Public Disclosure Authorized



# Enhancing the Climate Resilience of Coastal Resources and Communities (P126596)

EAST ASIA AND PACIFIC | Samoa | Environment, Natural Resources & the Blue Economy Global Practice |
Recipient Executed Activities | Investment Project Financing | FY 2014 | Seq No: 13 | ARCHIVED on 14-Dec-2019 | ISR37828 |

Implementing Agencies: Ministry of Natural Resources and Environment, Ministry of Finance, Ministry of Finance, Independent State of Samoa

## Key Dates

### Key Project Dates

Bank Approval Date: 27-Dec-2013
Effectiveness Date: 07-Feb-2014
Planned Mid Term Review Date: 12-Jun-2017
Actual Mid-Term Review Date: 12-Jun-2017
Original Closing Date: 31-Dec-2018
Revised Closing Date: 30-Jun-2020

## Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The project development objective is to support coastal communities to become more resilient to climate variability and change.

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

No

## Components

| Name |
|---|
| Implementation of Priority Adaptation Measures to Manage Climate and Disaster-related Threats:(Cost $10.20 M)<br>Strengthened Climate Information Services:(Cost $1.50 M)<br>Institutional strengthening for climate and disaster resilience, project coordination and monitoring:(Cost $2.90 M) |

## Overall Ratings

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

## Implementation Status and Key Decisions

The project has strengthened Samoa's climate resilient development goals by updating Community Integrated Management (CIM) plans, procuring LiDAR remote sensing data for critical risk and vulnerability assessment, increasing public awareness and preparedness, and improving government capacity for coordination and integration of climate risks into decision making. However, implementation is still behind schedule for both the village- and district-level resilience sub-projects. Just over half of the 100 planned village-level investments and about a third of the 22 planned district-level sub-projects have been completed with good results. Some key areas of strengthened resilience targeted by these investments include resilient water supply, critical access roads and evacuation routes, community shelters, coastline protection, and climate resilient agriculture.

## 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 | -- | Low | Low |
| Technical Design of Project or Program | -- | Low | Low |
| Institutional Capacity for Implementation and Sustainability | -- | Moderate | Moderate |
| Fiduciary | -- | Moderate | Moderate |
| Environment and Social | -- | Moderate | Moderate |
| Stakeholders | -- | Moderate | Moderate |
| Other | -- | -- | -- |
| Overall | -- | Moderate | Moderate |

## Results

### PDO Indicators by Objectives / Outcomes

Support coastal communities to become more resilient to climate variability

▸Project beneficiaries (Number, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | 449.00 | 62,620.00 | 45,000.00 |
| Date | 10-Feb-2014 | 18-Oct-2018 | 18-Sep-2019 | 30-Jun-2020 |
| Comments: | Project beneficiaries include populations or communities who benefit directly from project investments including from access to more resilient water supply, multi-cropping/resilient agriculture, coastal resilience from marine protected areas, access to improved roads for evacuation during cyclones/tsunamis and improved response capabilities.<br>The estimated beneficiaries of 45,000 did not include the densely populated area around Apia, nor the extent of the areas of the district level sub-projects that include activities on coastal and watershed areas. Future missions will ensure that the methodology developed in 2016-17 for monitoring each of the indicators is being followed and only direct beneficiaries counted. | | | |

◢Female beneficiaries (Percentage, Custom Supplement)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | 48.00 | 52.00 | 48.00 |

▸Sub-projects with climate/disaster resilience satisfactorily implemented based on a scoring system (Number, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | 38.00 | 62.00 | 116.00 |
| Date | 10-Feb-2014 | 18-Oct-2018 | 29-Nov-2019 | 30-Jun-2020 |
| Comments: | Measures the achievement of the project in implementing climate/disaster resilience activities at village and district level.<br>For the village level sub-projects, all the completed investments were considered satisfactory based on the scoring system used by the government. | | | |

◢Village level sub-projects (Number, Custom Breakdown)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | 35.00 | 55.00 | 100.00 |
| Date | 03-Oct-2016 | 18-Oct-2018 | 30-Oct-2019 | 30-Jun-2020 |

◢District level sub-projects (Number, Custom Breakdown)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | 3.00 | 7.00 | 16.00 |
| Date | 06-Oct-2016 | 18-Oct-2018 | 29-Nov-2019 | 30-Jun-2020 |

