

Working together to mitigate marine plastic debris.



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Federal Ministry
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Based on a decision of
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Working together
to mitigate
plastic waste



PLASTIC
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PLASTIC PROGRAM NEWS

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Project Mitigating marine plastic debris in Viet Nam (BMU) approved under Decision no. 1426/QĐ-BTNMT dated July 02, 2020, by the Minister of Natural Resources and Environment. The Project is funded by German Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection. The project is expected to contribute tackling the incidence of negative impacts imposed by plastic waste on Viet Nam through facilitating the development of guidelines on policy advocacy and communication programs to capacity building, awareness raising and behaviour change, towards the mitigation of marine plastic debris. The project constitutes a potential contributor to the reduction of marine plastic debris in Viet Nam and the materialisation of the National Action Plan for Marine Plastic Debris Management in Viet Nam by 2030. The project is jointly implemented by the Viet Nam Agency of Seas and Islands, Ministry of Natural Resources and Environment, WWF-Viet Nam and local partners in 9 provinces/cities from October 2019 to December 2023.

Project “Hue - A Plastic Smart City in Central Viet Nam” (TVA) was built with the funding of WWF-Norway (through WWF-Viet Nam) and received by the Hue City People’s Committee. The goal of the project is to support the city in protecting its rivers and the ecosystem of its wetlands and coastal areas from plastic waste pollution, through a series of interventions with the participation of stakeholders including private-public sectors, and local communities, with the aim of reducing 30% of plastic waste leakage by 2024. The project is implemented over 4 years, from 2021-2024 with the ambition of making Hue become a plastic smart city by 2030.



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COMMUNICATIONS

(BMU)

Launching Viet Nam Sea and Islands Week and Environmental Month with activities to clean up the sea and environment

Activity code: 1.3.2.1_2023 and 1.2.1.1_2023

In response to World Environment Day (June 5), World Oceans Day (June 8), and Viet Nam Sea and Islands Week in 2023, the Ministry of Natural Resources and Environment (MONRE) organized several meaningful and practical activities. mobilize the participation of people, making an important contribution to raising the community's awareness of the importance of seas and islands, and encouraging organisations, individuals and communities to take action to preserve and promote the values of marine resources and the environment of Viet Nam.

On June 4, the launching ceremony was held in Lan Chau island, Cua Lo town, Nghe An province. On this occasion, the project collaborated with the Center for Communication of Natural Resources and Environment, under the MONRE organised the activity "Cleaning up the sea", and broaden the messages to reduce ocean plastic waste and promote the project's image during the Island



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Week's events. Attending the program were representatives of MONRE, leaders of Nghe An province, leaders of WWF-Viet Nam, representatives of ministries, central and local organisations and more than 500 officials of women's union and youth union in Cua Lo town. About 3 tons of garbage were collected, contributing to cleaning up the marine environment through practical actions. Through this activity, the community and people are also motivated about the responsibility to protect the environment and reduce the use of plastic, joining hands to protect the marine environment and create a cleaner and more beautiful landscape.

Promoting communication for the 2nd negotiation session of the Intergovernmental Negotiating Committee on Global Agreement on Plastic Pollution (INC-2 session)

From May 15 to June 3, the Project collaborated with WWF International

and other countries to simultaneously spread strong communication messages



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from the second negotiation session of the Intergovernmental Negotiations Committee on Global Agreement on Plastic Pollution (INC-2 session). Ten press agencies reported the content of WWF's press release, calling on governments to support global bans and phase out single-use plastic products with 'highest and unnecessary risks' - such as plastic cutlery, e-cigarettes and microplastics in cosmetics - ahead of the UN negotiations on plastic pollution treaty in Paris. In addition, a communication campaign was also carried out on the Project fan page, with nearly 50,000 approaches, 10,000 interactions and 24,500 video views.

Communication about the Project through press channels

Activity code: 1.2.1.1_2023

Responding to World Environment Day (June 5) and World Oceans Day (June 8), the Project has been reported by many national television channels, including VTV1, VTV4, and VTV2. Specifically, the representative of the Project participated in VTV2's "White Pollution" talkshow to discuss challenges in reducing plastic waste in Viet Nam. At the same time, the roadmap and methods of waste management and policy recommendations to strengthen efforts to reduce ocean plastic waste in Viet Nam were also shared by the project representative at the Talks. Besides, also during Viet Nam Seas and Islands Week (June 1-8), the Project collaborated



© VTV1

with the Center of Information and Environment Communication under the Ministry of Natural Resources and Environment to integrate plastic reduction messages in propaganda articles about the importance of the environment in general and the ocean in particular to life, ecosystems and human livelihoods.

Launching the Plastic Bag Free World Day

Activity code: 1.2.2.2_2023



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In 2009, the Bag Free World has officially chosen July 3 every year as the International Day of No Plastic Bags with the aim of encouraging consumers to reduce the use of plastic bags, promoting eco-friendly solutions around the world. In response to the International Day of No Plastic Bags, the project in collaboration with the Institute of Strategy and Policy on Natural Resources and Environment and the Hanoi Department of Industry and Trade organized the Day of No Use of Plastic Bags in Viet Nam on 3/7. On the day of the event, members of the

Alliance of Retailers to reduce single-use plastic bags such as TH true mart, Central Retail, MM Mega Market Viet Nam, AEON Viet Nam, LOTTE Mart Viet Nam, mobilized customers do not use plastic bags at the system of stores and carry out communication activities to raise public awareness about the harmful effects of plastic waste. Within this event, the project also supported the implementation of 02 media videos to encourage people to reduce the use of single-use plastic bags at supermarkets and retailers.



© Top Market



POLICY AND EXTENDED PRODUCER RESPONSIBILITY

(BMU)

Consultation workshop on the Draft Technical Guidelines for domestic solid waste separation

Activity code: 2.1.1.1_2022

Consultation workshop to collect opinions of localities on the Draft Technical Guidelines for separation of domestic solid waste at source, which has been organized by the Department of Environmental Pollution Control - Ministry of Natural Resources and Environment (MONRE) on May 26, 2023, in Ho Chi Minh City and June 2, 2023, in Hanoi under the support of the Project and the National Plastic Action Partnership in Viet Nam (NPAP) in Viet Nam. Attending the workshop were representatives of the Provincial Departments of Natural Resources and Environment and representatives of local solid waste collection, transport and treatment agencies and scientists/experts in the field of environment, waste management, relevant organizations and individuals.

Chairing two seminars, Dr. Hoang Van Thuc, Director of the Department of Natural Resources and Environment, said that Article 79 of the Law on Environmental Protection 2020 assigned the MONRE to provide technical guidance on the separation of domestic solid waste. Efficient waste separation at source will help increase the reuse and recycling of waste and discharged products, make the most advantage of the product's value, prolong the life cycle of products and materials, promote the EPR mechanism



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and minimise the amount of waste needed to be treated.

Participants in the workshop discussed and shared lessons learned to contribute to finalising the Technical Guidelines. This guidance is expected to be issued in the third quarter of 2023. The workshop participants also expected the Technical Guidelines will soon-to-be issued as the baseline support Provincial People's Committees issued their waste separation regulation, ensuring compliance with the Law on Environmental Protection and guiding documents.

Support the Viet Nam delegation to participate in INC2

Activity code: 2.3.1.1_2023_VASI



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The second session of the Intergovernmental Negotiating Committee (INC2) to discuss the legally binding instrument on Plastic Pollution took place from May 29 to June 2 in Paris, France. The session brought together representatives from 180 countries and more than 600 relevant organisations worldwide. Viet Nam has nominated a Delegation group consisting of 13 members who are representatives of the Government Office, the Ministry of Natural Resources and Environment, Ministry of Foreign Affairs, Ministry of Industry and Trade, and the Ministry of Justice. Under the activity framework in 2023 and at the Ministry of Natural Resources and Environment requested, the Project granted travel support for 03 delegates to attend the event.

