



Issue No. 2 | December 2023

## 3RproMar Newsletter



### Updates on combatting marine debris within ASEAN

A service by GIZ project 3RproMar – Reduce, Reuse, Recycle – protect marine environment and coral reefs

Dear Readers,

I am honoured to present this 3RproMar newsletter that highlights our shared mission to protect the marine environment by reducing the leakage of land-based waste into the ocean.

Plastic pollution represents an imminent threat to ASEAN's ecosystems, marine life, and the health of its people. The Southeast Asian region, characterised by extensive coastlines and remarkable marine biodiversity, faces this dire challenge. It becomes increasingly evident that ASEAN plays a pivotal role in addressing the issue of plastic pollution.



Dr. Vong Sok, Head of Environment Division, the ASEAN Secretariat

We are pleased that Germany, through 3RproMar, supports ASEAN to address this crucial challenge, contributing to the implementation of the ASEAN Regional Action Plan for Combating Marine Debris. As an ASEAN-Germany project, 3RproMar operates in the ASEAN region at three critical levels, namely regional, national and local/site levels, making significant contribution to a systematic approach to address this complicated problem.

GIZ is working closely with the Environment Division of the ASEAN Secretariat and AMS, and we are proud to share some progress and achievements, especially at the country and site level. The efforts and commitment of ASEAN in addressing marine pollution have been well recognised and brought more attention at the international level.

I hope that the Readers will gain valuable information and knowledge from this newsletter. As we conclude this year, I extend warm holiday wishes to all of you and a good start into 2024. We are delighted to carry forward our collaborative efforts into the coming year, working alongside our strong partners, as we collectively strive for a cleaner, healthier marine environment.

Please enjoy the read

Yours,

**Dr. Vong Sok**  
**Head of Environment Division, the ASEAN Secretariat**

#### **VIDEO SPOTLIGHT: VIETNAM**

- » 3R to minimise waste leakage in the Mekong Delta

#### **REGIONAL ACTIVITIES**

- » Empowering ASEAN for the Global Plastics Treaty
- » 2023's Milestone Event: Summary Booklet

#### **CAMBODIA**

- » Grassroots Approach for a Waste-Free Future

#### **INDONESIA**

- » Female Empowerment on Thousand Islands
- » Indonesia's 2nd National Stakeholder Forum
- » Progress in Combating Waste Crisis in Manado

#### **PHILIPPINES**

- » The 2nd National Stakeholder Forum
- » Circular Connect Competition
- » 3RproMar Guimaras Officially Launched

#### **VIETNAM**

- » Policies & Waste Technologies for a Circular Economy
- » Baseline Study in Tran De Province

#### **EVENTS**

### **Video Spotlight: Vietnam**

## **3R - Reduce, Reuse and Recycle to minimise waste leakage in the Mekong Delta**



3RproMar Vietnam aims is to strengthen the technical, institutional, and cooperative capacity of relevant stakeholders, enabling them to effectively implement #3R strategies to control #plastic leakage, especially towards the Mekong river. We are happy to showcase our projects approach in this video. (Click picture for the video)

## Regional activities

### Empowering ASEAN for the Global Plastics Treaty

3RproMar's Support for the International Legally Binding Instrument (ILBI) on Plastic Pollution, Including in the Marine Environment.

The 3RproMar project is conceptualised as a bridge connecting formal policy advice with the practical experiences of direct implementation, combining a unique approach to policy advice at the regional and national levels with direct implementation experience in the pilot sites. The international community has realized the importance of combatting plastic waste. In the framework of the United Nations, the so called “Plastics Treaty” - also known as International Legally Binding Instrument on Plastic Pollution including the Marine Environment (ILBI) – is currently being discussed. It addresses the critical challenge of ocean plastic pollution through a mix of mandatory regulations and voluntary measures. The ILBI's development, marked by three pivotal INC sessions, has sparked global preparations for negotiations integral to its success.





International experts discussed the ILBI in Jakarta, October 16th © GIZ

With regards to the INC processes, 3RproMar's unique strategy has the potential to seamlessly integrate insights derived from a national perspective into the broader international discourse surrounding the framework of ILBI. The project, in coordination with the ASEAN Secretariat and other ASEAN partners such as the World Bank, takes the opportunity to enhance its engagement with ASEAN and ASEAN Member States (AMS) to support collaborative actions in these processes.

