



3RproMar Indonesia

3RproMar Indonesia works closely with the Ministry of Environment and Forestry (MoEF) to promote and support the transition towards a circular economy in Indonesia. This includes strengthening policy implementation from national to local municipalities related to plastic reduction by conducting capacity building or workshops, engaging the private sector, and supporting community-based waste and plastic reduction business models.

National Component

The Indonesian government has set three targets to be achieved by 2025: reducing marine plastic debris by 70%; reducing waste at the source by 30%; and increasing the waste handling rate to 70% as stipulated in **President Regulation 83/2018**. Simultaneously, the **Ministry of Environment and Forestry (MoEF)** has issued **PERMENLHK P.75/2019 on the Roadmap Plan Waste Reduction by Producers**. Hence, 3RproMar also focus to enhance private sector engagement and address plastic reduction obstacles through study, discussion, capacity building, and pilot projects.

Actions



Fostering collaboration through dialogue in the National Stakeholder Forum (NSF)

The Indonesian NSF connected multi stakeholders to exchange knowledge and showcase best practices initiatives.

- 1st NSF focused on policy dialogue to advance plastic circularity and address marine litter, highlighting contributions from the **private sector (EPR and plastic credit)**, cities' initiatives (proper fee and waste management), and strategies to monitor marine litter.
- 2nd NSF emphasized the national targets for **plastic waste reduction, addressing challenges, opportunities, and ways forward**. It covered the EPR policy, the global plastic treaty, reuse/refill initiatives, and the circular economy in integrated Solid Waste Management (SWM) in cities.



Localising National Regulation and Enhancing the Waste Management in Cities

- Together with local governments of 98 cities under the Association of Mayors in Indonesia (APEKSI), a **policy brief** is arranged for stronger initiatives in reducing plastic waste.
- Another **capacity building in calculating the waste management fee** is also planned.



Strengthening the Implementation of Waste Reduction Roadmap Plan Regulation (PERMENLHK P.75/2019)

Alongside with the MoEF, there are several approaches to enhance the EPR initiatives by implementing P75, such as:

- Addressed the **Frequently Asked Questions (FAQs)** and guidelines related to P75 through a free, online handbook, available on MOEF's Waste Reduction Directorate website along with a P.75 coaching clinic, collaborating with the Indonesian Packaging Recovery Organisation (IPRO).
- Identifying producers' distribution of packaging goods and market share, in order to increase producers' compliance to reduce packaging waste. Through this study, producers can develop a stronger strategy to address plastic waste throughout the business cycle, from production to consumption to disposal.
- **Developing the next steps of EPR regulation** after P75 ends in 2029, considering the existing ecosystem, opportunities, and challenges.



Milestones

1

The national implementation is working with three directorates of MoEF focusing on **Waste Reduction, Waste Handling, and Marine Litter Monitoring** making 3RproMar able to work from upstream to downstream approach to address reduction of plastic leakage. Aligning with the local government with translation of local approach for better implementation in cities.

2

3RproMar's private sector engagement work component has managed to **enhance private sector's EPR initiatives, including major multinational companies** such as Coca-Cola Europacific Partners, Unilever Indonesia, and Danone. Furthermore, the project engages with the SMEs around Candi Borobudur, a heritage site in Central Java area, in partnership with **Taman Wisata Candi**. We aim to increase their capacity in reducing packaging waste through environmentally friendly packaging design for food and beverage products.

3

Developing new pilot projects, titled the "Integrated Private Sector Initiatives to Prevent Waste and Optimize Plastic Material Cycles" through local subsidy funding-based projects with our 2 (two) local partners as follows:



Increasing capacity of women entrepreneurs and waste bank communities in Kepulauan Seribu, Jakarta

- Promoting reuse and refill products in local stalls to reduce sachet waste.
- Capacity building for stall owners and travel services provider in to promote the more sustainable business products.



Incentivizing brandowners' packaging return using Digital Deposit Return System (DDRS) in Bandung, West Java

- Providing packaging disposal network equipped with a **digitalized blockchain system**. The network will rewards individuals and businesses that properly dispose of waste.





Manado City

Led by the Manado Waste Task Force of the Environmental Agency, assisted by GOPA Infra, and involving the public and private sectors, 3RproMar in Manado aims to **effectively reduce plastic leakages** to the environment, particularly from **waterways**.