In addition to the logistical support, the Project also provides technical information to the Viet Nam Delegation, including reports, research on plastic pollution and the importance of the global treaty on plastic pollution. WWF's technical reports classified the groups of high-risk plastic products causing environmental pollution and recommended available global measures to eliminate, reduce, recycle and safely manage all these plastic products. (more information: <https://bit.ly/3Ozbieg>)

These are valuable references and have been used by the Negotiating Delegation during exchanging and debating with other countries about plastic pollution and expressing national positions. After the negotiation, according to the Report of the Negotiating Delegation, Viet Nam is one of Asia Pacific countries that respect and comply with the Group's statement contributed to the International Legally Binding Instrument on Plastic Pollution.

After days of negotiation, despite intense discussions and divergence opinions from different groups of countries, INC2 has achieved its immediate goal of developing the Zero Draft of the international binding instrument, expected to be published in October this year. The project welcomes these results and will continue supporting Viet Nam in actively discussing with countries worldwide to work together towards eliminating plastic pollution and protecting human health.

Consultation workshop on the Draft Report on State of Plastic Waste 2022

Activity code: 2.1.1.3_2022

On April 12, 2023, at the Annual Meeting of the Working Group of the National Plastic Action Partnership in Viet Nam (NPAP), the project's consulting group presented the key finding of the Report on State of Plastic Waste 2022 in the session of strengthening multi-stakeholder cooperation to promote the circular economy of plastics. The workshop was chaired by senior leaders of the Ministry of Natural Resources and Environment, and attended by WWF-VN, UNDP, GPAP, companies and corporations of the NPAP Working Group in Viet Nam.

Methods and findings from the Report continue to receive attention from government management agencies, scientists, and relevant organisations. This report was also used as a reference for the Viet Nam delegation participating



© NPAP

in the second negotiation session of the Intergovernmental Negotiating Committee in Paris to obtain information on the current state of plastic waste in Viet Nam for further international discussions.

After consultation with scientists and management agencies, the Report continues to be updated and finalised. The Report is expected to be published in the third quarter of 2023.

Establish an extended producer responsibility (EPR) mechanism for packaging

Activity code: 2.1.4

As a pioneer and active partner in advocating and supporting the establishment of an extended producer responsibility (EPR) mechanism in Viet Nam, the Project has contributed to information and recommendation on EPR in Viet Nam since 2019. To promote EPR

implementation in Viet Nam, the project continued to share about the recycling market, the EPR mechanism for the packaging industry and its impacts on the environment, society and economics, and how the mechanism works. The project recognises that the implementation of an



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EPR mechanism has a significant influence on different industries. Therefore, the current EPR regulations in Viet Nam are developed carefully based on consultation and reference to international experience in countries with similar conditions (such as Korea, Taiwan, etc.) to implement and address context-based specific challenges in the country effectively.



PLASTIC SMART CITIES

(BMU)

Localities of the project respond to World Environment Day

Responding to World Environment Day 2023 of “Solution for plastic pollution” and conveying the message together to build a sustainable lifestyle, reduce plastic waste, harmonise with nature, effective usage of natural resources, and conserve biodiversity, the Plastic Smart Cities under the project have simultaneously deployed meaningful activities including:

- Green Living Festival in Kien Giang organised by the Department of Natural Resources and Environment (MONRE) of Kien Giang province and the Project on June 4, 2023, in Rach Gia city;
- The launching ceremony of the “Beach clean up” campaign in Phu Yen - a coordination activity between the Project and the Department of Natural Resources

and Environment of Phu Yen province held on June 4, 2023, in Hoa Xuan Nam commune, Dong Hoa town, Phu Yen province;

- A meeting to respond to World Environment Day was organised in Hong Thai commune, A Luoi district, on June 5, 2023, and a launching of cleaning up activity in the whole A Luoi district by the Youth Union.
- A launching ceremony at the district level to respond to Environment Month 2023 was organised in Thanh Khe district on June 10, 2023, in which the project contributed two activities: Setting up waste recycling collection booths and removing waste pollution hotspots at downstream of Phu Loc River.

Kien Giang Green Living Festival



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On June 4, 2023, the Project accompanied the Department of Natural Resources and Environment of Kien Giang Province, the People's



Committee of Rach Gia City, and the Youth Union of Kien Giang Province to organise the Environmental Festival of Kien Giang Province in response to the World

Environment Day in 2023 at the Cultural Center of Kien Giang Province. The event attracted the participation of more than 600 people. Some of the main activities in the event include: Exchanging garbage for trees or eco friendly products; Using indigenous microorganisms (IMO) and mixing IMO with organic waste to grow trees; Using IMO to make microbiological dishwashing liquid and cleanser;

Demonstrating green products, melaleuca shell paintings, recycled products; Setting up learning booths about plastic and solid waste classification. Local enterprises supported this event by participating in interactive games... This activity contributes to raise people's awareness and spreads a message to the community to join hands to build a green - clean - beautiful Kien Giang.

Waste classification model and application IMO in collaboration with Women's Union and COOPMART Supermarket in Rach Gia (Kien Giang)

In order to gradually take advantage of the large amount of organic waste in supermarkets and markets, as well as pilot activities of waste separation at source, the Project has cooperated with the Women's Union (WU) of Rach Gia City, Co.opmart Kien Giang and Co.opmart Rach Gia to implement the centralised organic waste classification and composting model.

In April 2023, 02 training workshops on the negative impacts of plastic waste pollution, reducing plastic waste, sorting waste at source according to the Law on Environmental Protection 2020 provisions, making indigenous microorganisms (IMO) and organic waste composting with IMO was organised for 70 staff of 02 supermarkets. Then, the Project provided 05 composting bins per supermarket for organic waste, which were collected and sorted by the staff.



© Facebook of Co.opmart Kien Giang's Youth Union

To ensure the model's sustainability, it is essential to define the roles of each relevant party. The Project plays the initiating role, providing financial support to equip compost bins and materials at the beginning and technical support during the implementation of the model. Co.opmart supermarkets directly implement the waste classification under the project's instructions. The Women's Union assigns members to participate in the operation of the compost bin (including IMO production), the collection of leachate (water-based microbial fertilisers) and organic fertilisers. In addition, an amount

of organic fertiliser is also used for planting at the supermarkets' area.

After more than 02 months of implementation, the model has had positive results. The amount of waste composting is increased, and hundreds of kilograms of organic waste at each supermarket has been treated. The project continues to coordinate with the parties to monitor and adjust the operation, evaluate the model's effectiveness, and develop a plan for replication in other areas.

Continue to support A Luoi district (Thua Thien Hue province) to find solutions to treat Hong Thuong landfill pollution



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From June 1, 2023, to June 3, 2023, the Project organised a study tour on the "Co-treatment of waste" solution in three localities (Ho Chi Minh City, Tien Giang and Binh Phuoc provinces) for representatives of the People's Committee leaders, relevant departments of A Luoi district and some technical staff of WWF-Viet Nam. The participants in this study tour

had the opportunity to work on the approach and technical process of Co-processing of waste in cement kilns by Asia Environment Company (a pioneer in providing this solution in Viet Nam). In addition, the participants also visited the systems of the co-treatment process, including waste pre-treatment zones (Go Cat landfill, Binh Tan, HCMC, and Thanh Binh dumping site, Cho Gao, Tien Giang) and Binh Phuoc Cement Factory.

