

NEWSLETTER QUARTER 4/2023

PROJECT

**"PILOT CIRCULAR ECONOMY MODEL IN WASTE MANAGEMENT
IN LAM DONG COMMUNE"**



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Quick survey at Lam Dong Open market, Thuy Nguyen district, Hai Phong city

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A “SUSTAINABLE” MILESTONE FOR THE FUTURE: KICK-OFF AND SIGNING CEREMONY BETWEEN 3 PARTIES FOR THE PROJECT IMPLEMENTATION COOPERATION



Tripartite cooperation relationship between DSCS, GreenHub and Lam Dong Commune People's Committee Established at the Launching ceremony on September 23, 2023

On September 23, 2023, Damen Song Cam Shipbuilding Co., Ltd. (DSCS), the Center for Supporting Green Development (GreenHub) and Lam Dong Commune People's Committee to organize the Launching Ceremony and Signing Cooperation Agreement. Launching the Project: "Piloting a circular economy model in waste management in Lam Dong commune". This is the first step to support Lam Dong commune to improve the its local waste management efficiency.

As one of the very few public - private - partnership projects in the field of waste management at the commune level, this is a pioneering model that contributes to mobilizing private resources and organizations with local authorities to join hands in implementing a circular economy model in waste management, improving the environment and people's living conditions.

At the same event, there was the signing ceremony of the Memorandum of Cooperation between Damen Song Cam Shipbuilding Co., Ltd. (DSCS), Center for Supporting Green Development (GreenHub) and Lam Dong Commune People's Committee, demonstrating the commitment in the tripartite cooperation relationship, promising that the project's goals and four components are implemented effectively.



Project Launching ceremony on September 23, 2023

DSCS is located in Hoang Dong and Lam Dong commune of Thuy Nguyen District, Hai Phong City. The project is a part of DSCS Health, Safety, Environment and Quality Management System (HSEQ) and Community engagement program. The project focuses on the process of building ongoing and permanent relationships with the community for community development and social investment. Lam Dong Commune is currently facing some difficulties in domestic solid waste management, environmental protection and raising awareness about waste issues. DSCS express their willingness to solve the problem by the process of the Project: "Piloting a circular economy model in waste management in Lam Dong commune".

This project could eventually contribute to the following:

- Improve the waste management system in the commune;
- Capacity building for local people in the commune;
- Reduce the amount of waste going to landfill or leaking into the environment;
- Reduce environmental pollution in the area.

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Mrs. Huong – Deputy head of Hai Phong City's Sub-department of Environmental Protection gives her opinion about the project plan, at Launching ceremony on September 23, 2023

The Launch and Signing Ceremony of cooperation in project implementation took place with the participation of nearly 70 delegates including: Hai Phong City's Department of Natural Resources and Environment, Thuy Nguyen District People's Committee, Commune People's Committee Lam Dong, Vietnam Maritime University, environmental experts, DSCS, GreenHub, Lam Dong Schools, representatives of local associations such as Women's Union, Youth Union, Veterans Association,... and local people.

In the ceremony, information about project implementation plans were shared with all levels of government, associations, and local people. In addition, environmental expert, Hai Phong City's Department of Natural Resources and Environment and relevant parties contributed ideas to build project activity plans consistent with local reality and local needs.



A local resident expressed her opinion

Implemented from August 2023 to December 2024, the Project: "Piloting a circular economy model in waste management in Lam Dong commune" promises a new direction in local waste management, contributing to reducing the amount of waste going to landfills or leaking into the environment, improving the environment and people's living condition through public-private cooperation in waste management.



Project Launching ceremony on September 23, 2023

PROJECT PRELIMINARY SURVEY - IMPORTANT DATABASE ON SOLID WASTE IN LAM DONG COMMUNE

The survey at the beginning of the project plays a crucial role in providing the project's input database about waste management status, helping all stakeholders get an overall picture of the status of waste management in Lam Dong commune, presenting advantages, disadvantages, resources and future local solutions. This is also the basis for evaluating the effectiveness of the project during and after implementation. Therefore, the project's Preliminary Survey was developed and implemented by GreenHub in October and November 2023 with the following main survey components:

The waste flow in Lam Dong commune includes identifying main waste sources, surveying waste collection and transportation routes from waste sources in the area to the waste station, finding out the waste leaking points and reasons.