Amidst this global effort, 3RproMar is supporting the harmonization of ASEAN's position with ILBI objectives. Coordinating with AMS, 3RproMar facilitated two key milestones: a comprehensive ILBI briefing for ASEAN Senior Officials on Environment (ASOEN) during the ASEAN Coordinating Meeting for the Third INC (INC-3) on October 16th and a breakout session the following day at the ASEAN Conference on Combating Plastic Pollution (ACPP) in Jakarta. 3RproMar's comprehensive strategy supports ILBI implementation through various levels of engagement. It involves regional ASEAN capacity building, national policy alignment in Cambodia, Indonesia, the Philippines, and Vietnam, emphasizing private sector collaboration, local community empowerment, and policy advocacy—illustrated through the ACPP event. Moving forward from INC-3, 3RproMar's partnership with ASEAN catalyses future cooperation. As the world seeks a plastic-free environment, sustained efforts and collaboration are imperative. Anticipating continued partnerships and innovative strategies, the collaboration promises a concerted global effort, ensuring a cleaner, sustainable future for our oceans and planet.

# BREAKOUT ROOM

ASEAN CONFERENCE ON COMBATTING PLASTIC POLLUTION  
Enhanced Synergies and Collaborative Actions to Combatting Plastic Pollution,  
Including to The Marine Environment

Shangri-La Hotel Jakarta  
17 October 2023



Several panels discussed the different dimensions of the global plastics treaty © GIZ

## 2023's Milestone Event: The 2nd Regional Workshop

A Summary Booklet Published to Distribute Main Results.

As a regional project 3RproMar especially aims to find a regional solution to combat the plastic crisis. A core activity are our Regional Workshops that bring together experts, policy makers, and stakeholders from ASEAN. 2023 marked a significant milestone for our project with the successful hosting of the 2nd Regional Workshop, "Reduce, Reuse, Recycle to Protect the Marine Environment and Coral Reefs" (3RproMar), in Bali. This event, a cornerstone in our efforts, brought together over 100 in-person and virtual participants from various sectors across ASEAN, fostering a platform for knowledge exchange and discussions on marine plastic pollution and circular economy.



The 2nd Regional Workshop Summary Booklet is a valuable resource for the topic of marine litter © GIZ

The booklet serves as a valuable resource, offering summaries of each session, key takeaways, and a thorough exploration of the strategies and initiatives discussed. It is an essential read for anyone

interested in understanding the progress and future directions in combating marine plastic pollution in the ASEAN region.

**Link to the booklet:**

» [2nd Regional Workshop Summary Booklet](#)

## 3RproMar Cambodia

### Grassroots Approach for a Waste-Free Future

Cultivating a Culture of Responsible Waste Management in Cambodia

The 3RproMar team is seizing the momentum to inspire a holistic approach to waste management at the grassroots level, and raising awareness has been a driving force behind this change. The project has supported initiatives at the national and local levels through training, dialogue, and creative forms of communication, such as videos, billboards, and print materials.

The collaboration with various stakeholders, particularly with the younger generation is thriving, as a new cohort of enthusiastic ambassadors from the New Generation School has joined the fight against the country's waste problem. By equipping the youngsters with a thorough understanding of the 3Rs (Reduce, Reuse, Recycle), the project empowers them to share their knowledge with their immediate families, neighbours, and classmates. The students visited the Cambodian Education and Waste Management (COMPED), a waste processing facility, to witness firsthand how non-recyclable plastics collected from rivers and communities are dried and compressed in preparation for use as an alternative fuel in cement production. Non-recyclable plastics are those that are too contaminated with dirt or soil, making washing them a laborious and water-intensive process.

The youth also delved into upcycling processes with "Trash is Nice." They gained hands-on experience in transforming discarded materials into valuable products. The workshop included identifying resin types of plastics and understanding the degradability of various plastic materials. The upcycling experience not only taught the students valuable skills but also inculcated in them a deeper appreciation for the value of waste. They realized that discarded materials are not simply the end-of-life for plastic wastes, but rather resources that can be transformed into something beautiful and purposeful. This newfound respect for waste has inspired them to advocate responsible resource management.





