



SGP The GEF
Small Grants
Programme



DEVELOPING THE COMMUNITY-BASED PLASTIC WASTE MANAGEMENT

- ▶ In coastal areas of
Ha Long Bay, Quang Ninh province



**NO
PLASTICS**
COASTAL | HA LONG BAY

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PROJECT BRIEF

DEVELOPING THE COMMUNITY-BASED PLASTIC WASTE MANAGEMENT IN COASTAL AREAS OF HA LONG BAY QUANG NINH PROVINCE

Implementing agency: Farmers' Association of Quang Ninh province

Duration: 2 years

Project budget:

• GEF SGP	1.150.740.000	49.301
• UNDP	1.400.460.000	60.000
CO-FINANCING	4.159.220.000	178.193
• PPC (in cash)	2.325.000.000	99,610
• Farmers' Association of Quang Ninh province (in cash)	500.000.000	21,421
• Others	1.334.220.000	57,162
TOTAL	6.710.420.000	287.494
	VND	USD

Project sites:

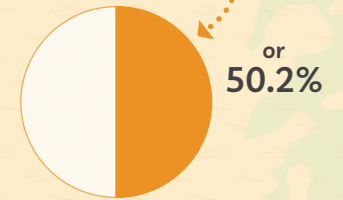
1. Tuan Chau Ward
2. Ha Phong Ward
3. Ha Phong fishing village
4. Hong Hai Ward
5. Hong Ha Ward
6. Ha Long High School for Gifted Student
7. Le Thanh Tong Secondary School
8. Tourist wharf
9. Fishing wharf / fishing boats

TOTAL NUMBER OF BENEFICIARIES

83.403

including

41.147 WOMEN



HA LONG STATION

HA LONG CITY

BAI CHAY

HA LONG HIGH SCHOOL FOR GIFTED STUDENTS

HONG HA MARKET

CAU TRANG

NEW FISHING TERMINAL, HA PHONG WARD

TRAN QUOC NGHIEN

HONG HAI MARKET

AREA 8, FISHING VILLAGE, HA PHONG WARD

TUAN CHAU TERMINAL FOR TOURIST BOATS

RESIDENT AREA, TUAN CHAU WARD

COMMUNIST PARTY'S COMMITTEE OF QUANG NINH PROVINCE

INTER-AGENCY OFFICE BUILDING NO 4

LE THANH TONG SECONDARY SCHOOL

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IMPLEMENTING AGENCIES AND CO-IMPLEMENTING AGENCIES

IMPLEMENTING AGENCY: Farmers' Association of Quang Ninh province

CO-IMPLEMENTING AGENCIES: Women's Union and Youth Union of Quang Ninh province

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PROJECT OBJECTIVES

3.1. Overall objective:

The project is aimed at mobilizing the coastal community of Ha Long Bay to participate, voluntarily and proactively, in waste collection and reduction of plastic waste along the Ha Long Bay, contributing to protection of residents' health, Ha Long Bay's ecosystem and the Ocean.

3.2. Specific objectives, expected outputs and activities:

Objective 1: Raise awareness and capacity on integrated domestic waste and ocean plastic waste management for the local community, municipal and ward officials, and social organizations.

Objective 2: Develop and pilot a community-based model for integrated domestic waste management and "say no to plastic waste" in Ha Long City, contributing to reduce ocean waste (to 2000 metric tons of segregated wastes during two years of the project implementation).

Objective 3: Propose technical solutions and policies on the integrated domestic waste and ocean plastic waste management in the coastal wards of Ha Long City to be submitted to the Provincial Party and PPC for consideration and approval.