## Intermediate Results Indicators by Components

### Implementation of Priority Adaptation Measures to Manage Climate and Disaster-related Threats

▸Number of people provided with access to resilient water supply (Number, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | 7,000.00 | 13,081.00 | 15,000.00 |
| Date | 04-Jun-2018 | 18-Oct-2018 | 18-Sep-2019 | 30-Jun-2020 |
| Comments: | This represents the number of people benefiting from the new water supply resilience sub-projects completed since the previous report. | | | |

▸Participants in consultation activities during project implementation (number) (Number, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | 2,731.00 | 2,881.00 | 5,000.00 |

| | | | | |
|---|---|---|---|---|
| Date | 10-Feb-2014 | 18-Oct-2018 | 18-Sep-2019 | 30-Jun-2020 |
| Comments: | This represents the number of people that were in consultations during the CIM planning process, during the design and implementation of the village level sub-projects and during the design of district level sub-projects. The participants also include those in the annual meetings where there is a scoring exercise for the PPCR indicators and is required as part of the reporting for the PPCR. | | | |

▸Number of trained CSOs providing climate change related services under the project (Number, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | 5.00 | 5.00 | 5.00 |
| Date | 10-Feb-2014 | 18-Oct-2018 | 18-Sep-2019 | 30-Jun-2020 |
| Comments: | These are CSOs that were trained using the material developed from the Community Engagement Plan and different ways of thinking of thinking of climate and disaster resilience prior to the start of implementation of the village level sub-projects. | | | |

▸CIMs updated through consultative processes and incorporate other planning frameworks (Number, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 0.00 | 18.00 | 18.00 | 18.00 |
| Date | 10-Feb-2014 | 18-Oct-2018 | 18-Sep-2019 | 30-Jun-2020 |

▸Three water sources with improved condition based on a qualitative scoring system (Text, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | Poor | Poor | Poor | Medium |
| Date | 04-Jun-2018 | 18-Oct-2018 | 18-Sep-2019 | 30-Jun-2020 |
| Comments: | The “poor” score indicates there are no investments in these areas yet | | | |

## Strengthened Climate Information Services

▸Use of improved climate information and tools. (Number, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 1.00 | 6.00 | 6.00 | 6.00 |
| Date | 10-Feb-2014 | 18-Oct-2018 | 18-Sep-2019 | 30-Jun-2020 |

▸Improved awareness on climate change associated risks and hazards among population in targeted districts (Percentage, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | 10.00 | 40.00 | 40.00 | 40.00 |
| Date | 10-Feb-2014 | 18-Oct-2018 | 18-Sep-2019 | 31-Dec-2018 |

▸Maps prepared for bathymetry and topography for Upolu and Savai'i and use to strengthen resilience (Text, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | None | 18 in total - one for each of the districts have been prepared with relevant data on hazards, wave movement and other key information for decision making. The maps are contributing to the design of risk management interventions, including but not limited to the project's village and district level sub-projects. | 18 in total - one for each of the districts have been prepared with relevant data on hazards, wave movement and other key information for decision making. The maps are contributing to the design of risk management interventions, including but not limited to the village and district level sub-projects. | Relevant hazard maps, data on wave movement, and other information contributes to decision making on climate risks and used in the design of risk management interventions |
| Date | 10-Feb-2014 | 18-Oct-2018 | 18-Sep-2019 | 31-Dec-2018 |

Institutional strengthening for climate and disaster resilience, project coordination and monitoring

▸Evidence of strengthened government capacity and coordination mechanism to mainstream climate resilience. (Text, Custom)

| | Baseline | Actual (Previous) | Actual (Current) | End Target |
|---|---|---|---|---|
| Value | Climate information product/services rarely used in decision making | Improved coordination through CRICD, CRSC, CSSP as well as engagement of technical agencies with CIM Review consultations. | Improved coordination through CRICD, CRSC, CSSP as well as engagement of technical agencies with CIM Review consultations done previously. PMS in collaboration with the ISS from time to time have assisted through the provision of support to the Line Agencies in facilitating and providing advice at all levels of project implementation through procurement, Monitoring, ESS and financial management. | Climate information products/services are used in decision making in climate sensitive sectors |
| Date | 10-Feb-2014 | 18-Oct-2018 | 21-Jun-2019 | 31-Dec-2018 |