3R Youth Ambassadors posing together after a day of learning © GIZ

In tandem with the youth initiatives, the 3RproMar Kratie Pilot Project, funded by BMZ and implemented by The Asia Foundation (TAF) on behalf of GIZ, tackled waste management in Kratie Municipality to curb plastic leakage into the marine environment.

To facilitate waste segregation, 58 bins were strategically placed in schools and local supermarkets in Kratie, including in Koh Trung Island. Yellow bins were designated for PET bottles, while black bins were designated for general waste. Koh Trung, an island community nestled amidst the Mekong River, stands opposite the bustling riverfront of Kratie. The island comprises 406 households, which constitutes one of the town's five Sangkats (communes).

The project's overarching strategy revolves around minimizing waste disposal by channeling recyclables to local buyers and composting a significant portion of organic waste on the island itself. Waste earmarked for disposal is transported to the mainland and subsequently to the municipal landfill. This strategy aligns seamlessly with the Ministry of Environment's Zero Waste guideline, which aims to empower small communities to effectively manage their waste.



BMZ and the 3RproMar representatives visiting Koh Trung © GIZ

The 3RproMar team also continues to push the Behavior Change Communication (BCC) strategy in solid waste management in Kratie. Along with TAF, the strategy sought the expertise of Phare Creative Studio, a local social creative enterprise, to amplify the impact of communication. The BCC's slogan "No More Waste, It Starts With You!" underscores the importance of individual responsibility to adopt more sustainable practices. The approach is consultative as outreach is done regularly to gain insights from the residents, teachers, tourists, and entrepreneurs. Sangkat Rokar Kandal and Krakor have already been covered and outreach will continue until all areas are reached. Digital platforms and prints are utilized to meet all target groups and keep the dynamics of discussion flowing.

## 3RproMar Indonesia

### Female Empowerment on Thousand Islands

Female Community Influencers Play a Key Role in the Transition of the Thousand Islands Towards "Circulating Islands".

One of 3RproMar's pilots is the "Circulating Island" in Kepulauan Seribu – the Thousand Islands, a region close to Jakarta. This project is a collaboration between 3RproMar and DCA Divers Clean Action (DCA), an Indonesian NGO actively involved in waste reduction since 2017. "Circulating Islands" aims at advancing the Extended Producers' Responsibility (EPR) ecosystem on the islands by introducing "reuse and refill" stores, integrating segregated waste transportation, and launching a public campaign to promote the EPR ecosystem.

Within this collaboration, small-scale reuse and refill stores focus on selling necessary products, with waste bank groups acting as environmental influencers to promote refillable and reusable items. This approach encourages community members to shop at environmentally friendly stores, benefiting from promotions and incentives. The collaboration involves female environmental influencers and entrepreneurs as community actors in Kepulauan Seribu, not just contributing but also increasing their capacities for environmental change. Initiated in October 2023, the pilot project conducted a baseline survey to measure various components, highlighting the roles of female community influencers and entrepreneurs.





Visit of Waste Bank on Thousand Islands with representatives from German Embassy © GIZ

The active involvement of environmental influencers and entrepreneurs has gained recognition from the local government, the Ministry of Environment and Forestry (MoEF), the Provincial Government of DKI Jakarta, the Provincial Environmental Agency, and the German Embassy of Indonesia, ASEAN, and Timor-Leste. Their contributions were acknowledged during the pilot kick-off event in October 2023, with further recognition from a visit by the German Embassy in November 2023 to a participating waste bank and reuse-refill store, commending their efforts in waste prevention and management.

## Indonesia's 2nd National Stakeholder Forum

Towards achieving the national targets on plastic waste reduction in Indonesia

In Indonesia, 3RproMar partnered with the Ministry of Environment and Forestry (MoEF) in holding its 2nd National Stakeholder Forum to strengthen the collaborative efforts under the theme “Dialogue Towards Achieving the National Targets on Plastic Waste Reduction: Challenges, Opportunities, and Way Forward.” With 154 offline and 157 online participants, the collaborative spirit to achieve the nationally and internationally set targets emphasises a collective shift toward a circular economy, redefining plastic as a renewable and reusable resource.



