude and/or behavior of targeted beneficiaries (%) (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	75.00



Date	10-Nov-2014	09-Jun-2015	22-Dec-2015	31-Jan-2020
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Overall Comments

Intermediate Results Indicators

▶ 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	0.00	0.00	0.00	3.50
Date	10-Nov-2014	09-Jun-2015	22-Dec-2015	31-Jan-2020

▲ 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	2.16	2.16	2.16	3.50

▲ 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	2.65	2.65	2.65	3.50



► 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	--	--	6.00
Date	10-Nov-2014	--	--	31-Jan-2020

► 1.3 Coastal developments adhering to the development guidelines set by the ICZM Plan (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	75.00
Date	10-Nov-2014	--	22-Dec-2015	31-Jan-2020

► 2.1 Alternative livelihoods Sub-projects developed (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	20.00
Date	10-Nov-2014	--	22-Dec-2015	31-Jan-2020

► 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	--	0.00	2000.00
Date	10-Nov-2014	--	22-Dec-2015	31-Jan-2020



2.2 (b) % of trainees are women (Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	30.00

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	--	0.00	12.00
Date	10-Nov-2014	--	22-Dec-2015	31-Jan-2020

Overall Comments

Data on Financial Performance

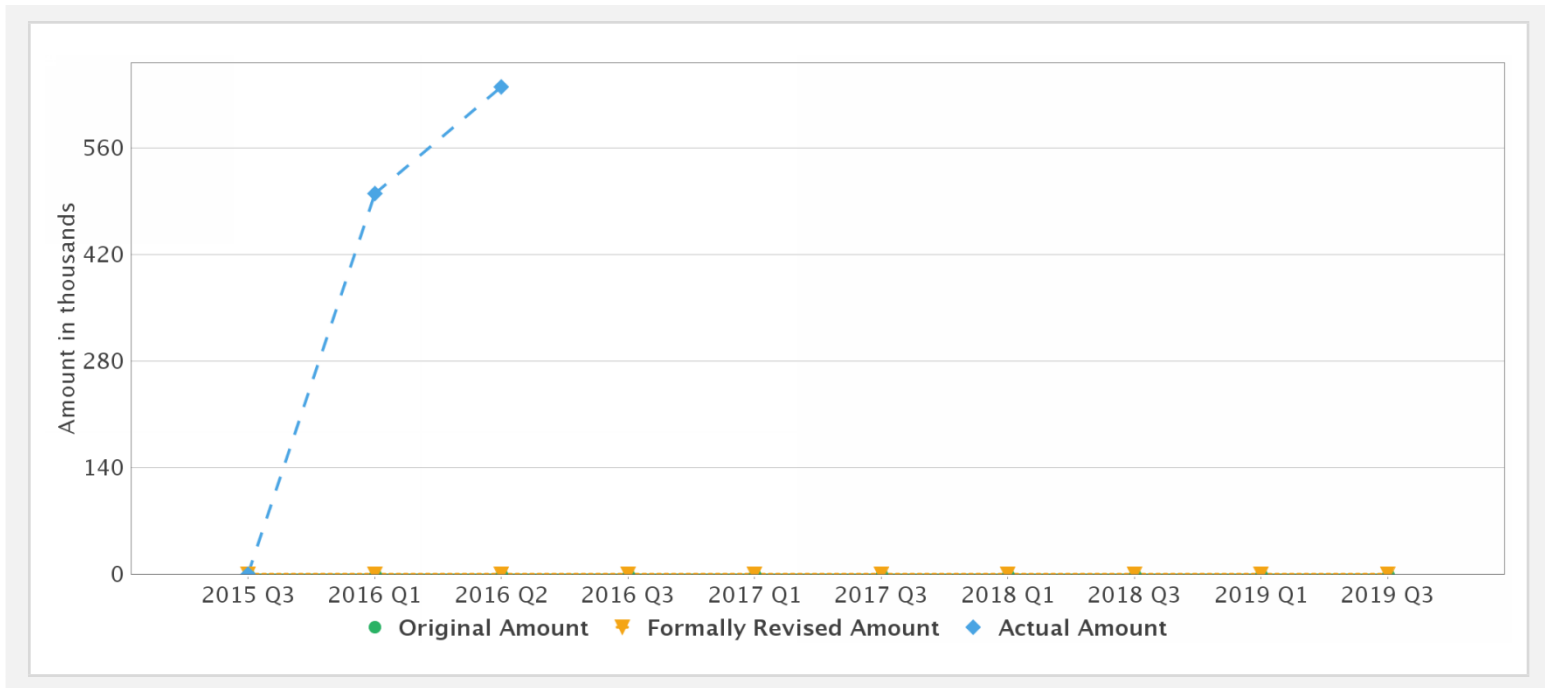
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P131408	TF-18449	Effective	USD	5.53	5.53	0.00	0.64	4.89	12%

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

There has been no restructuring to date.

Related Project(s)

There are no related projects.