"Co-treatment of waste in cement kilns" is a non-recyclable waste treatment solution currently being used and promoted by many international organisations such as the World Commission on Environment and Development (WCED), the Basel Convention, and the European

Cement Association (CEMBUREAU). The A Luoi District People's Committee has also approved this solution for waste treatment in the Hong Thuong waste landfill (Dispatch No. 672/UBND-VP dated May 18, 2023).

In this context, on June 15, 2023, the Project cooperated with A Luoi District People's Committee to organise a workshop on "Solutions for waste treatment of Hong Thuong landfill in A Luoi district, Thua Thien Hue province" to connect and mobilise stakeholders' participation and support (technical and financial) for Hong Thuong landfill. More than 30 delegates from the Viet Nam Environmental Protection Fund, Viet Nam Administration of Seas and Island, Provincial Department of Natural Resources and Environment, enterprises (Asian Environment, MID), Leaders of

People's Councils and District People's Committees and other departments/related organisations of A Luoi attended in the Workshop.

The solution of "Co-treatment in cement kilns" for pollution treatment in Hong Thuong landfills proposed by Asia Environment Company received the highest consensus of the participants. In conclusion, A Luoi District People's Committee will direct the Office of Natural Resources and Environment to continue coordinating with the Project, Asia Environment Company and related agencies to implement the solution. In addition, a call for a project proposal supported by the Viet Nam Environmental Protection Fund has also been suggested and proposed for the case of the Hong Thuong landfill.

Training courses on extensive IMO applications for households in A Luoi district

With the support of the Project, in the second quarter of 2023, the Women's Union (WU) of A Luoi district hosted 08 training courses on waste separation at source and production of indigenous microorganisms (IMO) for household organic waste treatment. 480 members of the Women's Union representing households from 16 communes/towns attended the training courses.



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In addition to sharing and guiding on technical processes, participants in the training program could directly practice IMO production for practical application in their households after the training. Accordingly, at the end of the 08 training courses, 320/480 members (representing 320 households) registered to take part in piloting waste classification and organic waste treatment by IMO in households soon. The Project continues to support these households (through District WU) with the necessary supplies and materials to implement the model.

The expansion of the model of garbage classification and organic waste treatment at households is one of the Project's priorities for the A Luoi area in 2023. The model is an essential premise for the locality to develop a plan to classify domestic waste in the area shortly in accordance with the Decision No. 12/2023/QĐ-UBND dated March 7, 2023, of the People's Committee of Thua Thien Hue province on the promulgation of "Regulations on management solid waste management in Thua Thien Hue province".

Promoting recyclable waste collection through the model "Social Security Vase" in Thanh Khe district (Da Nang)

In the second quarter of 2023, the Project continues to support the Women's Union (WU) in Thanh Khe district to promote the model of a "Social welfare vase" (sell collected recyclable bins to raise funds for social welfare for members). Accordingly, the Project handed 55 vases to the district WU for further deployment to the Union's smaller facilities.

Thus, 310 "Social Security Vases" (in which the Project supports 85 units) are being implemented in 10 district wards. This model is one of the very effective operating models (the funds raised from collecting and selling was up to 583 million VND, according to the 2022 annual report of Thanh Khe WU). This model is significant for environmental protection and its profound humanistic meaning. It



© Thanh Khe Women's Union

has received a warm response and spread among the WU members around Thanh Khe district.

Workshop “Environmental education and plastic waste reduction in schools of Thanh Khe district in 2023”



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The workshop “Environmental education and plastic waste reduction in schools of Thanh Khe district in 2023.” was organized by the Thanh Khe District Education and Training Office in collaboration with the Project on May 12, 2023. The purpose of the Workshop was to summarize and evaluate the results of the “Plastic waste free school” model that has been supported and implemented by the Project at 06 schools in the district and discuss and determine the direction for the implementation of environmental protection activities for the education sector in the coming time. More than 60 participants who were representatives of the School Boards and leaders of Children’s Organizations of all Kindergarten, Primary and Secondary schools in the district attended the Workshop.

The delegates shared and discussed many interesting topics, especially from the Schools, which focused on difficulties

and challenges in implementing activities to build a school without plastic waste. Concluding the Workshop, the office of Education and Training recognized and highly appreciated the support of the Project and the Center for Adaptive Capacity Building (CAB) for the district’s Education sector in the implementation of the model; At the same time, committed to continuing to coordinate with the Project to carry out targeted activities shortly such as Building and installing plastic reduction (single use plastic) rules boards at all schools in the district; Replicating the model of “Plastic waste free school” through the launching of a contest “Green - Clean - Bright School” in the district; Researching and integrating content on environmental protection and reducing plastic waste into lectures/main subjects and extracurricular activities of schools in the area....

The model “Han market to reduces plastic waste” with many significant achievements

On April 21, 2023, the Project coordinated with the Da Nang City Department of Industry and Trade (DOIT) to organise a review conference to evaluate the results of implementing the plastic waste reduction plan at the Han market during 2021-2022 and discuss the Plan in 2023. Also at this conference, the representative of the city's (DOIT) announced the official document on the “Han market eco-label” (Document No. 792/SCT-QLCN dated 12/4/2023 on guiding the criteria and the process of evaluation and recognition of eco-friendly stalls at Han market, Da Nang). This document is considered an essential milestone in recognising the efforts of stakeholders (the Project, GreenHub, local departments, and consultants) after more than one year of development and completion of the set of criteria for the Han market eco-label.

Following this initial success, the Plan to implement the model “Han market to reduce plastic waste in 2023” was also issued shortly after by the Da Nang DOIT (Plan No. 952/KH-SCT dated April 27, 2023). Accordingly, the critical contents in the 2023 work plan focus are: Implementing the assessment and labelling of eco-labels for stalls at Han market; Communication about reducing single-use plastic bags; Promoting the model of “Han market eco-label” widely to the locals; Researching and



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reviewing relevant policies to propose a supporting initiatives for small businesses to participate in the “Eco-label”; And, continuing to implement the Green Sunday program to launch and maintain the implementation of the campaign “Han Market to reduce plastic waste”.

From May 2023 to June 2023, the Project cooperated with GreenHub and other consultants to carry out training activities on implementing Eco-label assessment/self-assessment for Han market's Management Board and small traders under the DOIT guidance. Han market's first small business households are expected to be granted the “Eco-stall” certificate in the third quarter of 2023.

“Hon Yen Green Festival”- Model of Hon Yen - mural village for plastic reduction



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Within the framework of cooperation with the Women’s Union (WU) of Phu Yen province to deploy the model “Hon Yen mural village for Plastic Reduction”, the Project has carried out a series of activities from November 2022 to April 2023, including:

- Training workshops to raise awareness about reducing plastic waste for Women’s Union members and tourism service business households in Hon Yen;
- Mobilizing small businesses to commit to reducing plastic;
- Providing 28 trash bins (240-litre) to enhance waste collection in the area;
- Painting walls on an area of 100m² with propaganda content to mobilize fishermen to bring garbage to shore, to join hands to protect the environment, and to reduce and refuse single-use plastic.

On April 16, 2023, the Project collaborated with Phu Yen WU to organize the “Hon Yen Green Festival”, a summary activity of the model “Hon Yen mural village to reduce plastic”. The festival had the participation of more than 200 people, with provincial leaders, army forces and locals with a series of activities, including a mural painting contest, a campaign to clean up Hon Yen beach, a launching event for Community-Based Tourism in Hon Yen... The purpose of this local festival is not only to call for the cooperation of stakeholders to protect the environment but also to contribute to promoting Hon Yen’s green, clean, beautiful and friendly tourism.