GIZ ASEAN Cluster Coordinator with the Director General for Solid Waste, Hazardous Waste, and Hazardous Substances Management (PSLB3), MoEF ©GIZ

Indonesia faces a pressing issue of plastic waste leakage into the ocean, affecting its vast coastlines and marine ecosystem. As such, a key foundation of the forum was strategizing. We banded together to regroup and exchange strategies, but most importantly to allow all stakeholders to align their activities to remain on track in achieving the targets. With the presidential regulation on marine debris handling document as a guiding hand, this strategic framework emphasizes law enforcement, funding strategies, and the critical aspect of research and development, key aspects of maintaining course in this fight against plastic.

Taking on the role of overseeing the national strategy, the MoEF's commitment to "Zero Waste, Zero Emissions" by 2025 is pivotal in instilling proper waste management from its source, encouraging the design of recyclable plastic packaging, and promoting the reuse of plastics. Integrating circular economy principles, such as mandating 20% recycled content in plastic packaging and limiting single-use plastics at the municipal level, is essential for achieving these targets. As a step forward, this needs to be pursued together with strengthening the national strategy policy (Jakstranas).

As might be expected, national to local-level strategies do not come without differences and challenges. Therefore, collaboration remains a crucial feature. Developing leadership capacity and fostering commitment for harmonization among village heads, mayors, and higher authorities is crucial. This collaboration aims to address gaps stemming from varying fiscal capacities, human resources, industrial and tourism conditions, population sizes, and the scale of existing problems. Regardless, several municipalities like Regency Banyumas and Surabaya city are also involving community with circular economy spirit to allow upstream – downstream approach and keep the system sustainable and function effectively, showing positive progress.



Panelists for talkshow session 2 – Can Reuse and Refill Schemes become Solutions to Reduce Plastic Waste in Indonesia ©GIZ

A large portion of marine litter in Indonesia, mostly originating from land, take the form of sachets. Sachets come from producers. Hence, ample opportunity was also given to the private sector to pitch into the discussion, underscoring the significance of the reuse and refill business as a crucial solution for waste reduction in Indonesia and emphasising P75/2019 as the national framework for EPR for the producers to follow. While acknowledging the challenges faced by this sector, including logistical constraints and the need for proper infrastructure, stakeholders emphasised the need for government support through incentives, regulation, and encouragement of investment.

Essentially, there is a need for a fundamental rethink across all levels, from public to private and from policymakers to producers, to remain on track in achieving the targets. The forum served as a pivotal platform for these discussions, focusing on the role of reuse and refill schemes. It delivered a clear call to action for policymakers, producers, and the public to unite in their commitment to achieving national targets and ushering in a new era of sustainable plastic use in Indonesia.

## Progress in Combating Waste Crisis in Manado

3RproMar Indonesia's Pilot Project 1 which takes place in Manado, Sulawesi Utara, has made many major milestones!

The local government of Manado is acting against a waste crisis in the city due to insufficient waste services, widespread littering, and landfill fire burns. Representatives of the local government, facilitated by GIZ, have been tracking actions and solutions as the basis of Manado city's short and long-term strategic plans.

Lieke Tambunan from DLH Manado City reaffirms the government's commitment to concrete action, emphasizing 'We have a significant task ahead—not only to raise awareness about waste and plastic pollution but also to maintain the health of our area, benefiting both people and the environment.'

A strategic action plan has been drafted, targeting the reduction and eventual banning of single-use plastic bags and disposable products. The draft set for public consultation on December 8, involves a comprehensive strategy engaging stakeholders from government, private, informal sectors, universities, and religious organisations. The focus ranges from production to consumer usage, aiming to bolster recycling rates and promote reusability while cultivating mindful plastic consumption





The winners of the grant scheme are committed to work for a cleaner Manado ©GIZ

Acknowledging the pivotal role of local stakeholders, the GIZ innovative grant has been awarded to Perkumpulan Manengkel Solidaritas, No Trash Triangle Initiative, CV. Satu Tamba, CV. Daur Sinar Gemilang, and Waus Energy for their impactful waste reduction initiatives. These organizations plan to expand their efforts by establishing waste collection hubs, installing river barriers to trap plastic waste, introducing recycle vending machines, conducting educational campaigns, and employing technology to transform plastic into valuable resources.

As Manado currently grapples with the inadequate collection and disposal of approximately 9.65 tonnes/day of plastic, alongside 3.5 tonnes/day entering waterways, the project aims to slash both by 20%. The 3RproMar Manado's Innovation Fund Scheme supports local stakeholders in developing innovative ideas to manage plastic waste effectively.

