



## Coral Reef Rehabilitation and Management Program -Coral Triangle Initiative (COREMAP-CTI) (P127813)

EAST ASIA AND PACIFIC | Indonesia | Environment, Natural Resources & the Blue Economy Global Practice | IBRD/IDA | Investment Project Financing | FY 2014 | Seq No: 14 | ARCHIVED on 11-Jun-2021 | ISR46774 |

Implementing Agencies: Indonesian Institute of Science (LIPI), Republic of Indonesia, Indonesian Ministry of National Development Planning (BAPPENAS)

**Key Dates****Key Project Dates**

Bank Approval Date: 21-Feb-2014

Effectiveness Date: 05-Jun-2014

Planned Mid Term Review Date: 17-Oct-2016

Actual Mid-Term Review Date: 11-Nov-2016

Original Closing Date: 30-Jun-2019

Revised Closing Date: 30-Jun-2022

**Project Development Objectives**

Project Development Objective (from Project Appraisal Document)

To institutionalize the COREMAP approach of a viable, decentralized and integrated framework for sustainable management of coral reef resources, associated eco-systems and bio-diversity for the welfare of the communities in the selected districts of the respective provinces in Indonesia.

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

Yes

Board Approved Revised Project Development Objective (If project is formally restructured)

To strengthen institutional capacity in coastal ecosystems monitoring and research to produce evidence-based resource management information, and to improve management effectiveness of priority coastal ecosystems

**Components Table**

Name

Institutional Strengthening for Coastal Ecosystems Monitoring:(Cost \$28.12 M)

Support for Demand-Driven Coastal Ecosystems Research:(Cost \$16.39 M)

Management of Priority Coastal Ecosystems:(Cost \$9.07 M)

Project Management:(Cost \$3.80 M)

**Overall Ratings**

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<input type="checkbox"/> Moderately Unsatisfactory	<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 continues to make progress towards its development objectives and targets. Upgrading of five coastal monitoring and research facilities has been completed (Radel Salah, Tual, Ternate, Pulau Pari, and Mataram) and construction of one more facility is close to completion (Ancol). The Project is developing use agreements (Memoranda of Understanding) with government and university partners to bring completed facilities online.

Implementation is underway on Component 3 activities financed by the Global Environment Facility (GEF), focused on improving management effectiveness of priority marine protected areas (MPAs). Progress includes construction of small eco-tourism infrastructure, registration and operational support of POKMASWAS (community surveillance groups), research and conservation activities for endangered species, and coastal management capacity-building activities.

With the gradual lifting of COVID-19 related restrictions, which had an impact on project progress over the last 15 months, some activities have recently accelerated by making use of remote or COVID-safe consultation methods, including activities for field monitoring and assessment center and data node establishment (under Component 3). The remaining research infrastructure construction activities continue with COVID-safe precautions.

## Risks

### Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	--	<input type="checkbox"/> Low	<input type="checkbox"/> Low
Macroeconomic	--	<input type="checkbox"/> Low	<input type="checkbox"/> Low
Sector Strategies and Policies	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Technical Design of Project or Program	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Institutional Capacity for Implementation and Sustainability	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Fiduciary	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Environment and Social	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Stakeholders	--	<input type="checkbox"/> Low	<input type="checkbox"/> Low
Other	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Overall	--	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate

## Results

### PDO Indicators by Objectives / Outcomes

Strengthen monitoring and research capacity for producing evidence-based coastal ecosystem mgmt info				
► Sites at which Indonesia's new Coral Reef Health Index is applied (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	36.00	36.00	39.00
Date	30-Jun-2017	18-Nov-2020	07-May-2021	30-Jun-2022



Comments:	Monitoring was delayed during 2020 and early 2021 due to COVID-19 related restrictions, hence no progress on this indicator since previous ISR. Monitoring is now resuming due to slightly relaxed restrictions.			
<b>► Coastal ecosystems area under continuous monitoring according to defined criteria (Hectare(Ha), Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	10,714,455.00	10,714,455.00	11,241,405.00
Date	30-Jun-2017	18-Nov-2020	07-May-2021	30-Jun-2022
Comments:	Monitoring was delayed during 2020 and early 2021 due to COVID-19 related restrictions, hence no progress on this indicator since previous ISR. Monitoring is now resuming due to slightly relaxed restrictions.			
<b>► Coastal ecosystems scientific research papers published by LIPI and research grant recipients that meet the need for evidence-based resources management information (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	44.00	66.00	57.00
Date	30-Jun-2017	18-Nov-2020	07-May-2021	30-Jun-2022

<b>Improved management effectiveness of existing and new marine protected areas (MPA)</b>				
<b>► Target MPAs with a Blue Level Management Effectiveness Score of at least 75 percent. (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	2.00	4.00
Date	31-Dec-2018	18-Nov-2020	07-May-2021	30-Jun-2022
Comments:	The Ministry of Marine Affairs and Fisheries has moved from scoring MPAs using the EKKP3K system (on which this indicator is based) to the new EVIKA system. Assessment of scoring under both systems in 2019 indicates that 75% under EKKP3K is equal to around 45% under EVIKA. EVIKA scores for COREMAP-CTI target MPAs at end-2019 were: TNP Laut Sawu = 49.6%, SAP Waigeo Sebelah Barat = 43.9%; 43.9%; TWP Kep. Raja Ampat = 55.7%. Data requires verification and is released in the following year, implying some lag in monitoring.			