Launching 3rd phase of model to mobilize fishermen to bring garbage to shore in Dong Hoi (Quang Binh province)



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Following and maintaining the successful model of fishermen bringing garbage to shore in Bao Ninh commune, Quang Phu commune and Hai Thanh ward, Dong Hoi City, in 2021-2022, the Project started the 3rd phase of the model in early June 2023. At this stage, the model maintains existing activities, especially bringing garbage from boats to the shore for the Women's Union to sell to raise social welfare funds at the project's

areas. At the same time, the Project added some additional activities to enhance the efficiency of implementation, monitoring and reporting.

In addition, the 3rd phase also focuses on strengthening communication to reduce plastic waste in coastal communities, practising sorting and recycling recyclable waste, and organizing clean-up events on riverside and beach every Sunday. Thereby creating a connection between eliminating emissions at source and maintaining general sanitation on the shore, avoiding plastic waste leakage into the ocean and mobilizing fishermen to bring garbage back to shore. The Project expects the coastal locals and fishermen to join hands to protect the marine environment and develop aquatic resources in Dong Hoi in particular and Quang Binh in general.

Coordinate with Phu Yen Province to remove pollution hot-spots and promote waste management solutions to avoid recurrence

Extensively and thoroughly responding to Phu Yen province's "Clean up the Sea" campaign, the Project has coordinated with the leading local partners: the Department of Natural Resources and Environment (DONRE) and the Phu Yen Border Guard to implement a series of activities in April and May 2023:

- Survey and assess waste hot spots in 4 coastal districts;



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- Discuss with localities to develop a plan to clean up waste hot spots; and implement measures to manage waste and prevent recurrence in the areas.

On June 4, 2023, the Project coordinated with the People's Committee of Phu Yen province to launch a campaign in Vung Ro, Hoa Xuan Nam commune, Dong Hoa town, with the participation of more than 300 provincial and local officials, border guards and Hoa Xuan Nam commune's locals. After the opening ceremony, all the participants collected garbage at Vung Ro beach with a total amount of more than 20 tons of waste, of which 50% was plastic waste.

Following the series of events, on June 6, 2023, the Project continued to accompany the Tuy An District People's Committee to organize the clean-up event at An Hoa Hai beach with the participation of 120 people; the prominent participants are border guards and the locals. Together, they collected nearly 4 tons of waste, 10% of which was plastic waste.

In the coming time, the Project will continue coordinating with localities to implement treatment and management solutions to improve the environment and minimize re-pollution in the hot spots after cleaning.

Ha Tinh market to reduce plastic waste



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As the largest market of the city, Ha Tinh market has nearly 500 small businesses and traders operating daily to meet the needs of locals. It is recognized that this is a source of consuming and emitting a large amount of plastic bags, the project has cooperated with the Women's

Union (WU) of Ha Tinh City to implement the model of "Ha Tinh market to reduce plastic waste". The model focuses on raising awareness of small businesses and consumers to reduce the use of plastic bags or increase the reuse of old plastic bags. The project supported the design and installation of 06 posters about reducing plastic in easily accessible locations and provided 02 cabinets to store clean and old plastic bags for reuse. In addition, the WU and the Project also cooperated with the Management Board of Ha Tinh Market to send messages through the market's loudspeaker system to reduce plastic waste and reuse clean and old bags to reduce emissions.

On May 17, 2023, the Project and the City WU held a communication event to reduce plastic waste at the market. They also launched a model of a reusable plastic bag cabinet with the participation of more than 300 small traders at the market and government leaders. At the event, 400 recycled bags made from old posters and mesh bags were given to small businesses and WU members to replace plastic bags, and at the same time, encouraged members to donate nearly 2 kg of clean and old plastic bags to reuse at the market.

After more than a month of launching and campaigning, up to now, there have been nearly 50 small traders at the market committed to reducing plastic (do not distribute plastic bags indiscriminately, mobilize consumers to reduce the use

of plastic bags when not necessary...); mobilize WU members to collect 3 kg of old and clean plastic bags in the community; mobilize the vegetable stalls to reuse the clean and old plastic bags provided and conduct daily plastic reduction radio broadcasting at the market.

In the coming time, the WU will continue to coordinate with the market management board to communicate, campaign at the market and operate two cabinets to reuse clean and old plastic bags effectively, and at the same time, propagandize and advocate for other WU members around the city about actively reducing the use of plastic bags and other single-use plastics; or increase the reuse of clean and old plastic bags or contribute them to model cabinets at the market.



FISHERIES AND MARINE PROTECTED AREA

(BMU)

Reducing plastic waste to develop sustainable Phu Quoc tourism

Activity code: 4.2.3.4_2023

The project collaborated with the Phu Quoc City Department of Natural Resources and Environment, the Phu Quoc City Department of Culture and Information, the Phu Quoc City Arts and Literature Association, Phu Quoc Clean and Green, the Hoa Binh Ham Ninh Joint Stock Company, and sea transport businesses operating in the area, organized the “Reducing plastic waste to develop sustainable Phu Quoc tourism” communication week from June 1 to June 8, 2023 at Bai Vong port. The week kicked off with a launching ceremony on June 3, 2023.

Some key activities during the week included:

- Installing garbage storage equipment at Bai Vong Port with new sets of sorting and recycling bins.
- Arranging communication posters with QR codes on the handbook “Phu Quoc tourism without plastic waste” at boat stations, in front of boat ticket sales points at Bai Vong, Ha Tien, and Rach Gia ports, and on electric cars that pick up and drop off guests.
- Exhibiting the top 50 most meaningful photos from the 2023 photo contest on environmental protection and plastic waste reduction.
- Launching the “Reducing plastic waste for sustainable tourism development in Phu Quoc” ceremony on June 3, 2023,



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with the participation of leaders of the Phu Quoc City People’s Committee. The ceremony also included awarding prizes for the photo contest and launching a cleaning program at Bai Vong port.

The communication week aimed to raise awareness of the problem of plastic pollution in Phu Quoc and to encourage people to reduce their use of single-use plastics. It was also an opportunity to showcase the city’s commitment to sustainable tourism.

The training workshop on domestic solid waste management policies, waste segregation at source, communication methods, education, and community mobilization to reduce plastic at Tho Chau (Phu Quoc, Kien Giang)

Activity code: 4.2._2023



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On Friday, April 21, 2020, The Project collaborated with the Tho Chau Commune People's Committee, the Phu Quoc Women's Union, and lecturers from Can Tho University, held a training workshop on domestic solid waste management policies, waste segregation at source, communication methods, education, and community mobilization to reduce plastic.

The workshop was attended by more than 40 officials from the commune's People's Committee, mass organizations, self-managed people's groups, and waste collection teams. Participants learned about the harmful effects of plastic waste, the benefits of waste segregation at source, and how to treat waste after sorting. They also learned about how to recover resources from organic waste, reduce, recycle, and reuse single-use

plastic products.

In addition to the theoretical content, participants practiced classifying garbage into three categories: recycled, organic, and remaining.

After the workshop, 18 officials from the Women's Union, Women's Union, and People's Self-Management Group were selected to be community mobilizers. They received training on how to use a checklist to mobilize households to register for the practice of garbage separation and plastic reduction. They were also taught how to write a notebook to monitor and report the results of the household's implementation of the practices.

The community mobilizers were divided into three small groups and each group was tasked with mobilizing 20 households in their villages. The activity was met with approval and response from the majority of the local people. The community mobilizers were motivated by the honor of being recognized for their good work.

This activity is part of a larger effort to reduce marine plastic pollution in Viet

Nam. The Project is working with partners across the country to raise awareness about the issue and to implement solutions. The organization is committed

to working with communities to find sustainable solutions to the problem of marine plastic pollution.

