

“ LAM DONG COMMUNITY
JOINING HANDS
TO **CLASSIFY**
WASTE
AT THE SOURCE ”

Mrs Dam Thi Lam, a Waste Collection Worker in Lam Dong commune, Thuy Nguyen district, Hai Phong city.

ZERO WASTE LÂM ĐỒNG

QUARTER 1 & 2

NEWSLETTER

PROJECT: “PILOT OF CIRCULAR ECONOMY MODEL IN WASTE MANAGEMENT IN LAM DONG COMMUNE”

Hanoi, July 2024

DAMEN SONGCAM

Damen Song Cam Shipyard Co., Ltd (DSCS)
is the sponsor and co-implementer of the project “Pilot of circular economy model in waste management in Lam Dong commune”.



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Participants actively involved in contributing ideas in the training session 3: Solutions in treating organic waste

TRAINING COURSES

TRAINING 1: PLASTIC AND HEALTH - DOMESTIC SOLID WASTE CLASSIFICATION AT SOURCE

On January 29, 2024, a training on "**Plastic and health - Domestic solid waste classification at source**" for local officials and core groups (representatives of local associations, key residents and waste collection workers) in Lam Dong commune was carried out with coordination between the Center for Supporting Green Development (GreenHub), Lam Dong Commune People's Committee and Damen Song Cam Shipbuilding Company Limited (DSCS).



Ms. Le Thi Hong Nhung - Head, Solid waste management division, Hai Phong Department of Natural Resources and Environment introduced regulations and instructions on domestic waste separation



More than **30** people participated including representatives of Lam Dong Commune People's Committee; Agricultural Service Cooperative; Women's Union; Youth Union, Farmers' Association; Veterans' Association; Heads/Deputy heads and key residents of four villages; waste collection workers in the commune.



Dr. Nguyen Thuy Chung - Lecturer at Hanoi University of Science and Technology provided training on plastics and health

In the training, regulations, instructions and plans for implementing domestic solid waste separation in Hai Phong city were shared, equipping Lam Dong commune authorities and core group with the tools they need for waste separation. Participants discussed the impacts of plastic waste on communities and the environment, an important foundation to motivate the community's journey to Zero Waste.

Group discussion, information exchanges and sharing activities were interwoven into the training to engage participants and empower each household to find solutions to improve the environment at home and in their community.



Key residents of four villages were discussing in groups and sharing local waste issues

Group discussion, information exchanges and sharing activities were interwoven into the training to engage participants and empower each household to find solutions to improve the environment at home and in their community.



Mr. Pham Dinh Thinh - Vice Chairman of Lam Dong Commune People's Committee

"I hope that those who participate in the training will inform their families and neighbours about the knowledge gained today".

This is the first training session in a series aimed at improving the community's capacity to manage waste and protect the environment in Lam Dong commune. Through this training, local organizations and core community members gained essential knowledge and skills for upcoming activities.

TRAINING 2: SAFETY IN DOMESTIC SOLID WASTE CLASSIFICATION AND COLLECTION AT SOURCE



Participants practice proper hand hygiene to avoid infectious diseases during waste collection.

On March 29, 2024, we held our "Safety in domestic solid waste classification and collection at source" training in Lam Dong commune with the participation of nearly 20 members, including representatives of Hai Phong Department of Natural Resources and Environment, Lam Dong Commune People's Committee, DSCS, Unions, local waste collection workers and GreenHub.

The training covered topics from health precautions to the role of informal waste collectors. While Mrs. Nguyen Thi Lan - doctors from DSCS focused on how to apply safe practices to waste management - including the storing, classifying and collection of waste.



Mrs. Nguyen Thi Lan – Doctors from DSCS provided training on labor safety and prevention of health risks in waste collection and classification

GreenHub also shared practical information about waste management in Lam Dong commune. Together, the group explored local waste solutions, including how to apply a circular economy model to local waste management processes.



Mr. Nguyen Van Cong - GreenHub project manager provides training on Circular Economy in waste management.



Waste Collection workers shared and asked questions about accident situations encountered during actual work.

Informal waste collectors formed an important part of this conversation, sharing their experiences and challenges to help stakeholders better understand their situation, and how they can be part of solutions. An often overlooked group, waste collectors play a significant role in Lam Dong commune's waste management system.

TRAINING 3: SOLUTIONS IN TREATING ORGANIC WASTE

Following the first two general training courses above, this specialized training course equipped the core group with solutions to treat organic waste at its source, an important foundation for implementing the "Zero Waste Village" model in the near future.

According to the results of the community survey at the beginning of the project, in Lam Dong commune, food/organic waste accounts for the largest proportion of waste, over 50% of the total amount of waste generated. Applying organic waste treatment solutions will help Lam Dong commune and households significantly reduce the amount of waste that must be collected, transported and processed.



Ms. Doan Thi Mo, Director of Thanh Vinh Commercial and Environmental Services Cooperative was doing the training

The training run on June 4, 2024, "**Solutions in treating organic waste**" took place successfully with more than **50** participants, including representatives of local authorities, unions, farm owners and key residents.



