

Coral Reef Rehabilitation and Management Project (COREMAP 1)



Client

Indonesian Institute of Sciences, Jakarta (LIPI)

Donor

World Bank

Location

Indonesia

Sector

Environment and Natural Resource Management

Project Value

US\$1.9 million

Start Date

February 1999

Completion Date

August 2002

Office Responsible

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Overview

The environment, particularly marine resource management, is a clear priority for the Government of Indonesia. Indonesia's coral reefs are an important source of economic opportunity for millions of people in thousands of coastal villages throughout the country. Sixty percent of Indonesians' dietary protein comes from the sea, much of it from reef fish.

The protection and sustainable management of Indonesian coral reefs is important for fisheries, tourism, natural heritage and shoreline protection.

In the last two decades, the condition of these reefs dramatically declined. Overfishing, including use of cyanide and explosives to catch reef fish, pollution from poorly regulated development, heavy tourist traffic, and lack of environmental education in coastal communities led the Government of Indonesia to prioritise the rehabilitation and management of this vital resource.

The key goals / outcomes of COREMAP 1 were to:

- establish a viable framework for a national coral reef management system in Indonesia;

- institute Surveillance and Enforcement mechanisms;
- support community-based coral reef management; and,
- establish alternative income generation activities for fishers.

Approach and Cardno's Role

Working with local communities in pilot areas of South Sulawesi, Maluku and Irian Jaya, the Project (COREMAP 1) tested a range of community based options for the sustainable management of marine resources.

Reef-watchers trained in surveillance skills monitored illegal fishing and destructive fishing practices. Additionally, funds were made available through local NGOs to support the development of alternative income generation activities for fishers to manage coastal resources in a sustainable manner.

Cardno Emerging Markets managed the project and provided advice on coral reef strategy and policy development; community-based coral reef management; monitoring, control and surveillance of coral reefs; data systems development; marine park management; alternative income generation analysis; commercial business analysis; legal advice; and project design.