## Data on Financial Performance

### Disbursements (by loan)

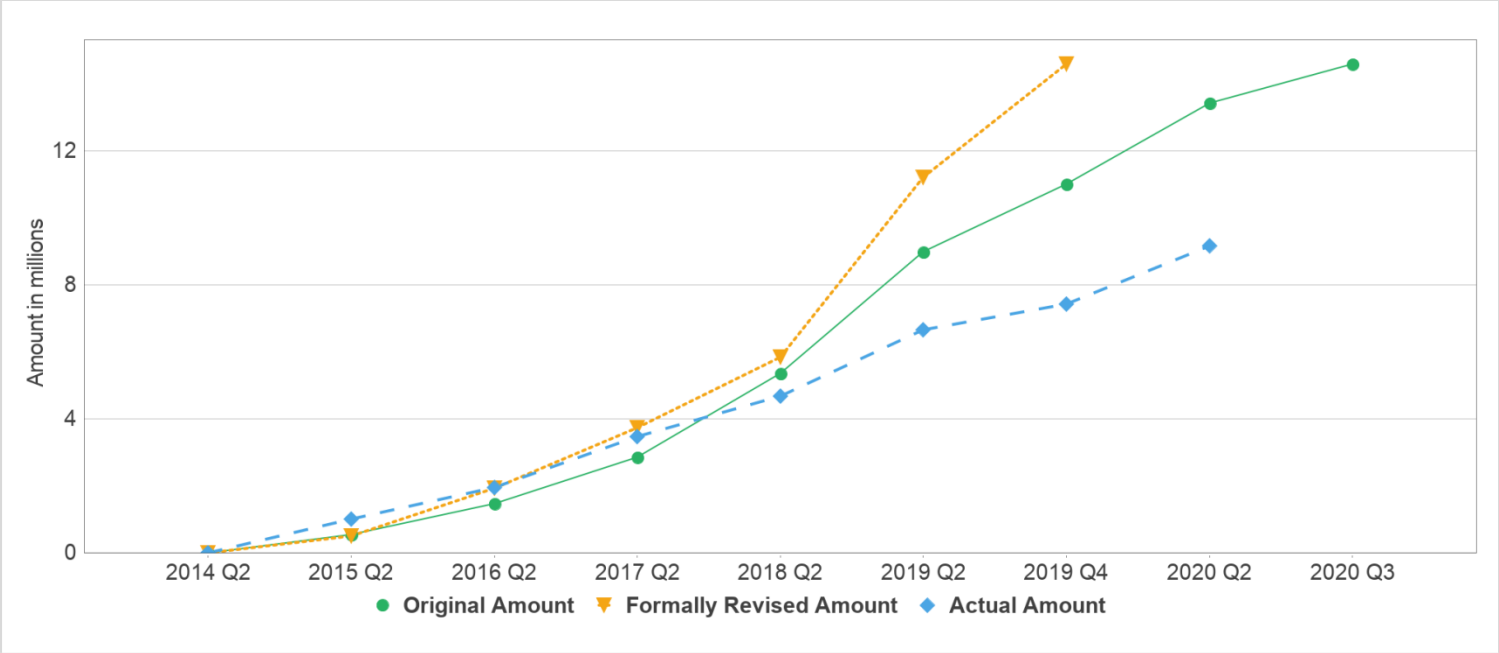
| Project | Loan/Credit/TF | Status | Currency | Original | Revised | Cancelled | Disbursed | Undisbursed | % Disbursed |
|---|---|---|---|---|---|---|---|---|---|

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| P126596 | TF-15828 | Effective | USD | 14.60 | 14.60 | 0.00 | 9.17 | 5.43 | 63% |

### Key Dates (by loan)

| Project | Loan/Credit/TF | Status | Approval Date | Signing Date | Effectiveness Date | Orig. Closing Date | Rev. Closing Date |
|---|---|---|---|---|---|---|---|
| P126596 | TF-15828 | Effective | 27-Dec-2013 | 07-Feb-2014 | 07-Feb-2014 | 31-Dec-2018 | 30-Jun-2020 |

### Cumulative Disbursements




## Restructuring History

Level 2 Approved on 27-Dec-2015 ,Level 2 Approved on 07-Jun-2017 ,Level 2 Approved on 28-Jun-2018

## Related Project(s)

There are no related projects.