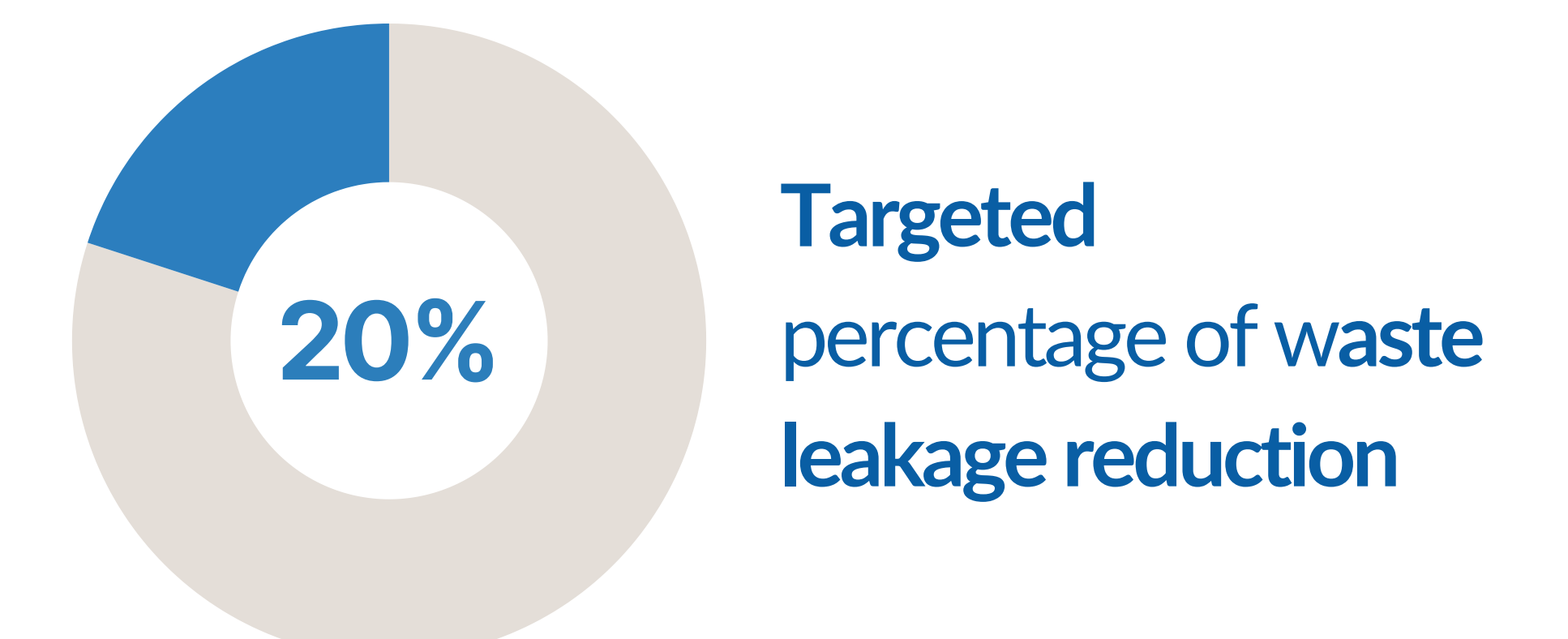
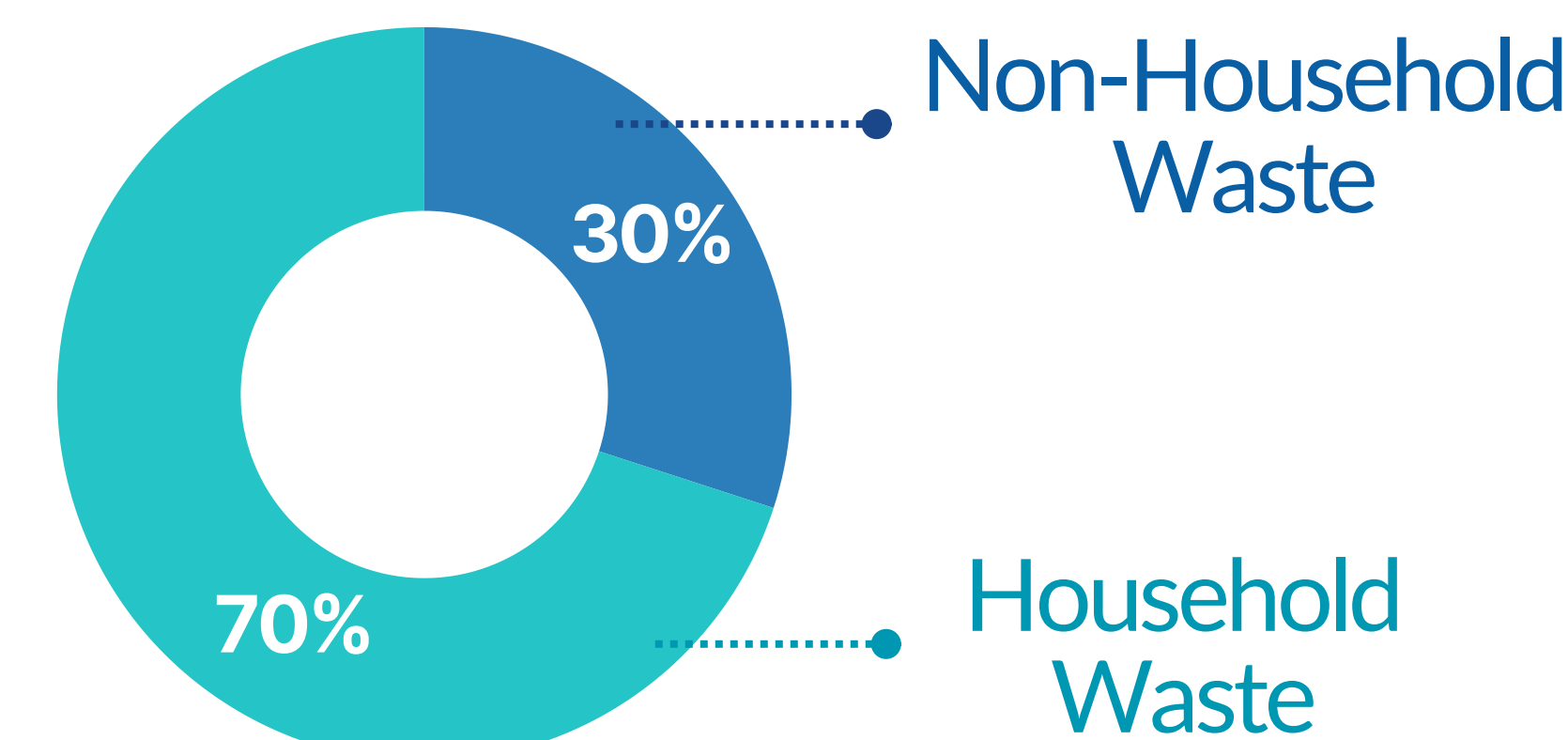
 **454,000**
Inhabitants

