



INSPIRING INITIATIVES TO REDUCE PLASTIC WASTE

To protect the marine environment from plastic pollution, the “Rethinking Plastics – Circular Economy Solutions to Marine Litter” project works jointly with its partners towards a circular economy for plastics in East and Southeast Asia. It supports more than 20 pilot projects implemented by non-profit organisations in China, Indonesia, the Philippines, Thailand and Vietnam. They test new approaches and up-scale good practices against marine littering in three areas until February 2022:

Sustainable Consumption and Production of Plastics, including Reducing Single-Use Plastics

Improvement of Plastic Waste Management

Reducing Marine Litter from Sea-based Sources, for example through Managing Waste from Ships and Fishing-for-Litter Initiatives



“Rethinking Plastics – Circular Economy Solutions to Marine Litter” is co-funded by the European Union and the German Federal Ministry for Economic Cooperation and Development (BMZ) and implemented by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) and Expertise France.



Please meet the “Rethinking Plastics” Pilot Projects:

LESS PLASTIC PACKAGING IN DELIVERIES

E-commerce and online orders are on the rise – making life easier but also generating more packaging waste from deliveries. In cooperation with leading companies, the pilot tests reusable packaging options that might be expanded to the whole industry.

Implemented by: Shenzhen University and China Federation of Logistics & Purchasing (CFLP)

📍 Hainan Province, China

PROMOTING ENVIRONMENTALLY FRIENDLY CONTAINERS

In China, disposable packaging boxes and plastic bags are used frequently to transport fruit and vegetables from farmers to retailers. The pilot explores standardised recyclable and reusable containers.

Implemented by: Qingdao Zhongke Yinghua Technical Research Institute

📍 West Coast New District, Qingdao City, Shandong Province (QWCND), China

INNOVATIVE PLASTIC MULCH FILM COLLECTION

In China’s agricultural sector, mulch films are often used to cover cultivated areas or patches. To avoid that they remain on the farmland and soil, a better collection and recycling system is envisaged.

Implemented by: Research Center for Rural Economy, Ministry of Agriculture and Rural Affairs

📍 Kailu County, Inner Mongolia Autonomous Region, China

A BETTER COLLECTION OF DRINKING BOTTLES

The coastal city Xiamen in Southeast China is active for a better recycling of plastic products. As for plastic bottles, a deposit return scheme is explored for new and better collection and recycling modes.

Implemented by: China Association of Circular Economy (CACE)

📍 Xiamen City, Fujian Province, China

IMPROVING SHIP WASTE MANAGEMENT IN CHINESE COMMERCIAL PORTS

The ports of Tianjin and Shanghai belong to the biggest and most important ports in China. The pilot works on improving their ship waste management based on international experiences and develops recommendations for other ports as well as for future policies.

Implemented by: Transport Planning and Research Institute (TPRI), Ministry of Transport (MOT); National Marine Data & Information Service (NMDIS)

📍 Shanghai Port and Tianjin Port, China

FISHING FOR LITTER IN HAINAN

The pilot project explores options for Fishing for Litter activities in Hainan, in which garbage from the sea is brought back to and disposed on land. It works closely with selected fishing ports and the fishing community.

Implemented by: Hainan Research Academy of Environmental Sciences

📍 Hainan Province, China

LESS PLASTIC WASTE IN INDONESIAN MARKETS

For a long time, markets worked without plastics. The pilot uses traditional and new approaches to switch from single-use to reusable bags, straws, cutlery and food containers on land and floating markets in the cities of Bandung and Banjarmasin.

Implemented by: The Indonesia Plastic Bag Diet Movement – Gerakan Indonesia Diet Kantong Plastik (GIDKP)

📍 Bandung City and Banjarmasin City, Indonesia

SINGLE-USE PLASTIC FREE SCHOOLS

New habits thanks to more knowledge are a key guidance for the single-use plastic free school programme. It increases the knowledge and awareness of school children for plastic pollution risks and sustainable alternatives.

Implemented by: Making Oceans Plastic Free e.V.

📍 East Java and Lombok, Indonesia

PARTNERSHIP FOR PLASTIC WASTE RECYCLING

Public authorities, recycling companies and informal waste collectors partner to improve plastic waste collection and sorting in the city of Semarang. The goal is to reduce plastic waste, increase its recycling and get valuable insights on the way to implement an Extended Producer Responsibility (EPR) system.

Implemented by: Bina Karta Lestari (BINTARI) Foundation

📍 Semarang City, Indonesia

SUSTAINABLE WASTE MANAGEMENT IN MALANG CITY

Indonesia takes steps towards an Extended Producer Responsibility (EPR) system for packaging. Key learnings for it are expected from activities in Malang City, which integrate a better waste segregation in households, exemplary local champion initiatives and training for waste management stakeholders.

Implemented by: Center for Southeast Asian Studies (CSEAS)

📍 Malang City, East Java, Indonesia

ECORANGERS TACKLING MARINE LITTER

EcoRangers join forces to tackle marine litter: They enable and encourage local fishers, communities and tourists to join Fishing for Litter initiatives, which reduce plastics in the ocean.

Implemented by: Greeneration Foundation

📍 Banyuwangi, East Java, Indonesia

CLEAN FISHING PORTS

More than 700 fishing vessels are based at Tegalsari fishing port. The pilot improves the solid waste management in the port and on the vessels so that more plastic waste can be brought back and properly handled on land.

