



3RproMar

Reduce, Reuse, Recycle to Protect the Marine Environments and Coral Reefs (3RproMar) Pilot Project in Manado

Introduction

The regional project "Reduce, Reuse, Recycle to Protect the Marine Environments and Coral Reefs" by GIZ, in collaboration with the Association of Southeast Asian Nations (ASEAN), aims to strengthen the framework of several ASEAN countries to reduce the leakage of waste from land to the sea.

This regional project has national components implemented in Indonesia, Cambodia, Vietnam, and the Philippines. The collaboration aims to enhance the capacity of stakeholders, including the public sector (government) and the private sector, and promote regional exchange in the ASEAN region to reduce waste disposal into the sea. The outputs of this project are as follow:

National Governments establish procedures for participatory planning steps to reduce waste leakage into the sea.

ASEAN working group representatives dealing with marine debris and plastic pollution have a better understanding of approaches to reduce the sources of marine debris on land.

Enhanced value chains for private sector efforts to reduce waste leakage into the sea.

Implementation experiences for improved prevention and management of plastic waste are disseminated further.

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 **The ASEAN Secretariat**
3RproMar Project, GIZ ASEAN Office

3RproMar Pilot Project

The city of Manado has been selected as the implementation site for a pilot project in Indonesia. Manado is surrounded by the Sulawesi Sea, Philippines, and the Pacific Ocean to the north; the Maluku Sea to the east; Tomini Bay to the south; and Gorontalo Province to the west. The population of Manado is approximately 430,133 people. The Bunaken National Park is located 3 kilometers from the coast of Manado. This marine park is one of Indonesia's first national parks and one of the tourist destinations around the Likupang Super Priority Destination (DSP).

The pilot activities in Manado consist of 4 work packages:



Integrated waste and plastic waste management, which will address challenges in waste management and develop household waste services or similar efforts in line with sustainable development. The city government will be supported with planning instruments that enable better, comprehensive, and forward-thinking waste management services, prioritizing improving basic waste management services and material separation for recycling. One intervention in this work package is the development of comprehensive technical instruments and support to provide references and guidelines for plastic waste management in the Master Waste Management Plan to be developed. The expected outcome of this intervention is to support efforts in meeting relevant indicators related to the Adipura indicator and support the integrated master waste management plan for Manado City.

Work Package 1



Patterns of plastic production and consumption and strategies for change to promote a circular economy related to plastic, considering potential options involving stakeholders. One intervention in this work package is the development of strategies to change activities from upstream production to retail and usage of goods that lead to reduced plastic pollution, taking into account policies from the central government and stakeholders, including the private sector, as key actors for sustainable improvement. The intervention is expected to support the drafting of regulations for reducing single-use plastic consumption in Manado City as a follow-up to the guidance of the Minister of Environment and Forestry Regulation No. 75/2019 on the Roadmap for Waste Reduction by Producers, where local governments (cities) are encouraged to support efforts to reduce single-use plastic consumption in the retail and food/beverage sectors. This will also be an effort to reduce the generation of single-use plastic waste that is difficult to process and accumulates in landfills.

Work Package 2



Collection and recycling processing with the participation of the informal sector aimed at increasing the capacity for the collection, recovery, and processing of recyclable materials involving the informal sector. Some focuses of this work package are increasing recycling capacity and maintaining plastic in the value chain, as well as adapting and strengthening the resilience of the plastic recycling value chain to ensure the success of capacity enhancement. The intervention is expected to support the strengthening of the role of waste banks in driving the collection of recyclable waste, both in terms of regulations and technical aspects. It also aims to attract the potential role of the private sector, particularly brand owners, in supporting the collection of plastic packaging waste through collaboration with waste banks or the city government.

Work Package 3



Behavior change strategies aimed not only at changing the perception and behavior of residents regarding waste but also consumption patterns that have short and long-term positive impacts on plastic pollution. The interventions will focus on information and knowledge about current consumption behavior and perceptions of plastic consumption and management to develop locally integrated approaches to change residents' behavior towards reducing plastic pollution. Developing an integrated behavior change strategy will also be aligned with existing national or local messages and campaigns. This intervention will likely strengthen the role of community and religious groups in supporting a minimal-waste lifestyle or wise waste management.

Work Package 4

Financing Arrangements for Pilot Activities in Manado City

The financing of pilot activity implementation follows GIZ's framework and project management procedures. In addition to the support of expert consultants (GOPA Infra and PT Dharma Ina Mandiri) in implementing the pilot activities, including travel expenses, accommodation, and office costs, several relevant budget items for Manado City are as follows:

a

Equipment. An allocated budget of €70,000 (approximately IDR 1.1 billion) is provided for the procurement of equipment that supports the improvement of waste collection, sorting, and processing for partners during the implementation of the pilot activities. The consultant will determine the details and specifications to obtain GIZ's approval.

b

Workshops, Education, Meetings, and Training. A minimum allocation of €45,000 (approximately IDR 740 million) is designated for at least 15 activities, including workshops, education, meetings, and training. The budget covers meeting packages (refreshments), translation services, catering, materials, and travel expenses for "partner experts" (subsistence costs, accommodation, and travel). The definition of "partner experts" does not include government officials from the Ministry of Environment and Forestry (KLHK), local authorities, or provincial officials.





L. to r waste sorting and collection
Photos: © GIZ/ Nurul

c,

An allocated budget of €100,000 (approximately IDR 1.6 billion) direct grants is available to support the implementation of pilot activities in Manado City for the first demonstration plot or allocated to NGOs/other active local organizations working in the informal sector of plastic waste management.

d,

An allocated budget of €80,000 (approximately IDR 1.3 billion) direct grants is designated for at least five (5) programs that support innovative initiatives from local businesses or organizations to reduce plastic usage, minimize plastic waste, or enhance plastic waste recovery. These grants can also be directed toward community awareness-raising efforts like video production.

e,

Grants will be given to eligible organizations as recipients. The form and mechanism of allocation and selection of grant recipients will be determined later. The consultant will allocate these grants based on the grant guidelines issued by GIZ. The utilization of this budget allocation includes the procurement of goods and services financed following GIZ regulations, which will be managed and implemented by the consultant appointed by GIZ.



The above budget allocations are fully utilized to implement Work Packages 1-4 in Manado City. To promote the effectiveness and efficiency of the 3RproMar Manado program and activities, it is expected that the implementation of these activities will always be synergized with the priority programs/activities of the City Government that have been allocated or will be allocated in the annual City Budget (APBD) of Manado.



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