 **157.26 km²**
Area

 **277 tons**
waste generated daily

 **230 tons**
waste to landfill daily

 **0.61 kg** /capita/day
Municipality Solid Waste



We play a crucial role in implementing waste management policies and regulations, but it's true we cannot work alone. We need to come together to address waste issues. We need others: NGOs, CSOs, universities, the private sector, and the public to work hand in hand successfully to reduce plastic waste in Manado.
(Andrei Angouw, Mayor of Manado City)



I'm happy to see every stakeholder showing their attention and concern for reducing plastic waste in Manado. It demonstrates awareness of protecting the environment and shows how much the well-being of everyone in Manado matters.
(Ina Lepel, Ambassador of the Federal Republic of Germany to Indonesia, ASEAN and Timor-Leste)



We need to show great respect to the informal sector in Manado, who are the frontline warriors in reducing waste. Our task now is to integrate the informal sector into waste management planning, leveraging their practices and experiences, while striving to enhance efficiency and improve the living and working conditions of those involved.
(Drs. Dasrul Chaniago, MM., ME., M.H., The Environment and Forestry Ministry's ocean and coastal pollution management Director)



My heart asked me to continue raising awareness about plastic reduction. To amplify the impact, I'm encouraging more youth to get involved. I trust the process; eventually, we will see Manado free from plastic waste.
(Amelia Tungka, plastic reduction organization CV Sinar Daur Gemilang Manado)

Boosting Local Innovation

In Manado, there are many actors from private sector and civil society that fight against plastic pollution. 3RproMar supports five initiatives that have been selected through an **innovation fund scheme**. These initiatives range from the installation of **recycling vending machines** that incentivize plastic recycling, to the deployment of **floating barriers** designed to intercept plastic waste before it reaches the ocean, and the **revitalization of a community-based waste sorting facility** in an underserved area.



Multistakeholder Cooperation

Under the 3RproMar project, various stakeholders, including the **government, private sector, NGOs, CSOs, and the informal sector**, have collaborated to establish **comprehensive actions** on waste management and plastic reduction in Manado City. Different stakeholders inspire further action, and agreements could be addressed to end plastic waste. This process has resulted in an **Integrated Solid Waste Management work plan** and approaches that guide the Waste Management Task Force in reducing plastic waste.



Road Ahead



The **Integrated Solid Waste Management Document** made collaboratively and supported by GIZ, will guide Manado's journey in decreasing 20% of plastic waste.



The Government of Manado City, alongside CV Sinar Daur Gemilang encourages the young generation from the pilot schools to reduce the use of single-use plastic bottles. **3,000 students are expected to take part** in this behavioral change action.



During certain seasons, trash overflows several rivers in Manado. At this time, we will boost the utilization of a **'trash barrier'**. No Trash Triangle Initiative, supported by GIZ, will lead this activity. Optimistically, the barrier will prevent 252 tons of waste, or 1,260 waste leakages annually, from flowing into the sea.

Contact Persons

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