Green station at Ham Ninh commune and Golden Hour-Exchange waste (Phu Quoc, Kien Giang)

Activity code: 4.5.5.2_2023

On April 1, 2023, the Youth Union of Phu Quoc City, The project, the Ham Ninh Commune People's Committee, and the Youth Union of Ham Ninh Commune held the launching ceremony of the "Green Station" at Rach Ham Hamlet. This is the fourth green station built in Phu Quoc city.

The green station was built near the people's market in Ham Ninh commune, where many retailers and local people buy, sell, and exchange goods every day. The purpose of the green station is to collect waste from markets and households in the area in accordance with regulations and hygienically. Three large-capacity public trash cans have also been arranged at the station along with images and slogans to raise people's awareness of environmental protection through the act of separating waste at source, putting waste in the right place, and reducing the use of plastic bags and other single-use plastic products.

In conjunction with the launching ceremony of the "Green Station," the Phu Quoc Youth Union and the Ham Ninh Commune Youth Union mobilized



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more than 40 union members to clean up and remove hotspots of plastic waste pollution around the market area, which is also a major waterway that flows into the sea. They also implemented the "Golden Hour-Exchange waste for necessities and learning tools" program.

As a result of the cleanup, three tons of waste were collected, of which 30% was plastic. The Golden Hour program attracted nearly 20 local people and students, and collected 54 kg of all kinds of plastic waste on the first day of deployment. The Ham Ninh Commune Youth Union has committed to regularly implement the cleanup activities and the Golden Hour program on the first Saturday morning of quarters 2, 3, and 4 in 2023.

Closing ceremony of the Plastic Reduction school model at Nguyen Trung Truc Primary and secondary school in Phu Quoc - Sharing lesson learn and replicating opportunity

Activity code: 4.5.5.5



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On May 27, 2023, in Phu Quoc, the Project collaborated with Nguyen Trung Truc Primary - Secondary School to organize the closing ceremony of the plastic reduction school model in Phu Quoc City. The program aims to share the results of implementation as well as lessons learned, and the success story of this model with relevant government departments in Phu Quoc city as well as all primary and secondary schools in the whole city.

Attending the ceremony were 80 representatives, including representatives of the Office Department of Natural Resources and Environment, the Youth Union of Phu Quoc City, primary and secondary schools in the city, the Board of Directors, teachers, and representatives of the Parents' Association and students at Nguyen Trung Truc primary and secondary school. On this occasion, WWF-Viet Nam and the

Management Board of Nguyen Trung Truc Primary and Secondary School also rewarded 32 individuals who have made positive contributions to the construction of the Plastic Reduction School Model, in which there are 3 teachers and 29 students.

In the school year 2022-2023, Nguyen Trung Truc Secondary School has reduced 95% of plastic waste from the office and 39% of plastic waste from eating and drinking activities in the school. In particular, food packaging, disposable plastic eating utensils such as straws and plastic bags have been significantly reduced. Also according to the survey results at the end of the program, 90% of students practiced sorting garbage at school, and 83.7% practiced measures to reduce plastic; these figures increased by 46.3% and 40% respectively compared to the survey at the beginning of the program. These are the outstanding results of the Plastic Reduction School Model on Pearl Island after 6 months of implementation from December 2022 to May 2023.

Training on communication poster design for the Youth Union in Phu Quoc, Kien Giang

Activity code: 4.2.3.4_2023



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Youth have both special concerns and special responsibilities in relation to the environment. This is because a number of environmental risks, especially plastic waste issues, affect young people, who have to live for an extended period with the deteriorating environment bequeathed to them by earlier generations. Therefore young people should be compelled to engage in new forms of action and pass on the key message to the wider community

that will generate effective responses to environmental challenges.

Taking into account the key roles of youth in terms of environmental activities, on April 25th 2023, the project collaborated with Phu Quoc Youth Union to organize the technical training on designing communication products for 58 youth union members from the age 25 to 35 years old. There are many creative posters, handouts, and powerpoint presentations were developed during a one-day training. These communication products show the great commitment of the youth people toward environmental issues, especially plastic issues, and also demonstrate their great effort to communicate to the public about these issues and call for immediate and long-term actions.

Phu Quoc Sach & Xanh - The highlight model for promoting the local participation on marine waste collection activities

Activity code: 4.5.5.2_2023

Phu Quoc Sach & Xanh is a leading volunteer group that is committed to making Phu Quoc a cleaner and greener island. The organization's activities are focused on raising awareness of the problem of plastic pollution, promoting

sustainable tourism, and restoring coastal ecosystems.

Phu Quoc Sach & Xanh's work has had a positive impact on the environment. For example, from May 24 to 26, 2023, 32

volunteers from Phu Quoc Sach & Xanh supported the marine debris monitoring activities organized by the Phu Quoc Sea Conservation Department. On June 3, 2023, 20 volunteers from the organization attended a beach clean-up activity at Bai Vong Port together with volunteers from the Phu Quoc Youth Union, military forces and tourists. A total of 2.5 tons of waste were collected by the joint efforts of 200 volunteers and tourists.

The above activities are within the framework of coordination activities between the Project and Phu Quoc



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National Park on marine waste monitoring, and between the Project and the Phu Quoc Department of Natural Resources and Environment in cleaning up Bai Vong port contributes to the sustainable development of Phu Quoc tourism.

Model of School to reduce plastic waste in Con Dao

Activity code: 4.5.5.1_2022_CD



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From the school year 2022-2023, Cao Van Ngoc High School, Le Hong Phong Secondary School and Vo Thi Sau-Con Dao High School in Con Dao district have received support from the Project to implement the model of school to reduce plastic waste.

On April 22, 2023, at Cao Van Ngoc Primary School, the “Green Day” program was held, attracting the participation of more than 500 students, 25 teachers and school officials. The program raised awareness about garbage sorting and plastic reduction through creative media performances and game booths and left a good impression on the hearts of students and teachers of Cao Van High School. A “Green Debate” contest occurred at Le Hong Phong Secondary School from May 4 to May 20. The contest received active participation from 8 teams: 4 from grade 8 and other four from grade 9 students. After three rounds of competition with fundamental questions, the students thoroughly explored the

topic. The presentations and debates not only help the teams to gain more knowledge but also help the listeners to change their views, aiming to adjust their behaviour in the future. The program has also helped to discover potential individuals who may receive more training to become typical Ambassadors in environmental and social activities.

The “Green Debate” Program was also conducted simultaneously from April 19 to May 23 at Vo Thi Sau High School and received significant attention from the students, especially the 10th and 11th-

grade students. With intense contests, quality presentations and debates, the contest has found its first-year champion: the class 11A. Besides, the “Green Canteen” operation at the schools initially also recorded encouraging results. For example, Le Hong Phong Secondary School reduced more than 70.95%, equivalent to 12.97kg of food and beverage plastic waste, according to the comparison results from the program’s first and last two waste audits, which recorded the almost complete elimination of eating utensils made from single-use plastic.

Training program on methods of monitoring marine debris and plastic pollution for Con Dao District Youth Union

Activity code: 4.5.1.3_2022

On May 5th and 6th, 2023, the Project organized a training program on methods of monitoring marine debris and plastic pollution. The program has the participation of 16 youth union members of Con Dao district. Participants in the training program provided:

- Knowledge related to the current problem of plastic waste and its effects on nature;
- Experiences and results from waste collection process and collected data on marine debris and plastic pollution;
- Methods and practices of collecting and classifying waste and retrieving data during the process.



