



Pacific Resilience Program (P154840)

EAST ASIA AND PACIFIC | Tonga | Urban, Resilience and Land Global Practice |
IBRD/IDA | Investment Project Financing | FY 2015 | Seq No: 14 | ARCHIVED on 08-Jun-2022 | ISR51587 |

Implementing Agencies: Kingdom of Tonga, Ministry of Environment, Energy, Climate Change, Disaster Mgmt, Meteorology, Information and Comms, Ministry of Finance

Key Dates**Key Project Dates**

Bank Approval Date: 19-Jun-2015

Effectiveness Date: 18-Sep-2015

Planned Mid Term Review Date: 29-Mar-2019

Actual Mid-Term Review Date: 25-Mar-2019

Original Closing Date: 30-Nov-2020

Revised Closing Date: 31-Oct-2023

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The objective of the Project is to strengthen early warning, resilient investments and financial protection of Tonga.

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

No

Components Table

Name

Component 1: Strengthening Early Warning and Preparedness:(Cost \$11.49 M)

Component 2: Risk Reduction and Resilient Investments:(Cost \$15.50 M)

Component 3: Disaster Risk Financing:(Cost \$5.40 M)

Component 4: Project and Program Management:(Cost \$1.50 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Satisfactory
Overall Implementation Progress (IP)	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Satisfactory
Overall Risk Rating	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate

Implementation Status and Key Decisions

The project is making progress towards strengthening early warning, with an AM transmitter tower now commissioned. Works are complete at the two Emergency Operation Centers (EOCs) in Ha'apai and Vava'u (Component 1). All works in schools are now complete (Component 2).





Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Macroeconomic	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Sector Strategies and Policies	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Technical Design of Project or Program	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate



Institutional Capacity for Implementation and Sustainability	☐ Substantial	☐ Moderate	☐ Moderate
Fiduciary	☐ Substantial	☐ Moderate	☐ Moderate
Environment and Social	☐ Moderate	☐ Moderate	☐ Moderate
Stakeholders	☐ Moderate	☐ Moderate	☐ Moderate
Other	--	☐ Moderate	☐ Moderate
Overall	☐ Substantial	☐ Moderate	☐ Moderate

Results

PDO Indicators by Objectives / Outcomes

Strengthen early warning				
▶ Direct project beneficiaries (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	24,000.00	25,000.00	25,000.00	60,000.00
Date	19-Jun-2015	16-Nov-2021	16-Nov-2021	31-Oct-2023
Comments:	With the AM Transmitter now complete, this is a significant milestone towards putting the infrastructure in place to ensure that timely hazard forecast and warning messages can be disseminated to the public.			
☐ Female beneficiaries (as a subset of the total number of beneficiaries) (Number, Custom Breakdown)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	9,600.00	12,765.00	12,765.00	24,000.00
Date	19-Jun-2015	16-Nov-2021	16-Nov-2021	31-Oct-2023
▶ Increased coverage of hazard forecast and warning messages to population at risk (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	30.00	30.00	30.00	70.00
Date	19-Jun-2015	16-Nov-2021	16-Nov-2021	31-Oct-2023

Strengthen resilient investments				
▶ School children to benefit from increased resilience to their school (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	9,000.00	9,000.00	9,000.00
Date	12-Feb-2018	16-Nov-2021	16-Nov-2021	31-Oct-2023



Comments: Works are complete in schools. The target has been met ahead of schedule.

Strengthen financial protection of Tonga

► Participating PICs have received payment within a month of the occurrence of a covered (insurance) event. (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	100.00
Date	19-Jun-2015	16-Nov-2021	16-Nov-2021	31-Oct-2023

Comments: A second payout of US\$4.5 million was made to Tonga under the Insurance Scheme within one month of TC Harold.

► Time taken to trigger the contingency emergency response component (CERC) for an eligible emergency (Weeks, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	6.00	6.00	4.00
Date	19-Jun-2015	16-Nov-2021	16-Nov-2021	31-Oct-2023

Comments: Indication of the government's intention to trigger the CERC came to the Bank within one month of the event. The formal request to trigger the CERC, including the full CERC trigger package, was received and approved within six weeks. In the event that the CERC is triggered prior to the end of the project, it is envisaged that the End Target of four weeks will be achieved.