Implemented by: Destructive Fishing Watch (DFW)

📍 Tegal City, Central Java, Indonesia

INDONESIA



PROMOTING INNOVATIVE AND SUSTAINABLE PACKAGING

Goodbye single-use: The pilot promotes innovative packaging for reuse and from alternative materials. It develops criteria for an ecolabel for sustainable packaging and tests them with a supermarket chain.

Implemented by: Philippine Center for Environmental Protection and Sustainable Development, Inc. (PCEPSDI)

📍 Iloilo City and Bacolod City, Philippines

WALA USIK ECONOMY – NOTHING IS WASTED

‘Wala Usik’ means ‘nothing is wasted’ and adapts the principles of zero-waste and circular economy to the local context. The pilot involves micro, small and medium enterprises, such as sari-sari stores, eateries, canteens and restaurants, in innovative circular economy approaches and plastic reduction initiatives.

Implemented by: Philippine Reef and Rainforest Conservation Foundation, Inc. (PRRCFI)

📍 Bacolod City and Talisay City, Negros, Philippines

REDUCTION OF PLASTIC WASTE IN ILOILO CITY

The City of Iloilo focusses on reducing plastic waste through sustainable packaging design and an improved plastic waste management. The pilot identifies the way forward and tests local, sustainable alternatives to single-use plastics.

Implemented by: Central Philippine University (CPU)

📍 Iloilo City, Philippines

IMPROVING SHIP WASTE MANAGEMENT IN PHILIPPINE PORTS

Batangas port moves to improve the treatment and reception of waste in the port, for example through an advanced waste notification system and updated procedures and regulations.

Implemented by: Partnerships in Environmental Management for the Seas of East Asia (PEMSEA)

📍 Batangas Port, Philippines

PHILIPPINES



LESS PLASTICS IN PHUKET

Phuket, Thailand’s largest island, aims to reduce and better manage the amount of plastic waste in businesses and households. Alternatives to single-use plastics are for example explored with the food delivery and tourism sectors.

Implemented by: Phuket Environmental Foundation

📍 Phuket, Thailand

A CIRCULAR ECONOMY FOR ISLANDS

The island of Koh Libong is important for wildlife and marine biodiversity, as it is the largest seagrass area in Thailand and home for dugongs. To conserve this precious marine environment, the pilot partners work with local communities and the tourism sector to avoid and manage plastic waste.

Implemented by: International Union for Conservation of Nature (IUCN)

📍 Koh Libong, Trang Province, Thailand

HOUSEHOLDS FIT FOR RECYCLING

Local communities, schools and stakeholders along the plastic value chain engage for a better segregation and collection of plastic waste. The goal is to enhance its recycling rate and therewith reduce plastic leakage into the ocean.

Implemented by: Faculty of Engineering of Chulalongkorn University

📍 Rayong Province, Thailand

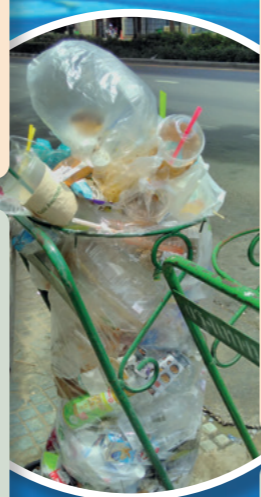
THAILAND

SHIP WASTE MANAGEMENT 2.0

The pilot develops an online platform for a better ship waste management in Bangkok Port. Moving towards efficient mandatory ship waste notification and financing structures helps to reduce illegal waste dumping into the sea.

Implemented by: Energy Research Institute of Chulalongkorn University


📍 Bangkok Port, Thailand



A SUPERMARKET ALLIANCE TO REDUCE SINGLE-USE PLASTIC BAGS

Free of charge single-use plastic bags are still available in a lot of shops in Vietnam. The pilot encourages to reduce and replace single-use plastic bags through an alliance of committed retailers and awareness raising activities in Hanoi.

Implemented by: Institute of Strategy and Policy on Natural Resources and Environment (ISPONRE)

 Hanoi, Vietnam

ENHANCING PLASTIC PACKAGING COLLECTION, SORTING AND RECYCLING

In Ho Chi Minh City, the pilot aims to increase the collection, sorting and recycling of plastic packaging including in residential areas, schools, offices and supermarkets. With its experiences, the pilot contributes to the development of an Extended Producer Responsibility (EPR) system for packaging in Vietnam.

Implemented by: Institut de Recherche pour le Développement (IRD) and Hanoi University of Architecture


 Ho Chi Minh City, Vietnam



A BETTER SHIP WASTE HANDLING IN VIETNAMESE PORTS

An efficient ship waste management is key to reduce illegal dumping of ship waste into the sea. To meet standards and best practices from ports around the world, existing regulations and operations at Cat Lai Port are assessed and improved.


Implemented by: Expertise France in cooperation with VINAMARINE

 Cat Lai Port, a part of New Saigon Port in Ho Chi Minh City (HCMC), Vietnam

VOLUNTEER TEAM: ENGAGING THE FISHING COMMUNITY IN PLASTICS COLLECTION

The local fishing community gets support to build a team of volunteers who collect and bring back waste caught while fishing.

Implemented by: Expertise France and the society of fisheries in cooperation with the Ministry of Agriculture and Rural Development

 Phu Yen Province, Vietnam

More information:
<https://beatplasticpollution.eu/rethinking-plastics/>



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