© GreenU

Through the survey assessment at the end of the program, most participants were satisfied with the program’s content. With this training program, the Project and its members participating in the training course practised marine debris monitoring at three public beaches in Con

Dao district: Bai Vong - Suoi Ot, Hong Dam Beach - Ben Dam, and Ngoc Trai Beach. Through Monitoring marine debris and plastic pollution in Con Dao district, the union members recorded data on the

amount of marine debris collected during the process. The collected data is reported to local authorities to support managing and developing programs for reducing plastic waste in Con Dao district.

Training courses on “Telling a story through video” and a “Environment Protection” video contest in collaboration with the Con Dao district’s Youth Union

Activity code: 4.5.5.1_2023



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According to the 2023 plan in collaboration between the Project and Con Dao District Youth Union, the Youth Union wishes to train their members in filming and communicating effectively and qualitatively to carry out their propaganda on reducing single-use plastic and sorting waste at source. Therefore, in 5 days (from May 20th to 25th), the “Video Storytelling” course was held for more than 20 students from Con Dao District Youth Union. Through training activities on “Video Storytelling”, students learned how to make videos and told their own stories about environmental protection activities and the harmful

effects of plastic waste on Con Dao’s environment, particularly the marine environment. Generally speaking, In just two days of basic skills training, over 80% of students have mastered the skills to make their videos. In addition, within three days of “advanced video storytelling” training, learners clearly understand the steps to make a video message.

Students know how to turn their ideas/ messages into videos. Their videos do not stop at mere descriptions. However, through videos, they can spread messages and behaviours of environmental protection to viewers and speak up for the environment in Con Dao. In order to apply practice from the course as well as support the Viet Nam Sea and Islands Week, the District Youth Union cooperated with the Project to organize a video contest from May 30 to June 5, 2023. The theme of the contest is to raise awareness among tourists and residents about reducing single-use plastic (plastic bottles, straws, plastic cups, foam boxes,

plastic bags, ...) at the tourist attraction in Con Dao. The contest has attracted attention and many interactions on the District Youth Union fan page with many high-quality videos. As a result, the first

prize belonged to a Con Dao National Monuments Conservation Center member with the video "For a Con Dao National Monument without plastic waste".

Collecting marine debris at public beaches, Con Dao district

Activity code: 4.5.1.3_2022_CTCC_2023

Ocean plastic waste is always a big problem within islands. Much marine debris washes up yearly on public beaches, depending on the wind season. In 2022, the Project cooperated with the Public Works Management Board to collect marine debris at four public beaches (Dam Trau, Bai Vong - Suoi Chit, Ben Dam port, and Ngoc Trai Beach) to minimize the amount of waste leakage to the sea, and to reduce marine pollution. In 2023, the Project and the Public Works Management Board maintain the waste collection at the above locations.

In May and June 2023, the Public Works Management Board collected 161m³ of debris at public beaches, of which more than 80% was plastic waste (water bottles, styrofoam bins, fishing waste:



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nets, ropes, packaging; plastic bags,...). The collection activities will continue to be carried out in the following months, contributing to minimizing marine pollution in the island district.

Maintain and operate 02 material recovery facilities in Cu Lao Cham

Activity code: 4.4.3.2_2022

From the beginning of 2023, 02 material recovery facilities (MRFs) have been invested, equipped for treating organic waste.

For MRF Bai Ong, the total volume of waste collected from January to June 15, 2023, is about 12.2 tons, of which organic waste is 5.5 tons, accounting for 45%;



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about 6.7 tons of inorganic waste has been transferred to the Eo Gio landfill, accounting for 55%; recycled waste accounts for a small amount with only 15 kg. From the collected organic waste, 460 kg of compost and 290 litres of cleaning water were treated. After being equipped with a garbage crusher, which contributes

to accelerating the composting time after crushing, the composting time has been reduced by about 40%, from 3-4 months to 1-2 months, depending on weather conditions.

The Bai Huong MRF model has been operating since February 8, 2023, on a scale of 81 households (the whole village). The total volume of waste collection as of June 15 is nearly 5.5 tons. 2.3 tons of treatable organic waste, equivalent to 43.7% of the total waste collected, has been used to produce 380kg of finished compost and 20 litres of cleaning water. The rest of the waste has been transferred to the Eo Gio landfill.

Reducing plastic with Cu Lao Cham fishermen

Activity code: 4.3.4.2_2022

On May 9, 2023, the Management Board of Cu Lao Cham Marine Protected Area chaired and worked with representatives of the People's Committee and Farmers' Association of Tan Hiep commune on marine plastic debris collection activities. The two parties discussed the situation of marine plastic debris collection through the Ocean House model. They agreed on deploying and mobilising fishermen in the Waste Collection Monitoring Team and organising activities to launch activities in response to Sea and Islands Week (June 1-8), World Environment Day (June 5) and World Oceans Day (June 8) on June 8, 2023.



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Through the launching ceremony, fishermen were mobilised to continue to bring waste back to shore, to collect debris floating in the sea and on coral reefs, and to participate in the week of marine debris collection and monitoring and auditing of collected waste.

Through the implementation of Collection Week, the total collected volume from June 9 to June 15 reached nearly 219.3 kg, of which inorganic waste accounts for 96.14%, with nearly 210.85 kg. The composition of garbage brought to shore by fishing boats is mainly plastic waste, including bottles, plastic bags, styrofoam; broken nets, lines and other fishing gear; Recycled waste is about 8.45kg, accounting for 3.86%, and the

main components are aluminium bottles and cans.

Thus, the total amount of ocean debris collected through 06 Ocean House models from March 19 to June 15, 2023, is about 420 kg. Of which inorganic waste accounts for 85% with nearly 357kg, recycled waste is about 63kg, accounts for 15%, etc. According to observations, the models around the boatyard area are still the most effective.

Monitoring plastic waste on the beach for the 9th time

Activity code: 4.5.1.1_2022



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In the framework of cooperation between WWF-Viet Nam, IUCN, GreenHub and 11 MPAs across the country, the monitoring of waste at beaches in Viet Nam enters the program's fourth year of operation. With the financial support of

the Project, Phu Quoc National Park, Con Dao National Park and Cu Lao Cham MPA completed the ninth monitoring (season 1, 2023) on May 24th-26th, May 13th-15th, and May 25th-27th, respectively. The total volume of plastic waste collected from the monitoring sections in Phu Quoc National Park is 58.9kg, in Con Dao National Park is 50.05kg, and in Cu Lao Cham MPA is 427.5kg (of which 395kg are large-size fishing gears). Plastic waste still accounts for the majority of waste on the beaches, with about 73-83% in volume and 93-96% in quantity.

Monitoring plastic waste on coral reefs for the 3rd time

Activity code: 4.5.1.1_2022

Applying the method of monitoring plastic waste on coral reefs learned

in the Integrated Training Course to Improve Effective Management of Marine

Protected Areas/National Parks in Viet Nam, the staff of Phu Quoc National Park, Con Dao National Park and Cu Lao Cham MPA conducted the third monitoring session in May and June 2023, respectively. As a result, plastic waste on reefs in Phu Quoc accounted for 78% of the total volume collected; Con Dao accounted for 66.5% quantity and 50.2% in volume, and in Cu Lao Cham, 58% in quantity and 93% in volume.



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Collecting marine debris on the reef

Activity code: 4.5.1.1_2022



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Following the monitoring of plastic waste on the reef's surface, marine waste collection continues to be carried out in all 3 Marine Protected Areas (MPAs). Phu Quoc National Park and Cu Lao Cham MPA completed the collection of season 1 in 2023 with a total collected volume of 564kg and 167.6kg, respectively. Notably, Con Dao implemented a marine debris collection program on seven coral reef areas in the first half of 2023, which collected 1,218.9 kg. Thus, cleaning activities on coral reefs of 3 MPAs in the first half of 2023 have contributed to the collection of 1,950.5kg of marine debris.