### Intermediate Results Indicators by Components

<b>Support for Demand-Driven Coastal Ecosystems Research</b>				
<b>► Researchers trained by LIPI in coastal ecosystems research techniques (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	427.00	427.00	340.00
Date	30-Jun-2017	18-Nov-2020	07-May-2021	30-Jun-2022



► Demand-driven coastal ecosystems research grants awarded by LIPI (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	40.00	60.00	30.00
Date	30-Jun-2017	18-Nov-2020	07-May-2021	30-Jun-2022

Institutional Strengthening for Coastal Ecosystems Monitoring				
► Coastal ecosystems monitoring surveys completed (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	16.00	36.00	60.00	78.00
Date	30-Jun-2017	18-Nov-2020	07-May-2021	30-Jun-2022
Comments:	Monitoring was delayed during 2020 and early 2021 due to COVID-19 related restrictions. This indicator was incorrectly recorded in the previous ISR (Nov 2020) at 36 instead of the correct value of 55, due to omission of the baseline sites.			

► Specific coastal ecosystems schemes for which LIPI is accredited as the national certification entity. (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	6.00	6.00	5.00
Date	30-Jun-2017	18-Nov-2020	07-May-2021	30-Jun-2022

► Assessors and surveyors certified in coastal ecosystems monitoring by LIPI. (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	290.00	312.00	500.00
Date	30-Jun-2017	18-Nov-2020	07-May-2021	30-Jun-2022

► Sub-national assesment centers established by LIPI. (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	7.00	7.00	10.00
Date	30-Jun-2017	18-Nov-2020	07-May-2021	30-Jun-2022
Comments:	Progress in 2020 was hampered by COVID-related travel restrictions, which prevented site visits. Work has resumed following the easing of some restrictions, with three sites identified and preparations underway for their establishment.			

► Technical staff awarded Masters Degree Scholarships in coastal ecosystems monitoring and management (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	5.00	8.00	20.00



Date	31-Dec-2018	18-Nov-2020	07-May-2021	30-Jun-2022
Comments:	Eight students have graduated. Nine have an expected graduation date of December, 2021, and five have an expected graduation date of May 2022.			
<b>► Sub-national data nodes within existing institutions established by LIPI (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	6.00	6.00	8.00
Date	30-Jun-2017	18-Nov-2020	07-May-2021	30-Jun-2022
Comments:	Progress in 2020 was hampered by COVID-related travel restrictions, which prevented site visits. Work has resumed due to reduced restrictions, with two sites identified and preparations underway for data node establishment.			
<b>► LIPI coastal monitoring and research infrastructure assets upgraded (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	4.00	5.00	7.00
Date	30-Jun-2017	18-May-2020	07-May-2021	30-Jun-2022
Comments:	Infrastructure sub-projects are completed at Raden Saleh, Tual, Ternate, Pulau Pari, and Mataram. Construction is underway at Ancol. Activities on one site (Bitung) have been cancelled due to changes in LIPI's priorities with funds reallocated.			

<b>Management of priority coastal ecosystems</b>				
<b>► Small ecotourism infrastructure assets, built in target MPA areas, as per MPA management plans. (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	1.00	8.00
Date	31-Dec-2018	18-Nov-2020	07-May-2021	30-Jun-2022
Comments:	One asset is complete, three are in late stages of construction, two are under procurement processes, two are awaiting construction permits.			
<b>► Registered community surveillance groups (POKMASWAS) that are carrying out regular surveillance patrols in target MPA areas. (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	1.00	18.00
Date	31-Dec-2018	18-Nov-2020	07-May-2021	30-Jun-2022
Comments:	Eighteen groups have been registered at the provincial level. Groups have received training but are not yet conducting regular patrols, hence indicator does not yet capture progress. Patrols are expected to commence in the next reporting period.			
<b>► Provincial ICZM action plan activities implemented in and around target MPA areas. (Number, Custom)</b>				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3.00	5.00	14.00
Date	31-Dec-2018	18-Nov-2020	07-May-2021	30-Jun-2022
Comments:	Competed activities include integrated coastal zone management training, institutional participatory mapping for indigenous peoples, and advanced diving training for community, local government and MPA management bodies. Other activities are underway with results expected throughout 2021 and early 2022.			
▶ Number of management activities from MMAF's National Plans of Action that have been implemented for Sharks, Cetaceans, and Manta-Rays in target MPA areas. (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1.00	4.00	9.00
Date	31-Dec-2018	18-Nov-2020	07-May-2021	30-Jun-2022
Comments:	Implemented activities include genetic sampling of cetaceans; socialization, awareness, and education workshops; feasibility study on development of species-based tourism; and mapping of marine mammal strandings. Other activities underway with results expected throughout 2021 and early 2022.			