Intermediate Results Indicators by Components

Component 1: Strengthening Early Warning and Preparedness

► Improved status of hazards observational network (Hydro, Meteorological and Seismic) (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	20.00	20.00	20.00	50.00
Date	06-Aug-2015	16-Nov-2021	27-May-2022	31-Oct-2023

Comments: A firm (System Integrator Consultants) and an individual Seismic consultant are working with the government to progress the hazards observational network. The end target is expected to be achieved by 2023. This indicator is being dropped and replaced under the upcoming Level 2 Restructure.

► Multi Hazard Early warning systems are established and operating (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes
Date	06-Aug-2015	16-Nov-2021	27-May-2022	31-Oct-2023

Comments: The AM Transmitter has been commissioned. Hand held marine communication radios have been provided to 100 fisherman who have been trained in their use. Specifications have been prepared for the



Marine Coastal Communication Network. The end target is expected to be achieved by 2023. This indicator is being dropped and replaced under the upcoming Level 2 Restructure.

Component 2: Risk Reduction and Resilient Investments

► Number of school buildings rebuilt to improved resilience standards (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	46.00	46.00	30.00
Date	12-Feb-2018	16-Nov-2021	27-May-2022	31-Oct-2023
Comments:	The project has exceeded the target of 30 new buildings ahead of schedule. 33 school buildings have been completed and 13 WASH facilities have been completed to date.			

► Number of school buildings repaired or retrofitted to improved resilience standards (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	10.00	10.00	20.00
Date	12-Feb-2018	16-Nov-2021	27-May-2022	31-Oct-2023
Comments:	This indicator is being revised under the upcoming Level 2 Restructure			

► Schools with gender appropriate resilient WASH facilities (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	100.00	100.00
Date	12-Feb-2018	16-Nov-2021	27-May-2022	31-Oct-2023
Comments:	All WASH facilities have been deleted. This target has been met.			

► Beneficiaries of school repairs, retrofitting, and rebuilding that feel project investments reflect their needs (of which 50% are female) (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	84.00	84.00	80.00
Date	12-Feb-2018	16-Nov-2021	16-Nov-2021	31-Oct-2023
Comments:	Further beneficiary surveys will be conducted to determine this figure in coming months.			

Component 3: Disaster Risk Financing

► The premiums are lower than the simulated price for a comparable coverage purchased individually in the market (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	Yes	Yes	Yes