PROJECT “HUE - A PLASTIC SMART CITY IN CENTRAL VIET NAM”

(TVA)

Various activities promoting plastic waste reduction at the “Thuận An Biển gọi” Festival

Activity code: 2.3.7

From May 19 to 21, 2023, at Thuận An Beach (Hue City), the TVA project collaborated with the Thuận An Ward People’s Committee to organize various activities to promote plastic waste reduction and waste separation at source within the “Thuận An Biển gọi” Festival.

The event featured a wide range of activities that attracted hundreds of locals and tourists, including Plastic-reduction-theme wall paintings, beach cleaning and creating a globe sculpture made from collected waste, showcasing recycling of HDPE plastic, and waste separation games.

According to Ms. Thuy, a participant who shared her experience, “I find the plastic reduction activities of the project very interesting and engaging. My children enjoyed the waste separation and plastic recycling experiences. Your plastic reduction activities are the most interesting spot in Thuận An.”



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Recycling Day - Hue 2023

Activity code: 2.1.2



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On the morning of May 14, 2023, the Project and HEPCO organized the Recycling Day - Hue 2023 event at the Environmental Information Hub (46 Tran Phu, Hue City). The activity collected over 200 kilograms of recyclable waste.

The event attracted the participation of 200 pupils, parents, and teachers from 7 schools in Hue City, including Phu Tan Primary School, Phu Binh Primary School, An Dong 1 Primary School, Thuan An 1 Primary School, Thuan An 2 Primary School, Vy Da Primary School, and Tran Cao Van Secondary School.

The event included various activities to enhance the knowledge and skills of students in reusing and recycling plastic, with a special focus on the replacement of plastic bags in traditional crafts in Hue such as making paper flowers instead of plastic, packaging traditional Hue cakes with paper, and making paper from straw. In addition, pupils had the opportunity to visit the Environmental Information Hub,



participate in the “Trash Exchange for Gifts”, and participate in exciting games on the topic of waste separation at source and plastic waste reduction.

After the event, the schools will continue to integrate plastic reduction education into their regular curriculum and organize extracurricular activities on plastic waste reduction for pupils.

The activities were organized to raise environmental awareness about reducing plastic waste, practice waste separation for young people in Hue, and contribute to building Hue as a Plastic Smart City in Central Viet Nam.

300 ploggers participated in the Hue Plogging 2023. Three tons of waste were collected, including 300 kilograms of recyclable waste.

Activity code: 2.1.6



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On June 4th, at Lam Sinh Street, Hai Duong Commune, Hue City, the Project collaborated with HEPCO to organize the Hue Plogging 2023. The event aimed to clean waste pollution hotspots in Hai Duong Beach and encourage trash collecting habits of Hue citizens.

The Hue Plogging 2023 event gathered 300 participants (30 teams) from various organizations in Hue. The teams walked and collected different types of waste, contributing to the cleanliness of the coastal area along Hai Duong Beach.

The teams also took part in plastic reduction challenges, such as waste separation challenges, and participated in the trash for gifts activity.

A total of 2,917 kg of waste was collected, restoring a clean and beautiful environment to the Hai Duong coastal area. The event is just the beginning. More upcoming related events will be organized by local authorities in Hue to promote plastic waste reduction, eliminate pollution hotspots, and enhance physical fitness of local people.



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7 projects, initiatives on plastic waste reduction win the Hue 2023 Plastic Waste Reduction Initiative contest

Activity code: 2.2.1

On May 28, 2023, the TVA project, in collaboration with the Hue Innovation Hub, organized the final round of the “Hue 2023 Plastic Waste Reduction Initiative” contest.

Since February 2023, the contest has been launched. After more than a month of registration, the contest received 68 proposed initiatives from contestants across the country. After three months of exciting competition, with three rounds of evaluation, nine teams were selected to participate in the final round.

As a result of the contest, four projects and initiatives were chosen for sponsorship, including DONASO; Journey of Straws; KODO Hue HUB, and



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MGreen solution system. In addition, the organizers also selected three projects and initiatives to provide partial funding.

The “Hue 2023 Plastic Waste Reduction Initiative” contest aims to provide opportunities for individuals, organizations, and startups nationwide to contribute to reducing plastic waste in Hue.

Behavior change communication about waste separation at source and plastic reduction using the Participatory Action-Oriented Training (PAOT) method

Activity code: 2.1.4; 4.1.3

From May 23 to June 14, 2023, the Project conducted 05 training sessions for local propagandists about behavior change communication skills on plastic reduction and waste separation at source using the Participatory Action-Oriented Training (PAOT) method in 9 wards and

communes: Dong Ba, Phu Thuong, Tay Loc, Vy Da, An Dong, Thuan An, Phu Thanh, Phu Mau, and Vinh Ninh. During these training sessions, 120 local propagandists from the selected wards and communes learnt on communication skills using the PAOT method. This method aims to



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promote active and voluntary participation of the community in reducing plastic waste and waste separation at source. After the training, 120 local propagandists practiced the communication activities with over 60 households and nearly 90 small businesses to encourage their commitment to plastic reduction and waste separation at source. In the future, the local propagandists will expand their communication activities to more than 1,300 households and over 200 small businesses. The local propagandists will also monitor and observe the behavior change of households and small businesses in their area continuously for two months.

Building environmental monitoring CCTV equipment in 10 wards and communes in Hue and connecting them to the Hue-S system

Activity code: 1.6.1

In the second quarter of 2023, the Project in Hue installed 46 surveillance cameras to monitor environmental sanitation violations and improper waste dumping in 10 wards and communes across the city, including Phu Thuan, An Dong, Kim Long, Huong Ho, Vy Da, Phu Thanh, Hai Duong, Phu Duong, Huong Phong, and Phu Mau.

The Project collaborated with the Thua Thien Hue Smart City Monitoring and Controlling Center (Hue-IOC) to pilot the connection of 17 cameras with stable signals to AI software. This software automatically detects waste images and



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sends violation alerts through the “On-site Feedback” feature, then notify the authorities for timely action.

The project aims to raise awareness of Hue citizens to reduce indiscriminate waste dumping in public areas and minimize plastic waste leaking into the environment.

Various plastic reduction activities have been implemented at schools in Hue

Activity code: 2.1.7



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In schools, plastic waste has become a pressing environmental issue. Plastic straws, plastic bottles and other single-use plastic items are widely used. Therefore, education on plastic reduction and waste separation at source is needed to guide students.

Recognizing this problem, in the second quarter of 2023, the Project implemented various extracurricular activities related to plastic reduction in 46 primary and secondary schools, attracting more than 5000 students to participate. The activities include “Exchange Trash for Gifts”, integrating the content of waste separation at source and plastic reduction into main

lessons, and the drawing competition with the topic of waste separation at source and plastic reduction.

Through these activities, the project aims to enhance the awareness of future generations in Hue City about the topic above.



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“Grandfather and Grandchild” commits plastic reduction

Activity code: 4.1.3

The “Grandfather and Grandchild” alley (68 Phung Hung Street, Hue City) in Dong Ba is considered a significant model of waste separation at source. In the area, 45 households are encouraged to participate in proper waste separation under the supervision of local authorities and with support from the Project. The Project provided sorting bags to the households, guided them on waste separation methods, and monitored the waste separation at source activities.

Encouraging reuse, recycling, and waste separation at source is also a preparatory step for the households in Dong Ba Ward to adapt to the “pay-as-you-throw system” (usage-pricing model for disposing of



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municipal solid waste). Besides, the households instructed on how to classify to increase the rate of reuse as well as recycle waste into home decor or put it into greenhouse, etc. This activities will help to reduce the cost of waste collection, transportation and treatment.