The coordinated efforts between the government, organizations, and local stakeholders underscore a collaborative approach aimed at mitigating the plastic pollution crisis in Manado, striving for a healthier environment and a sustainable future.

## 3RproMar Philippines

### The 2nd National Stakeholder Forum

Mobilizing Innovations and Local Stakeholders to Reduce Marine Littering at the Community Level.

The 2nd National Stakeholder Forum of the 3RproMar project in the Philippines unfolded with positive enthusiasm on November 15-16, 2023, in the bustling Quezon City, garnering active participation from 129 representatives from the government, private sector, civil society and non-

government organizations and academe. The event was organized to share best practices along the circular plastic value chain, discuss the implementation progress of the 2022 Extended Producer Responsibility (EPR) law, and celebrate innovative ideas put forth by students in the Circular Connect Competition, with awards being presented to the visionary minds.

The event's hashtag "#LetsGoCircularRRR" inspired all to explore strategies to "mobilize innovations and local stakeholder participation" in order to reduce marine littering at the community level. During program opening, Honorable Mathias Kruse Deputy Head of Mission of German Embassy in Manila and Attorney Zoilo Andin Jr. – on behalf of the Department of Environment and Natural Resources (DENR) – highlighted the need to strengthen mechanisms to enable the plastic value chains sustain its effort on packaging and plastic waste management, increase material recovery and drastically reduce waste leakages in the ocean, especially in remote islands and fisherfolk villages in the Philippines.



Participants at the 2nd National Stakeholder Forum of 3RproMar Philippines ©Niña Abogado

The event also featured a dynamic gathering with various exciting activities which enabled the active participation of all stakeholders. Among these are the expert's panel discussion which provided an insight on critical issues affecting EPR implementation including rethinking of government and private sector role to advance compliance with the law; Video presentation to raise local voices and showcase best practices on 3RproMar and gallery walk workshops to deliberate critical questions, challenges, and solutions to reduce marine plastic. A plenary discussion also allowed exchanges of ideas among stakeholders to promote collaboration and stronger partnerships to increase EPR implementation and build awareness on 3RproMar.

## Circular Connect Competition

Innovative Solutions for a Sustainable Future: Celebrating the Winners of Circular Connect.

The launch of the Circular Connect competition on July 27, 2023, in the vibrant Bacolod City marked the beginning of an innovative initiative, with the support from the Sector Network on Transport, Environment, Energy, and Water in Asia (TUEWAS) and in collaboration with Circular Cities Asia (CCAsia). To conclude the competition, the top three teams were chosen to present their winning ideas and be awarded at the 3RproMar 2nd National Stakeholder Forum on November 15, 2023.

The top three teams of the competition were from: 1) La Consolacion College Bacolod with "Sustainify's app." The app offers a solution that allows network local plastic recovery hub linked with



app users for easy drop-off of segregated plastic waste and users earn rewards and vouchers in exchange of the collected plastic waste. Plastic wastes are also transported to the partner recycling centers forming a closed-loop system that diverts waste from landfills and promotes a sustainable lifestyle; 2) Central Philippine University with “Clean Flow: One River at a Time.” By applying a circular design concept, the proposed idea uses a floating boom to efficiently capture and contain waste, streamline the processes of collection, audit waste, and practice segregation. The project can also serve as a flood mitigation measure to stop trash clogging waterways, preventing overflow, and avoid wastes reaching the seas. Through this strategy, adverse impacts of continuous flooding on life, livelihood, and businesses can be mitigated and can promote a healthier environment through boosting community's economy through community gardening using local compost; and 3) University of the Philippines Visayas with “UPgrade Tracking system.” UPgrade aims to strengthen community waste disposal tracking system to change the waste disposal behavior of households. The system offers an information management system with capability to link various plastic value chains in the EPR system, allows generation of a summary report to track and identify company brands of collected wastes at the barangay level. The report can be submitted to the Municipal Environment and Natural Resources Office to support tracking of EPR law implementation.

The students' ideas were also featured as posters during the gallery walk, inviting participants to engage and to raise questions about the proposed localized solutions. Possible collaboration with the local government and private sector were also discussed during the gallery walk, fostering an environment of dialogue and collective action.



University faculty representatives working together in identifying Solid Waste Management issues. © GIZ

## 3RproMar Guimaras Officially Launched

Signing of Memorandum of Agreement with the Provincial Government of Guimaras.