Date	06-Aug-2015	16-Nov-2021	27-May-2022	31-Oct-2023
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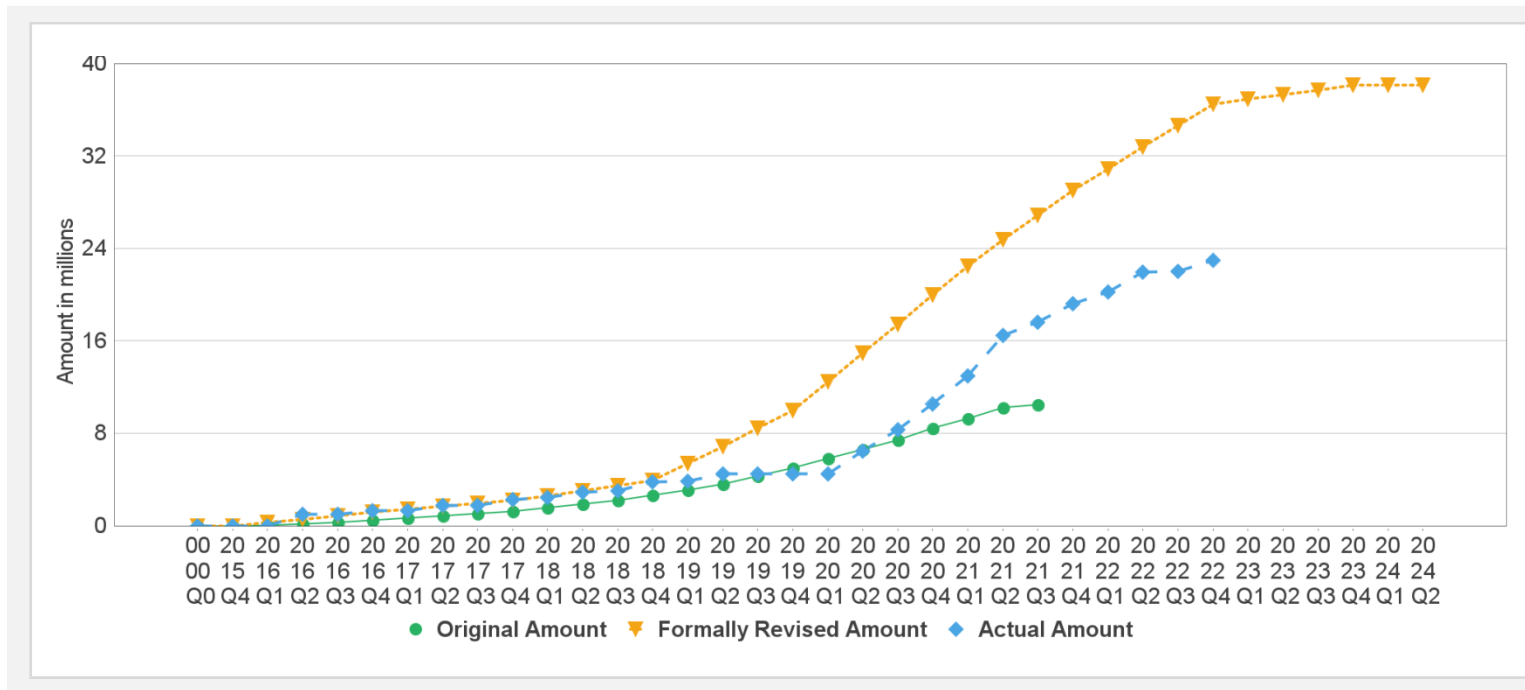
Performance-Based Conditions**Data on Financial Performance****Disbursements (by loan)**

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed		% Disbursed
P154840	IDA-56890	Effective	USD	8.25	8.25	0.00	3.35	5.15		39%
P154840	IDA-D0780	Effective	USD	2.25	2.25	0.00	2.40	0.00		100%
P154840	IDA-D3590	Effective	USD	14.95	14.95	0.00	14.71	0.13		99%
P156334	TF-A0900	Effective	USD	4.58	4.58	0.00	1.01	3.57		22%
P154840	TF-A1232	Closed	USD	1.50	1.50	0.00	1.50	0.00		100%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P154840	IDA-56890	Effective	19-Jun-2015	30-Jun-2015	18-Sep-2015	30-Nov-2020	31-Oct-2023
P154840	IDA-D0780	Effective	19-Jun-2015	30-Jun-2015	18-Sep-2015	30-Nov-2020	31-Oct-2023
P154840	IDA-D3590	Effective	18-Jul-2018	16-Aug-2018	17-Oct-2018	31-Oct-2023	31-Oct-2023
P156334	TF-A0900	Effective	19-Jun-2015	18-Nov-2015	09-Dec-2015	30-Nov-2020	31-Oct-2022
P154840	TF-A1232	Closed	19-Jun-2015	18-Nov-2015	09-Dec-2015	30-Jun-2020	30-Jun-2020

Cumulative Disbursements



Restructuring History

Level 2 Approved on 05-Oct-2017 ,Level 2 Approved on 24-Sep-2020

Related Project(s)

P156334-Pacific Resilience Program ,P167166-Additional Financing for the Pacific Resilience Project under the Pacific Resilience Program ,P178847-Additional Financing to the Pacific Resilience Project in Tonga ,P178848-Additional Financing to the Pacific Resilience Project in Tonga