Philippines: Integrated Coastal Resources Management

<table>
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<tr>
<th>Project Name</th>
<th>Integrated Coastal Resources Management</th>
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<tbody>
<tr>
<td>Project Number</td>
<td>33276-013</td>
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<td>Country</td>
<td>Philippines</td>
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<td>Project Type / Modality of Assistance</td>
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| Source of Funding / Amount          | Grant 0071-PHI: Integrated Coastal Resources Management  
                                      Global Environment Facility Grant  
                                      Loan 2311-PHI: Integrated Coastal Resources Management  
                                      Ordinary capital resources  
                                      US$ 9.00 million  
                                      US$ 33.80 million |

**Strategic Agendas**
- Environmentally sustainable growth
- Inclusive economic growth

**Drivers of Change**
- Governance and capacity development

**Sector / Subsector**
- Agriculture, natural resources and rural development - Land-based natural resources management - Water-based natural resources management

**Gender Equity and Mainstreaming**
- Effective gender mainstreaming

**Description**
The long-term goals of the Project are enhanced coastal resources and reduced poverty among municipal fisherfolks. The Project purpose is sustainable management and conservation of coastal resources and increased income for coastal communities.

**Project Rationale and Linkage to Country/Regional Strategy**
The coastal and marine resources of the Philippines are of national and global importance because of their rich biodiversity and valuable contribution to the economy. However, these resources are declining and are under threats due to human activities. Coral reefs, mangroves, seagrass and other important coastal habitats are under severe stress with consequential decrease in the production of coastal fisheries. The resource depletion has affected the livelihood of fisherfolks, an overwhelming majority of whom live in poverty.

Since the mid 1980s, the Government has implemented a number of coastal resources management (CRM) programs, mostly as technical assistance from multilateral and bilateral agencies and some as part of major investment and policy initiatives in the sector. Interventions under these programs, notably in marine protected areas, resulted in significant positive impacts on biophysical parameters such as coral cover, fish catch, and biodiversity; promoted good governance practices especially at the local level with the participation of local communities in resource management and law enforcement; and created an awareness among local officials and coastal communities on the need for conservation and protection of coastal ecosystems. Despite these significant gains, threats to the management of coastal resources still persist due to a number of complex factors including lack of an integrated coastal resources management (ICRM) approach to coastal zone planning, policy and institutional weaknesses, weak law enforcement, high poverty incidence among coastal fisherfolks, and open access to marine and coastal resources.

Building on the experience of past programs, the proposed Project will assist the Government to adopt a holistic approach to coastal resources management integrating terrestrial and coastal environments, strengthening policy and institutional framework, developing local government capacity, and reducing pressure on coastal resources. The Project is part of the Country Strategy and Program for Philippines in 2005-2007.

**Impact**
Enhanced coastal resources

**Project Outcome**
Sustainable management of coastal resources

**Progress Toward Outcome**
The project generally completed all its outputs with ecotourism and biodiversity protection activities with substantial potential to achieve outcomes. The institutional capacity building aspect of the outcome based on eco-governance has been achieved and surpassed the target.

**Implementation Progress**
Policy environment and legal framework for integrated coastal resources management (ICRM) rationalized, institutional capacities strengthened, and governance improved.
ICRM institutionalized and functional at the local levels, and coastal ecosystems and resources in the threatened areas of biodiversity are protected and managed.
Alternative and supplementary livelihoods provided.
Health and social conditions in the coastal communities improved.
Status of Implementation Progress (Outputs, Activities, and Issues)

Participating LGUs prepared and adopted ICRM plans which provide funding for 411 subprojects related to coastal, law enforcement, management of marine protected areas, alternative livelihood. Based on the results of guided self-assessment administered to the participating LGUs, average ecogovernance index was 76.14% by year 4. LGUs scored 90.85% by year 6. The Project provided a total of 13 completed subprojects on flood control systems, potable water systems, wharf, fisherman's federation complex, materials recovery and composting facilities, hospital, slaughter house and visitor information center. A landfill facility was also provided but partially completed at 53.94% completion by loan closing date. A total of 59,326 households in 115 barangays in 12 municipalities benefitting from social and environmental facilities.

Too early to assess

Too early to assess

24,908 ha coral reefs with 5,432 ha of no-take zones managed with the active participation of people's organizations (Year 6)

4,355 ha mangroves managed with active participation of people's organizations (Year 6)

10,605 ha watersheds managed with active participation of people's organizations (Year 6)

Reduced by 20% (Year 6)

267 BFAR-led enterprises established; 55 ecotourism established

All enterprises established are operational.

Of the 12,643 employed, 5,506 or 43% are women

Achieved. Implementation of the enterprises generated employment opportunities to 12,643 people.

Geographical Location

Cagayan, Cebu, Davao Oriental, Masbate, Siquijor, Zambales

Safeguard Categories

Environment B

Involuntary Resettlement C

Indigenous Peoples B

Summary of Environmental and Social Aspects

Environmental Aspects

The project activities are aimed at, among other things, sustainable management of marine and coastal resources and environmental protection, and by design are not expected to create any significant adverse environmental impacts. Potential negative impacts are mainly during construction and will be temporary, minor, and localized in extent and can be mitigated to acceptable levels.

Involuntary Resettlement

The Project will require small plots of land for the construction of social and environmental facilities, which will be obtained through allocation of available unoccupied public land, and purchases in the open market. Any person adversely affected by the access restriction and discipline to aquatic, mangrove, and watershed resources will be compensated in accordance with the Restricted Resource Use Framework.

Indigenous Peoples

Information during appraisal suggests that the Project will not cover or affect any area inhabited by indigenous people. If such groups of people are identified as being significantly affected by the Project in any municipality, an indigenous peoples' development plan (IPDP) will be prepared in accordance with the ADB's indigenous peoples' policy, and implementation of project activities in these municipalities will be conditional on ADB's approval of the relevant IPDP.

Stakeholder Communication, Participation, and Consultation

During Project Design

Stakeholder analysis identified the following stakeholders: coastal communities, fisherfolk, civil societies, municipal and provincial governments, and national government sector agencies.

During Project Implementation

A participatory approach in the collection of baseline data relating to the coastal resources was conducted. Livelihood projects were identified with the inputs of the affected communities.

Business Opportunities

Consulting Services

An estimated 369 person-months (pm) of consulting services, comprising about 51 pm international and 318 pm national consultants, will be required to assist the national government agencies, local governments, and local communities in implementing the Project. Consultants will be recruited in accordance with ADB's Guidelines on the Use of Consultants and other arrangements satisfactory for the engagement of domestic consultants.

Procurement

All goods and related services financed under the loan and GEF grant will be procured in accordance with ADB's Guidelines for Procurement.

Responsible ADB Officer

Leonard Leung

Responsible ADB Department

Southeast Asia Department

Responsible ADB Division

Environment, Natural Resources & Agriculture Division, SERD

Executing Agencies

Department of Environment & Natural Resources
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ANALIZA@DENR.GOV.PH
Elliptical Circle, Quezon City
Municipal Devl Fund Office (Implementing Agency)
Roxas Boulevard corner Pablo Ocampo, Sr.
Street, Manila
1004

Timetable

Concept Clearance 29 Aug 2002
Fact Finding 19 Apr 2004 to 25 May 2004
MRM 30 Jun 2004
Approval 23 Jan 2007
Last Review Mission -
PDS Creation Date 03 Mar 2006
Last PDS Update 30 Mar 2017

Grant 0071-PHI
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### Financing Plan

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## Loan 2311-PHI

### Milestones

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Project Page  
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