### Performance-Based Conditions

#### Data on Financial Performance

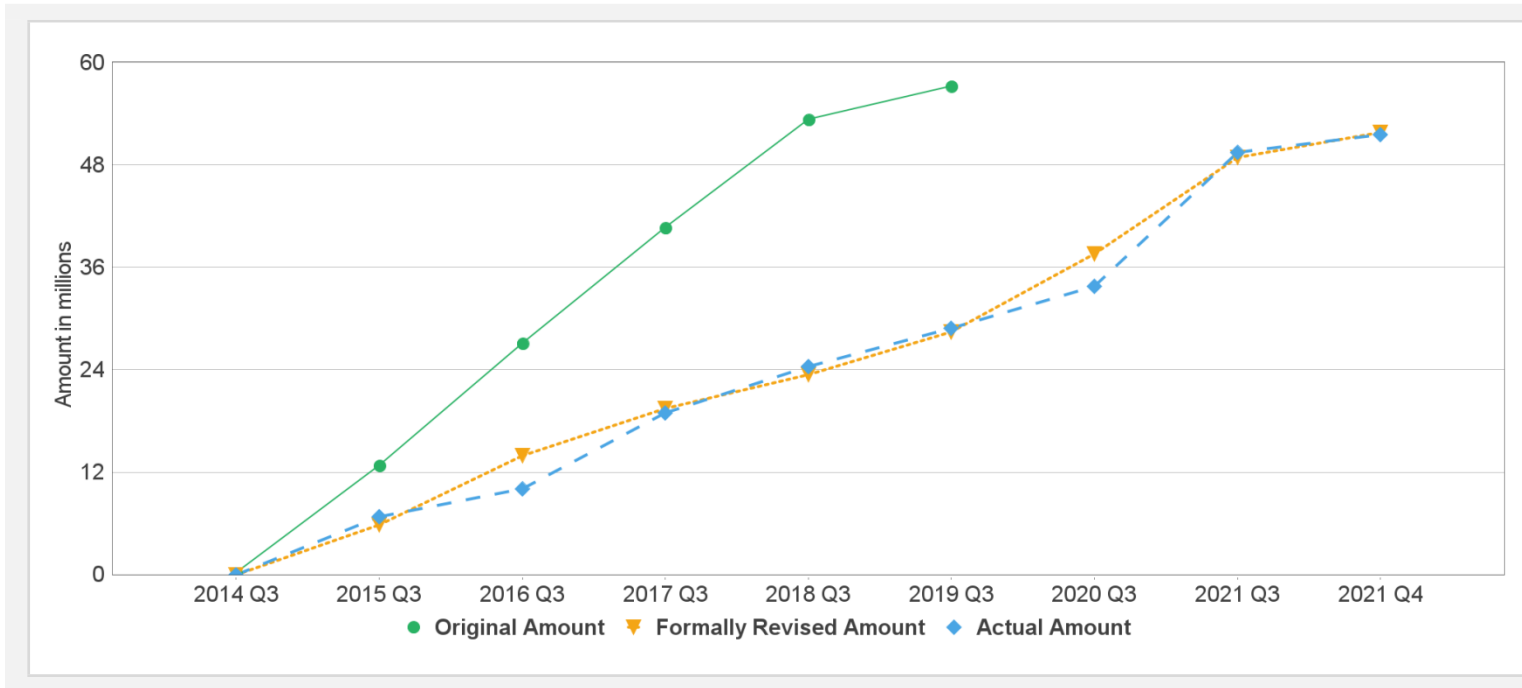
#### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P127813	IBRD-83360	Effective	USD	47.38	47.38	0.00	42.46	4.92	90%
P130389	TF-15470	Effective	USD	10.00	10.00	0.00	9.12	0.88	91%

#### Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P127813	IBRD-83360	Effective	21-Feb-2014	17-Mar-2014	05-Jun-2014	30-Jun-2019	30-Jun-2022
P130389	TF-15470	Effective	17-Mar-2014	17-Mar-2014	05-Jun-2014	30-Jun-2019	30-Jun-2022

#### Cumulative Disbursements



### Restructuring History

Level 1 Approved on 05-Jun-2017 ,Level 2 Approved on 08-May-2019

### Related Project(s)

P127813-Coral Reef Rehabilitation and Management Program -Coral Triangle Initiative (COREMAP-CTI) ,P130389-Coral Reef Rehabilitation and Management Program -Coral Triangle Initiative (COREMAP-CTI)