On August 30, the 3RproMar project and the Province of Guimaras joined hands in a Memorandum of Agreement (MoA) signing. The island of Guimaras, which is home to the Taklong Island Marine Reserve (TINMAR) – a marine protected site – was selected as the pilot site for the 3RproMar project in the Philippines.

The signing ceremony drew a distinguished audience, including the Governor of Guimaras, Hon. JC Rahman A. Nava, MD, the involved Mayors and their representatives from the municipalities of Jordan, Buenavista, Nueva Valencia, San Lorenzo and Sibunag. GIZ-3RproMar Project Manager, Dr. Johannes Paul, GOPA Team Leader, Klaus Hanuschke and GENRO Head, Leonardo Pasiderio



were also present during the said event together with representatives from the PENRO, DENR-EMB Region 6 and other project partners.



Dr. Johannes Paul of GIZ-3RproMar together with representatives from the Province of Guimaras ©GOPA Infra

The objective of this MoA is to reduce negative impacts on climate and marine environments through the transmission of national efforts and strategies for waste leakage reduction in selected pilot areas in Guimaras Island. To better understand the current situation in Guimaras, a baseline assessment was done using three different methodologies, one of which is the Waste Flow Diagram (WFD) tool. The WFD tool helps visualize municipal solid waste management system material flows to quantify amounts, sources and fates of waste leakage into the environment.

Findings from the waste leakage analysis in Guimaras were shared on the second day of the 3RproMar 2nd National Stakeholder Forum. Andreea Baias, GOPA Consultant, conducted a training session on the rapid assessment for mapping waste flow and quantifying plastic leakage using the Waste Flow Diagram.

## 3RproMar Vietnam

### National Stakeholder Forum: Stakeholders on Policies & Waste Technologies for a Circular Economy

3RproMar Vietnam's Multistakeholder Platform as Part of Technology Expo



The audience filled the hall to join the discussion on EPR implementation and PPP for projects in the waste field. © Rx Tradex Vietnam

Vietnam has made notable progress in turning the tide against plastic by promulgating the National Action Plan for Management of Marine Plastic Litter by 2030 in 2019, aiming to reduce 50% of marine plastic litter by 2025. Coordination between public and private actors is crucial to this endeavour. The authorities face challenges in regulating and promulgating regulations and policies regarding Extended Producer Responsibility (EPR) implementation and public-private partnership (PPP) models, while private players also struggle to implement them. Both sides seek opportunities to voice their opinions and seek guidance from the other, and 3RproMar has created a stakeholder platform for meaningful actions.



Stakeholder forum attendees toured Binh Duong Water – Environment Corporation's plant and learned about its waste treatment methods and processes. © Rx Tradex Vietnam

From November 22-24, 2023, the largest waste management conference and exhibition took place at the WTC Expo in Binh Duong province, Vietnam. It featured keynote presentations, case studies, panel discussions, and showcased the most advanced technologies under the theme 'Waste and



Recycling Vietnam Confex 2023: The roadmap to creating a viable circular economy – 2030 and beyond".

3RproMar, in coordination with RX Tradex Vietnam, organized its National Stakeholder Forum as part of the WRV Confex 2023 event with the message of urging businesses to understand and implement future policies, applying suitable waste treatment solutions in the production process towards a circular economy.

Over 400 delegates from central and local government agencies such as the Vietnam Agency of Seas and Islands (Ministry of Natural Resources and Environment), Public Procurement Agency (Ministry of Planning and Investment) or Soc Trang's province Department of Natural Resources and Environment, international organizations, associations, accompanying units, and a multitude of exhibiting units enjoyed the vibrant activities. The panel discussion on the upcoming mandatory application of regulations on EPR was held with government representatives, leading producers/recyclers in the industry and international experts. Afterwards, the panel on the challenges and roadmap to best practices and resources for reaching PPP projects in waste collection, treatment and recycling in Vietnam gathered a lively discussion among the audience.

## Baseline Study in Tran De Province

Establishing a Starting Point for Impact Designing and Evaluation in the Mekong Delta



Waste auditing at an open dumping site in Tran De district revealed the consumption and disposal practices of locals.  
© GIZ

In Vietnam, the 3RproMar pilot project takes place in Tran De Town, Soc Trang province, a Mekong Delta downstream province. 3RproMar intends to turn the tide against plastic waste by reducing 20% of Tran De's plastic waste leakage into the marine environment during its implementation.