> 50 participants
involved in the training session

Through the training, Lam Dong residents not only raised their awareness of the importance of organic waste treatment but were also equipped with the knowledge to implement organic waste composting solutions. The next training course on skills to implement organic waste treatment in households will soon be organized according to local needs. This is an important step forward Zero waste Lam Dong.



Participants in a knowledge survey after the training



Mrs. Tran Thi Hoa - Director of GreenHub launched a response to World Environment Day and enhanced waste management activities in Lam Dong commune, Hai Phong city

ENVIRONMENTAL EVENTS

| EARTH DAY, APRIL 22



Participants actively involved in activities to learn knowledge about the environment and domestic waste.

On April 21, 2024, Lam Dong Commune People's Committee coordinated with GreenHub and DSCS to organize an event to support the Earth Day April 22 to raise awareness of the value of the natural environment, as well as explore the current waste situation and solutions to reduce plastic.

More than **30** people attended including, representatives of local authorities and unions, DSCS, GreenHub, Maritime University volunteer student team and small business groups from the Lam Dong Market. The event attracted a lot of attention from commune members.



Mr. Pham Dinh Thinh - Vice Chairman of Lam Dong Commune People's Committee spoke and called on people to participate in responding to the message of Earth Day 2024: "Join hands to act to end the threat of plastic to the planet."



Participants received gifts of bio-enzymatic hand sanitizer after involved in activities to learn about the environment and waste.

During the event we hosted mural painting activities and discovery games to engage people on the the topics of domestic and plastic waste.

WORLD ENVIRONMENT DAY, JUNE 5



Delegates and participants in event "World Environment Day Celebration and handing over of Community Communication products "

On June 4, 2024 , GreenHub together with DSCS and Lam Dong Commune People's Committee organized the event "World Environment Day Celebration and handing over of Community Communication products "

With the participation of more than 100 delegates, including representatives of the Hai Phong Department of Natural Resources and Environment., Lam Dong Commune People's Committee, commune associations, DSCS, GreenHub, press agencies, along with a large number of local people, small businesses and schools, the event attracted great attention .



>100 delegates
Involved in the event "World Environment Day Celebration"



Mr. Joris VanTienen - Managing Director of DSCS presented gifts to Lam Dong Secondary School students participating in a musical performance at the World Environment Day event.

This event marks an important step forward in the journey of building Zero waste Lam Dong by bringing project information to more people before implementing activities in the "Zero waste Village" model in Lam Dong commune.



Mr. Joris VanTienen - Managing Director of DSCS presented gifts to Lam Dong Secondary School students participating in a musical performance at the World Environment Day event.



Lam Dong Commune People's Committee, local associations, DSCS and GreenHub signed the commitment on World Environment Day

At the event, GreenHub introduced and handed over to the local government communication products including:

- Murals about the plastic waste journey and the 5Rs' rule of waste management;
- Posters about: zero waste village, waste classification regulations, current waste status in Lam Dong commune, model of "Lam Dong market restricting the use of plastic bags";
- Public radio on waste management.

This is an effective tool in the coordination journey between the local government and the project to raise people's awareness of environmental issues and gradually support the implementation of solutions suitable to local needs and realities, towards Zero waste Lam Dong.



Participants received recycled bags from fishing nets as an alternative to plastic bags within the framework of the model "Lam Dong market restricts the use of plastic bags"

PILOT MODEL OF ZERO WASTE VILLAGE

I LAM DONG MARKET RESTRICTS THE USE OF PLASTIC BAGS

"Zero waste Village" pilot models are being proposed for implementation in Lam Dong commune. Of which, the model "**Lam Dong Market restricts the use of plastic bags**" was selected as the first pilot model in a series of activities.

Project surveys show that daily plastic bags account for 31.2 % of the total amount of plastic waste at the market.



The model "Lam Dong Market restricts the use of plastic bags" therefore plays an important role in reducing single-use plastic waste by increasing the participation of mass organizations and a large section of the community.

At the **World Environment Day Event** , Ms. Dam Thi Thuy Chinh - Chairwoman of the Women's Union of Lam Dong commune committed to promoting waste classification at source in the community, mobilizing the population, and promoting the implementation of a waste-reducing lifestyle.



Ms. Dam Thi Thuy Chinh - Chairwoman of Lam Dong Commune Women's Union expressed Women Union commitment at the event



Commune residents now using recycled mesh bags to replace plastic bags for the market

Within the framework of implementing the model, the project donated shopping bags recycled from old fishing nets to replace plastic bags for small business representatives and customers at Lam Dong market. The continuation of this practical activity will contribute to reducing the use of plastic bags and is a key first step in building the model "Lam Dong Market restricts the use of plastic bags".



