



## Indonesia: Coral Reef Rehabilitation and Management Program-Coral Triangle Initiative Project

Project Name	Coral Reef Rehabilitation and Management Program-Coral Triangle Initiative Project	
Project Number	46421-001	
Country	Indonesia	
Project Status	Active	
Project Type / Modality of Assistance	Grant Loan	
Source of Funding / Amount	<b>Grant 0379-INO: Coral Reef Rehabilitation and Management-Coral Triangle Initiative Project</b>	
	Global Environment Facility	US\$ 8.00 million
	<b>Loan 3094-INO: Coral Reef Rehabilitation and Management-Coral Triangle Initiative Project</b>	
	Ordinary capital resources	US\$ 45.52 million
Strategic Agendas	Environmentally sustainable growth Inclusive economic growth Regional integration	
Drivers of Change	Governance and capacity development Partnerships	
Sector / Subsector	<b>Agriculture, natural resources and rural development</b> - Water-based natural resources management	
Gender Equity and Mainstreaming	Effective gender mainstreaming	
Description	<p>The project will enable coastal communities, and the institutions that support them, to manage coral reef resources, and associated ecosystems and biodiversity in a sustainable manner for increasing the economic and social welfare of coastal communities. COREMAP-CTI will support the government's sector development plan and national targets for establishing effective MPAs. Project implementation will focus on improving the management, sustainability and resilience of marine protected areas (MPAs). Interventions will target three national and seven district marine protected areas (MPAs) located in (i) Bintan, Batam, Lingga, and Natuna districts in Riau province; (ii) Central Tapanuli and North Nias districts in North Sumatra province; (iii) Mentawai district in West Sumatra province; (iv) Anambas national MPA in Anambas district, Riau province; (v) Pulau Pieh national MPA in Pariaman district, West Sumatra Province; and (vi) Gilimatra national MPA in North Lombok district, West Nusa Tenggara province (project area).</p>	

Project Rationale and Linkage to Country/Regional Strategy

Indonesia is the largest archipelagic nation with 18% of the world's coral reefs hosting the most diverse marine flora and fauna. Indonesia's coastal ecosystems serve as an important base for the country's economic growth. Sustainable management of the coral reef ecosystem is, therefore, a major objective of Indonesia's marine and fisheries sector development plan, which in turn is guided by (i) the National Long Term Development Plan (2005-2025), (ii) the Medium-Term Development Plan (2010-2014), and (iii) the Ministry of Marine Affairs and Fisheries (MMAF) Strategic Plan (2010-2014). The government has a suite of policies to address sector issues that relates to coastal and marine resource management, including policies on environment, fisheries, forestry, small islands development, marine tourism, marine transportation and mining. Collectively, these policies articulate the government's priorities for the sector and comprise the sector development plan(s). Indonesia has also played a central role in the Coral Triangle Initiative on Coral Reefs, Fisheries and Food Security (CTI-CFF), a six-country program of regional cooperation to sustainably manage coastal and marine resources in the region.

Low awareness of coastal communities, inadequate institutional capacity to contain land and marine-based pollution, insufficient institutional frameworks and capacity to effectively manage MPAs, and persistent poverty in coastal areas, has resulted in degradation of about 70% of Indonesian coral reef ecosystem. To address these root causes, the Government of Indonesia has adopted a multi-faceted approach focusing on (i) institutional capacity building; (ii) development of models for the establishment and effective management of MPAs; and (iii) reduction of coastal poverty through income-generating infrastructure and sustainable livelihoods. This project represents the last of a three-phase program in which ADB and the World Bank are working in close cooperation with the government in complementary geographic areas. The first phase (COREMAP I) established a viable framework for a national coral reef management system in Indonesia. The second phase (COREMAP II) consolidated the knowledge base and adopted a community-based approach for decentralized coral reef management and built strong public awareness on coral reef conservation. COREMAP Phase II initiated institutional development for model MPA systems and tested the feasibility of sustainable livelihood activities for reducing fishing pressures in targeted coastal communities. The ADB and World Bank project completion reports for Phase II described several lessons learned which will be incorporated in the COREMAP-CTI Project design. These include the need for (i) commitment and support from local government bodies; (ii) integration of value chain analysis of livelihood activities in the project design; and (iii) effective mainstreaming of gender concerns.

The project will contribute to meeting the marine and fisheries sector development plan's overall targets to develop 20.0 million ha of MPAs by 2020 (of which 15.7 million ha has been achieved by 2012) and to effectively manage 15 threatened, endangered and endemic species. The project will create models for effectively managed MPAs and sustainable microenterprise models for communities. This consolidation phase will develop model MPAs with management effectiveness, financial sustainability, capacity for community co-management and enforcement of regulations. The project is aligned with Indonesia's Country Partnership Strategy 2012-2014 with regard to its two strategic pillars of inclusive growth and environmental sustainability. The project is also aligned with Indonesia's National Plan of Action (NPOA) for the CTI and ADB's package of technical assistance support to implement the NPOA.

Impact Sustainable management of coral reef ecosystems in the project area

## Project Outcome

Description of Outcome Enhanced capacity to manage coral reef ecosystems inside and outside target MPAs

Progress Toward Outcome Likely with delay.