A self-construct tow cart of waste collector for waste collection

The Knowledge - Attitude - Practice (KAP) survey with **205** typical households in all 4 villages of Lam Dong commune and main waste sources, helps determine the understanding, attitude, and behaviour of local people toward waste problem, thereby proposing solutions to raise awareness and improve the local waste management system.



Enumerators survey 205 households about their understanding, attitude, and behaviour of local people toward waste problem

Determine the volume and composition of waste at main waste sources and from waste stations.

Waste at main sources include households; local offices such as the Commune People's Committee and the Clinic; market; Schools and waste stations are audited continuously for 3 days (including weekends with households and waste stations) to determine the amount and composition of waste by weight and volume. This is the basis for understanding the waste discharge habits of local people, identifying main types of waste, and suggesting effective waste management and treatment solutions.



Waste audit at market



Waste audit at kindergarten

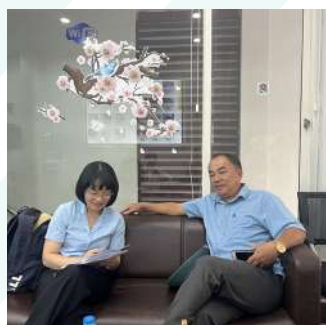
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In terms of composition, at the waste station, organic waste accounts for the largest proportion (50%), then plastic waste (27%) and other types of waste account for 14%. Waste generated from households also has a similar composition with 60% organic waste, 21% plastic waste and 8% other waste. Thus, effective management of organic waste and plastic waste will contribute to solving about 80% of the amount of waste generated in Lam Dong commune.



Waste audit at waste station

Interviews with representatives of relevant parties in waste collection chain helped the survey obtain general information and complete data in the waste management chain in Lam Dong commune.



In-depth interview with Lam Dong commune waste collector



In-depth interview with Phu Hung Trading and Warehouse Service Joint Stock Company (Phu Hung Trawaco)



In-depth interview with workers collect waste at Lam Dong commune



In-depth interview with waste collection workers at DSCS kitchen

The entire survey process was consulted by waste experts and local authorities, compared with secondary documents to ensure accuracy and science, making a strong foundation for the analyse process and solutions in the next phase of the project.

Based on identifying the status of local people toward domestic waste, and main shortcomings of the waste management system, in Lam Dong commune, GreenHub realises, raising community awareness about waste through training and communication courses, pilot waste classification models and treatment is extremely necessary.



FEATURED NEWS

WORKSHOP ON SHARING RESULTS OF PROJECT PRELIMINARY SURVEY ABOUT WASTE MANAGEMENT STATUS AND IMPLEMENTATION PLAN FOR 2024



Overview of the Workshop on Sharing Results of Project Preliminary Survey and Implementation Plan for 2024

On December 20, 2023, the “Workshop on Sharing Results of Project Preliminary Survey and Implementation Plan for 2024” took place in Lam Dong commune, Hai Phong city.

The seminar included more than 50 delegates including: DSCS, GreenHub, Dong Commune People's Committee; representatives of the Department of Natural Resources and Environment of Hai Phong city, representatives of associations such as Women's Union, Youth Union, Veterans Association,... in the commune, local people, and several businesses in Thuy Nguyen district. The diverse participation of different parties played a very important role in creating the foundation for the project implementation process.



Dr. Tran Hoai Le - solid waste expert from Hanoi University of Civil Engineering, presented the results of the input project survey

Dr. Tran Hoai Le - solid waste expert from Hanoi University of Civil Engineering, on behalf of the project research team, presented the results of the project preliminary survey conducted in October and November 2023. The survey reflected the status of waste management in Lam Dong commune and existing issues. The participants highly appreciated the survey results and contributed their opinions to the implementation plan in 2024.

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“Mr. Pham Dinh Thinh - Vice Chairman of Lam Dong Commune People's Committee highly appreciated the survey results and proposed several specific measures to improve people awareness such as using communication material at public areas and organizing training for local branches of government.”



“Mr. Quach Dinh Nguyen, Vice Director of Damen Song Cam Co., Ltd. completely endorsed the project's operating plan for 2024, in which the participation of local people plays a key role in the success of the project.”