Women's Union members and traders at the market explore solutions together to limit the use of plastic bags



Ms. Nguyen Minh Nguyet - Health-Safety-Environment-Quality manager and DSCS workers implemented mural painting at Lam Dong market

COMMUNITY MEDIA



I RADIO: ZERO WASTE LAM DONG

In the second quarter of 2024, GreenHub collaborated with Lam Dong Commune People's Committee to air a "Lam Dong Zero Waste" radio series. This was part of the communication plan aimed at raising community awareness of waste management and waste classification issues.

The radio series covered three topics:

- 1 **"Understanding waste: Current status of waste in Lam Dong commune":** This provides detailed information about the situation of waste in the locality, helping people understand the volume and types of daily household waste and related environmental challenges.
- 2 **"Understanding the Law on Environmental Protection, Regulations and Penalties":** Instructions for classifying domestic solid waste at source according to the Law and associated practices. Broadcasting helped people better understand current regulations related to waste classification and management at the source, and penalties for violations.
- 3 **"Burning waste - the enemy of health and the environment":** This topic emphasized the serious harmful effects of burning waste on human health and the environment, thereby encouraging people to seek safer disposal methods.

The radio series is an effective and accessible communication solution, helping all Lam Dong commune residents access information about health, environment and waste continuously and regularly. The following radio topics will continue to be developed and maintained in 2024.



STORIES: RENEWED LAM DONG MARKET



Murals at Lam Dong market after deployment

On April 20-21, 2024, representatives of the local government and associations of Lam Dong commune, DSCS, GreenHub, a volunteer student team of Vietnam Maritime University and a group of small businesses at Lam Dong market carried out the artistic activity "Painting murals to promote environmental protection", giving a new look to Lam Dong market. This activity is a testament to the efforts of cooperation, mobilizing the participation of the government - businesses and the community to raise awareness and change people's environmental protection behavior.



DSCS workers participating in painting murals



Representatives of Lam Dong Commune People's Committee, DSCS and GreenHub participating in the mural painting activity



Murals at Lam Dong market after deployment.

The series of murals takes viewers on an exciting adventure s to explore "The journey of three plastic bottles". Each painting carries a profound message about the formation, contribution and harmful effects of plastic on the environment and health, thereby leading to environmental protection solutions such as: practicing the 5Rs' rule of waste management (Refuse , Reduce, Reuse, Recycle and Rot), and instructions for composting and composting. The constantant presence of the murals promises to create positive change in the community's attitudes and actions towards the environment and plastic waste.



A core group of traders at the Lam Dong market participating in wall painting activity



A group of student volunteers from Vietnam Maritime University participating in a mural painting activity

POSTERS: SPREADING THE WORD ON ZERO WASTE VILLAGE

On June 4, 2024, we was completed and handed over **12** community communication posters in Lam Dong commune. These posters were placed at the Commune People's Committee, School, Market and 4 village cultural houses, to support local authorities and organizations to raise community awareness about waste management and classification at source.

Through media posters, people in Lam Dong commune now have access to information about the current status of commune waste production, the "Zero waste Village" model, regulations and instructions on classifying waste at source and disposal, status and solutions for household waste. The posters provide information suitable many audiences including children, and are an effective tool to raise awareness, and improve behavior towards waste managementenvironmental conservation.



Community communication products were placed at Lam Dong market, People's Committee, kindergartens.



Ms. Dinh Thu Hang - GreenHub project manager introduced to representatives of Lam Dong Commune People's Committee about the posters at the village cultural house



Representatives of Lam Dong Commune People's Committee and local associations received of community communication products from GreenHub at one of village cultural houses



The Commune Women's Union introduce instructions on posters to classify household solid waste





DSCS shares about the process of coordinating with GreenHub and Lam Dong Commune People's Committee to carry out community communication.

ACTIVITIES FOR THE NEXT 6 MONTHS

In the next phase of the project "Piloting the Circular Economy Model in Waste Management in Lam Dong Commune" , activities will continue to focus on raising awareness and piloting waste management solutions, and sustainable waste treatment, including:

Continuing media broadcasting:



Local radio programs will continue to spread the message about the "Zero waste Village" model, encouraging the community to participate in environmental protection activities. Radio topics in the next 6 months include: "Organic waste is a resource if handled properly", "Say no to plastic bags and single-use plastic items", and "People of Lam Dong commune join hands in action - 'Zerowaste village' rules".

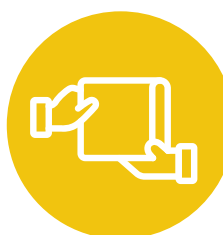
Piloting solutions in the "Zero waste Village" model such as:



- Organic waste treatment at households: banana circle model, organic composting, biological enzymes,...;
- Recyclable waste collection model;
- Lam Dong market model restricts the use of plastic bags;
- Building a "Zero waste Village" rules.



Organize trainings/programs/events suitable to local needs and actual conditions.



Handover of implemented models and project summary workshop:

The project is expected to hold a summary workshop to evaluate the results and hand over the "Zero waste Village" model to the community and locality, and at the same time follow-up plans to maintain and develop the project in the future.

GreenHub

Center for Supporting Green Development

ZERO WASTE LÂM ĐỘNG



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