## Implementation Progress

Description of Project Outputs

1. Coral reef management and institutions strengthened
2. Ecosystem-based resource management developed
3. Sustainable marine-based livelihoods improved
4. Project management

Status of Implementation Progress (Outputs, Activities, and Issues)

Output 1: Coral reef management and institutions strengthened. This output has supported deployment of 18 community development extension workers to assist incorporation of the roles and responsibilities of 56 coastal community groups in 57 project villages in village administrative structure. Since 2015, regular coral reef health and associated ecosystem and socioeconomic monitoring conducted. Public awareness campaign conducted. 11 government staff went for postgraduate program for sustainable fisheries management. Overall physical progress of this output is estimated at 35%.

Output 2: Ecosystem-based resource management developed. Three national MPA's effectiveness have been improved, including approved management and zonation plans. 6 protected or threatened species have been identified and the manual and guidelines for the threatened species conservation program and action plans developed. Overall physical progress of this output is estimated at 25%.

Output 3: Sustainable marine-based livelihoods improved. Activities under this output will start in Q4 2016. Preparatory work being done by the community development extension workers to the coastal community groups. Overall physical progress of this output is estimated at 10%.

Output 4: Project management. The annual workplan of 2017 has been developed and approved, consist of activities under project implementing unit of LIPI and DG of Captured Fisheries, Ministry of Marine Affairs and Fisheries.

Geographical Location

## Safeguard Categories

Environment	B
Involuntary Resettlement	B
Indigenous Peoples	B

## Summary of Environmental and Social Aspects

Environmental Aspects
Involuntary Resettlement
Indigenous Peoples
<b>Stakeholder Communication, Participation, and Consultation</b>
During Project Design
During Project Implementation

## Business Opportunities

Consulting Services	All consultants will be recruited according to ADB's Guidelines on the Use of Consultants. (Checklists for actions required to contract consultants by method available in e-Handbook on Project Implementation at: <a href="http://www.adb.org/documents/handbooks/project-implementation/">http://www.adb.org/documents/handbooks/project-implementation/</a> ) A total of 950 person months of consulting services will be financed by the loan, comprising 30 person-months international and 920 national. Of the national consultants, 322 person-months consist of district advisers (one adviser per district). Consultants will provide support to project management, technical expertise in key subject matter areas, and project administration support. A total of 124 person-months (national) consulting services will provide technical support to DGCF. Three national individual consultants (62 person-months) will be recruited to support LIPI on database and web mapping. In addition, 25 person-months of international consultants will be financed from the GEF grant for technical support in respect of marine ecosystem management. The selection of consultants will be in accordance with ADB's quality-and-cost-based selection method using a quality-cost ratio of 80:20, cost quality selection method, and individual consultant selection method. Selection of 3 packages of consulting services of the EA are in preparation stage for advertisement.
Procurement	All procurement of goods and works will be undertaken in accordance with ADB's Procurement Guidelines. Under the project, civil works will be procured through international competitive bidding (ICB) procedures for packages exceeding \$10,000,000 equivalent, and through national competitive bidding (NCB) procedures acceptable to ADB for packages up to and including \$10,000,000 equivalent. Goods will be procured through ICB procedures for packages exceeding \$5,000,000 equivalent and through NCB procedures acceptable to ADB for packages up to and including \$5,000,000 equivalent. For packages of \$100,000 equivalent or less, shopping method may be used. Small-scale works and good contracts with average value of \$10,000-\$30,000 equivalent may be awarded to community organizations following procurement procedures for community participation in procurement as contained in ADB's Procurement Guidelines. Before the start of any procurement ADB and the Government will review the public procurement laws of the central and state governments to ensure consistency with ADB's Procurement Guidelines. Should there be any discrepancy between the Government laws and decrees and the ADB's Guidelines, then ADB's Guidelines shall prevail.

## Responsible Staff

Responsible ADB Officer	Lawira, Helena
Responsible ADB Department	Southeast Asia Department
Responsible ADB Division	Indonesia Resident Mission
Executing Agencies	<i>Ministry of Marine Affairs &amp; Fisheries Indonesia</i>

## Timetable

Concept Clearance	12 Aug 2013
Fact Finding	15 Jul 2013 to 31 Jul 2013
MRM	30 Aug 2013
Approval	13 Dec 2013
Last Review Mission	-
Last PDS Update	31 Mar 2017

## Grant 0379-INO

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
13 Dec 2013	23 Dec 2013	24 Feb 2014	30 Jun 2019	-	-

Financing Plan			Grant Utilization			
	Total (Amount in US\$ million)		Date	ADB	Others	Net Percentage
Project Cost	8.00		Cumulative Contract Awards			
ADB	0.00		13 Dec 2013	0.00	3.33	42%
Counterpart	0.00		Cumulative Disbursements			
Cofinancing	8.00		13 Dec 2013	0.00	3.53	44%

## Loan 3094-INO

Milestones					
Approval	Signing Date	Effectivity Date	Closing		
			Original	Revised	Actual
13 Dec 2013	23 Dec 2013	24 Feb 2014	30 Jun 2019	-	-

Financing Plan			Loan Utilization			
	Total (Amount in US\$ million)		Date	ADB	Others	Net Percentage
Project Cost	58.66		Cumulative Contract Awards			
ADB	45.52		13 Dec 2013	10.72	0.00	24%
Counterpart	13.14		Cumulative Disbursements			
Cofinancing	0.00		13 Dec 2013	13.03	0.00	29%

Project Page	<a href="https://www.adb.org/projects/46421-001/main">https://www.adb.org/projects/46421-001/main</a>
Request for Information	<a href="http://www.adb.org/forms/request-information-form?subject=46421-001">http://www.adb.org/forms/request-information-form?subject=46421-001</a>
Date Generated	06 July 2017

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