DSCS presented work protection kits to 5 commune waste collectors

During the seminar, DSCS presented work protection kits to 5 commune waste collectors. This activity is not only encouragement to the workers in their contribution to the community's environment, but also DSCS's commitment to the safety and quality of life of those working directly in the waste collection and transportation system in Lam Dong commune.



Mrs. Le Thi Hong Nhung - Head of Division, Solid waste management division, Hai Phong city's Department of Natural resources and Environment contributed ideas to the project



A local resident expressed her opinion about the project's next plan

The seminar ended with the consensus and commitment of Lam Dong Commune People's Committee, local community, and related partners in building the 2024 project implement plan to improve the commune waste management system and improve the quality of life of people in Lam Dong commune.

CO-DEVELOPING THE PUBLIC-PRIVATE-PARTNERSHIP - FROM PLANNING TO IMPLEMENTATION.

From August 2023, meetings to frame the project implementation plan between DSCS, Lam Dong Commune People's Committee and GreenHub were carried out every month. These discussions and agreements between the project co-implementers played a crucial role in the project design process, determining the conditions and needs of the locality.

Based on these appropriate solutions were developed to improve the project effectiveness, the local waste management system and local living conditions.

Some pictures from the meetings:



Meeting between DSCS, Lam Dong Commune People's Committee and GreenHub to develop plan and agree on project components in August 2023.



Meeting between DSCS, Lam Dong Commune People's Committee and GreenHub to discuss and develop the project's Preliminary Survey in October 2023



GreenHub presented results of project's Preliminary Survey to Lam Dong Commune People's Committee and representative of local people in November 2023

IMPLEMENTATION PLAN FOR THE FIRST QUARTER OF 2024

COMMUNICATION PLAN TO RAISE AWARENESS AND BUILD CAPACITY FOR LAM DONG CITIZENS ABOUT WASTE POLLUTION AND REDUCTION

Consistent with the statement of Mr. Quach Dinh Nguyen, Vice Director of DSCS, that the participation of local people plays a crucial role throughout the project, communication is a main project activity to raise people's awareness through:



1

Communication campaigns at public locations and means such as at the market, Clinic, Commune People committee



2

Training to improve capacity for local officials/branches and commune members



3

Using media as the commune radio to provide knowledge for local people about waste

These activities will be focused in the first quarter of 2024 and maintained in the remaining quarters.

DEVELOPING PLANS TO IMPLEMENT LOCAL PILOT MODELS ON SOLID WASTE

Beside communication activities to raise awareness and capacity for localities, pilot models such as: “Zero waste Village”; “Waste separation model and No-plastic bag market”; “Banana circles model in households”... will be consider to set up by GreenHub, local authorities, associations, and waste collect units to determine possibilities and implementation location.



“Banana circles model” that GreenHub implemented in Son dune area, Can Tho city in project “Zero Waste to Mekong River: Pilot Circular Economy model for Floating markets in Can Tho”



Ms. Dinh Thu Hang – GreenHub project manager sharing information on bags from recycled fishing nets in Phu Yen province and some successful waste management models in Vietnam.

ABOUT US

Damen - Song Cam Shipyard Co., Ltd. (DSCS) was established on August 8, 2007, as a joint collaboration between Damen Group (Netherlands) and the Company Song Cam shipbuilding, is headquartered in Thuy Nguyen district, Hai Phong city.



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Lam Dong Commune People's Committee is the state administrative management authority in Lam Dong commune, Thuy Nguyen district, Hai Phong city in the fields of economy, culture, education, health, defense and security. Currently, the commune has 4 villages: Den village, Hau village, Dong village, and Su village. As one of the small communes of Thuy Nguyen district, Lam Dong has a natural area of 4.02 km². According to statistics from Lam Dong Commune People's Committee, the commune currently has 1,966 households with 6,195 people.



🌐 lamdong.thuynguyen.haiphong.gov.vn

📍 Lam Dong commune, Thuy Nguyen district, Hai Phong city

Center for Supporting Green Development (GreenHub) is a Vietnamese science and technology organization under the Vietnam Union of Science and Technology Associations (Vusta) with oversight by the Ministry of Science & Technology, with an CSO Registration Number A-1555, and granted the third time on September 29, 2023. GreenHub was legally established on March 15, 2016; by Vietnamese experts with significant CSO experience in biodiversity conservation, community development, capacity building, and connect resources.



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