Actively promoting and monitoring waste separation at source within the community

Activity code: 4.1.3



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From September 2022, Hue city officially started to separate waste at source in 23 wards and communes before the merger. Hue City has committed to collaborating with the Project to strengthen propagandists and monitor the implementation of waste separation at source in the city.

In the second quarter of 2023, the Project conducted in-depth training for 30 community monitoring teams, including 100 representatives in 9 wards to support local authority promoting waste separation at source. These community monitoring teams worked with volunteers, including students from Hue University, to distribute sets of waste separation bags to households and guide each household following waste separation at the source. Typically, residential groups 6, 8, 9 of Dong Ba ward, in the last two weeks of June with 18 members, have transmitted information to more than 1,000 households in the area.

During May and June 2023, over 40 community meetings were organized to train more than 2,000 households on waste separation at source and plastic reduction. In 2023, Hue city has been working with the Project to continue to accompany to strengthen the propaganda and monitoring of the implementation of waste separation in the 23 old wards/communes as well as continue to expand to the remaining 13 wards and communes of Hue city.

“The Green House” for collecting recyclable waste and the event “Exchange Trash for Gifts”

Activity code: 4.1.3

In the second quarter of 2023, the Project has supported installing more than 50 greenhouses in wards and communes participating in the project. The model encourages residents to collect and donate recyclable waste into the greenhouses to support underprivileged residents. Additionally, the Project sponsored 160 “Exchange Waste for Gifts” events to raise awareness among the community about waste separation and plastic reduction.

Typically, in Phu Thuong Ward, eight greenhouses have been installed to collect recyclable waste. The recyclables will be sold to support disadvantaged women and children in the ward.



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Supporting initiatives for organic waste treatment

Activity code: 4.5.1



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In Hue City, organic waste accounts for over 67% of the total household solid waste. Due to the lack of compost production companies, sorting, and organic waste treatment are particularly encouraged. In May 2023, the Project collaborated with the Hue City Farmers' Association and the Women's Union of

Thua Thien Hue province to organize two TOT workshops on organic waste treatment using IMO for the participants in 36 wards/communes across the city.

The project also organized 12 indigenous microorganisms (IMO) training classes and 11 detergent enzymes classes from organic waste for 1,035 members of the Women's Union and Farmers' Association.

On 19 May 2023, The Women's Union of Thua Thien Hue province collaborated with the Project to organize a "Green Market for a Green Future" event to showcase recycled products and environmentally-friendly items made from waste. The event attracted the participation of 1,000 Women's Union members.

Plastic reduction and waste separation at source study tour in Hanoi and Quang Ninh

Activity code: 1.3.7

From May 24th to May 27th, 2023, the Project organized a study tour to learn about plastic reduction and waste separation at source models in Hanoi and Quang Ninh. The study tour attracts 30 officials from the Project Management Board, Hue City People's Committee, Department of Natural Resources and Environment, Hue Monuments



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Conservation Center, and members from wards and communes in Hue City.

During the trip, the participants had the opportunity to learn about exemplary models that could be applied in Hue city, such as waste separation at source and organic waste treatment in Nghia Vu village, Duc Tu commune; waste management model in Ha Long Bay;

EPPIC shop model; and the Green Life Ha Long model.

Based on the overall evaluation of the study tour, most of the models visited were deemed suitable for application in Hue City, and at the ward/commune level in particular. However, each model requires adjustments and modifications to better suit to apply for Hue City.

An aerial photograph of a tropical coastline. The top half shows a bay with clear, shallow water transitioning from light green to dark blue. A small concrete pier extends into the water. Several small boats are visible. The bottom half shows a village with numerous houses featuring corrugated metal roofs in shades of blue, green, and brown. More boats are moored along the shore, and palm trees are scattered throughout the landscape.

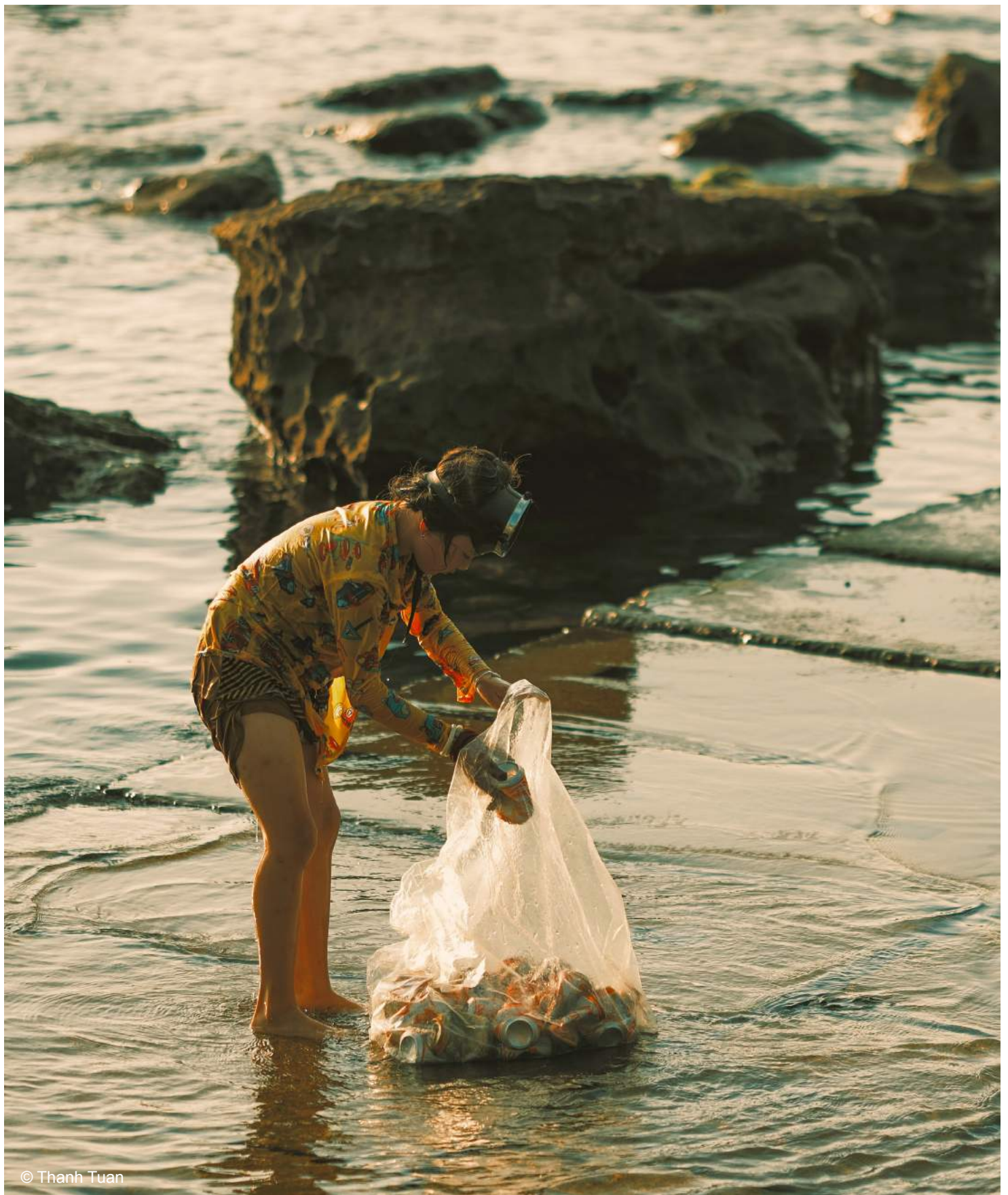
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