To materialize this goal, an initial assessment of the current waste management and plastic waste leakage in Tran De was conducted with a survey using the Waste-Flow-Diagram (WFD) tool developed by GIZ. The expert team mapped the flow of solid waste from generation, on-site treatment, collection, transportation, recovery, recycling and disposal. The analysis elaborated on the waste management systems and processes, alongside relevant stakeholders from the public & private sectors.





Local Women Union receives training to support GIZ in collecting inputs for the baseline study in Tran De district © GIZ

The collection rate in Tran De Town is about 89.1%, with the Soc Trang Public Works Company (SPWC) accounting for 73.8%, the informal waste collectors accounting for 15.3%, and the uncollected waste rate being 10.9%. The plastic waste generated is approximately 1.05 tons per day.

The status survey provides a database on the waste flow in Tran De Town, allowing for the joint development of solutions by GIZ and the local Department of Natural Resources and Environment to prevent plastic leakage. Points of intervention involve increasing collection rate in unserved households in small alleys, communication on waste segregation, regular clean-up campaigns with households, Youth and Women Unions, and constructing and implementing the Material Recovery Facility (MRF) models in plastic hotspots, to name a few. For waste management authorities, GIZ plans to support, for instance, building a roadmap for waste segregation at source, and enhance capacity with seminars, training sessions, exchanges and study tours.

## Upcoming Events

- **January 2024:** Planning workshop with Soc Trang province
- **March 2024:** 3RproMar Regional Workshop, Philippines (tbc)
- **April 15th - 18th, 2024:** World Circular Economy Forum, Brussels
- **May 13th - 17th, 2024:** IFAT Munich 2024 (Trade Fair for Water, Sewage, Waste and Raw Materials Management)

## Useful Links

### 3RproMar Project Page:

» <https://www.giz.de/en/worldwide/129342.html>

### ASEAN Environmental Hub:

» <https://environment.asean.org/>

### kNOwWaste Knowledge Platform:

» <https://knowwaste.net/>

## Regional Knowledge Centre for Marine Plastic Debris:

» <https://rkcmpd-eria.org/>

## International Knowledge Hub Against Plastic Pollution:

» <https://ikhapp.org/>



3RproMar team wishes all involved partners happy holidays and a good start into 2024

[Contact](#)

[Disclaimer](#)

[Recommend this newsletter](#)

[www.giz.de](http://www.giz.de)



### Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Registered offices  
Bonn and Eschborn, Germany

Friedrich-Ebert-Allee 32 + 36  
53113 Bonn, Germany  
T +49 228 44 60-0  
F +49 228 44 60-17 66

Dag-Hammarskjöld-Weg 1 - 5  
65760 Eschborn, Germany  
T +49 61 96 79-0  
F +49 61 96 79-11 15

E [info@giz.de](mailto:info@giz.de)  
I [www.giz.de](http://www.giz.de)

#### Registered at

Local court (Amtsgericht) Bonn, Germany: HRB 18384  
Local court (Amtsgericht) Frankfurt am Main, Germany: HRB  
12394

VAT no. DE 113891176  
Tax no. 040 250 56973

#### Chairperson of the Supervisory Board

Jochen Flasbarth, State Secretary

#### Management Board

Thorsten Schäfer-Gümbel (Chair)  
Ingrid-Gabriela Hoven (Vice-Chair)  
Anna Sophie Herken

#### In charge of this newsletter:

Frederik Caselitz, [frederik.caselitz@giz.de](mailto:frederik.caselitz@giz.de)

#### Editor(s):

Frederik Caselitz, [frederik.caselitz@giz.de](mailto:frederik.caselitz@giz.de)  
Riskha Hasan, [riska.hasan@giz.de](mailto:riska.hasan@giz.de)  
Bonang Rahardjo  
Demas Laswanda

#### With contributions from:

3RproMar project team, Florian Schmidt, Soklin Meng, Nguyen Thi Thuc Anh, Maricris Elemos, Indarwati Aminuddin



**Photo Credits:**

© GIZ, if not indicated differently

Title image: ©GIZ

If you no longer wish to receive this newsletter, please click [here](#).