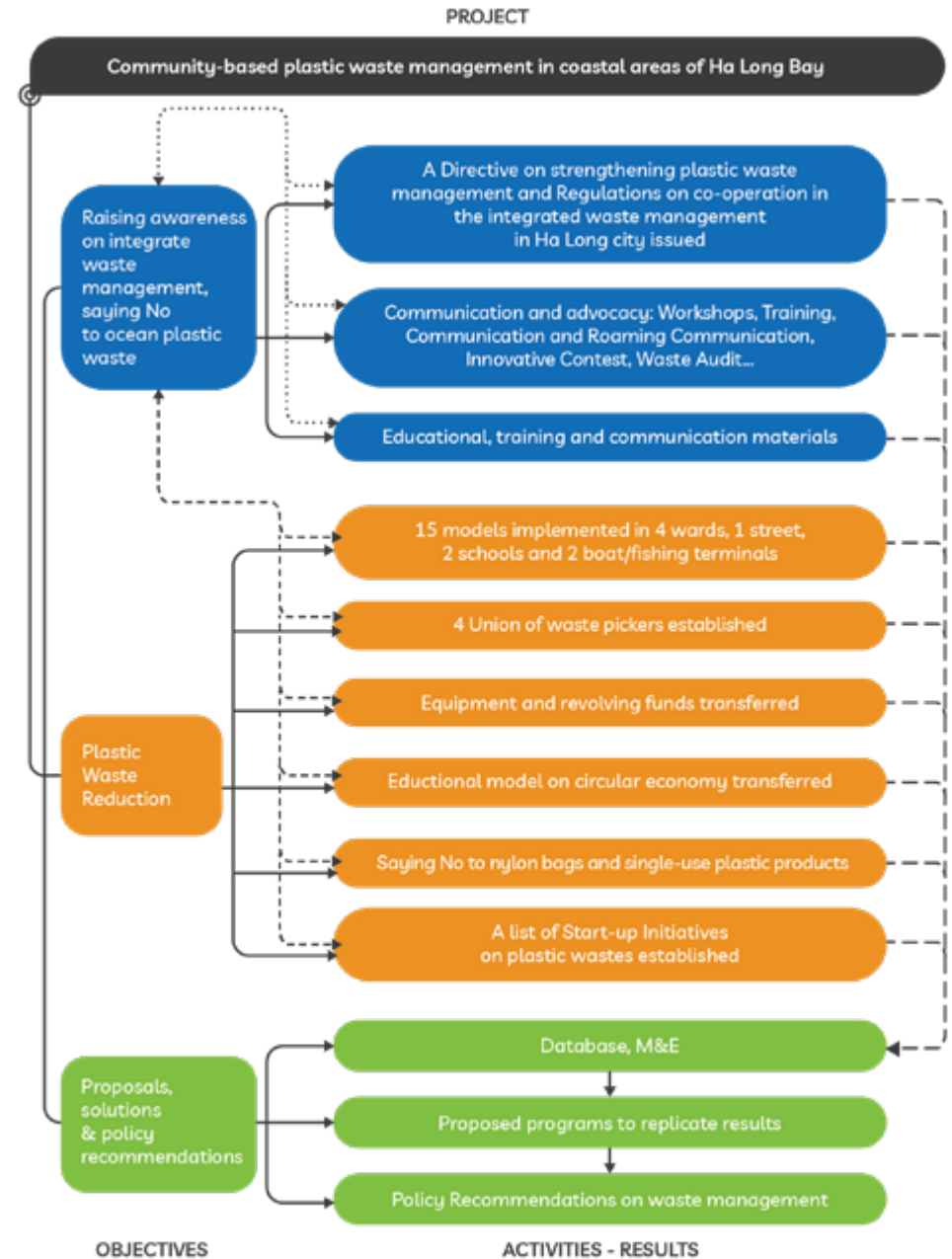


Figure 8: Project Results

OBJECTIVE 1:

Raise awareness and capacity on integrated domestic waste and ocean plastic management for the local community, municipal and ward officials, and social organizations.

Output 1.1:

A Directive on “Strengthening waste management and plastic waste reduction across Quang Ninh province and a Regulation on “Cooperation in the integrated domestic waste management in Ha Long city” will be issued with a view to disseminating relevant information about the directive and the integrated management of domestic, plastic wastes and ocean plastic among municipal officials and members of local social organizations.

Activity 1.1.1: Arrange a study visit for 15 representatives from local social organizations, Provincial People’s Council, Women’s Union, Department of Natural Resources and Environment (DONRE); Department of Planning and Investment (DPI); Ha Long City People’s Committee (CPC); Ha Long Bay Management Board, City’s Public Work Services and Tourist Boat Enterprise to visit and learn experience in the integrated domestic waste management in Hoi An City - Quang Nam province.

Activity 1.1.2: Issue the Decision to establish a Steering Committee and an Executing Board and draft a regulation on cooperation in the domestic waste management in Ha Long City

Activity 1.1.3: Launch a project inception workshop on disseminating the Directive; and discussing to reach consensus on a plan of actions and coordination among stakeholders to implement the project.

Source: Internet



Source: Internet

Output 1.2:

Relevant communication messages will be compiled, a set of comprehensive and thematic communication materials will be published, and mobile communication tools and devices will be procured.

Activity 1.2.1: Develop and implement a pilot waste auditing program at five (5) sites (Tuan Chau residential area; Ha Phong fishing village; fishing ships, schools and offices) with the aim of raising public awareness, documenting the current state of domestic waste management and collecting relevant information about domestic waste to be used as a baseline for the project evaluation.

Activity 1.2.2: Compile comprehensive and thematic communication materials on plastic waste.

Activity 1.2.3: Procure mobile communication tools and equipment such as projection screens and projectors, laptops, cameras, speakers, micro-phone, tables, boards; frames; TV sets (connecting to computers for thematic communication campaigns).



Output 1.3:

Awareness and capacity for the integrated management of domestic and plastic waste and ocean plastic will be improved.

Activity 1.3.1: Integrate communication campaigns on plastic waste reduction and its damages, and reduced use of non-biodegradable plastic bottles, containers and bags in local cultural events.

Activity 1.3.2: Launch 15 ward-level communication campaigns to raise public awareness of plastic waste classification, collection and treatment activities through the interaction among organizers and their audiences in order to engage local households, fishermen to participate.

Activity 1.3.3: Launch 5 communication campaigns in secondary schools and provincial children's cultural palace to raise awareness on plastic waste among youth and students in wards in the project area.

Activity 1.3.4: Launch a communication campaign at Ha Long market No.3; Tuan Chau market-day/fair in Ha Long city to raise awareness of plastic waste and distribute degradable plastic products to replace single-use plastic products.

Activity 1.3.5: Establish a team of key communication practitioners to raise public awareness of the 3Rs and plastic waste reduction.

Activity 1.3.6: Launch four campaigns to clean up the coast of Ha Long Bay, and two programs to celebrate the World Environment Day (WED).

Activity 1.3.7: Organize an organic vegetable and "say no to plastic bags" stall at the OCOP fair (One Commune One Product) which takes place every year at Quang Ninh Provincial Exhibition & Convention Center.

Activity 1.3.8: Design and organize a contest on initiatives to collect, sort and treat plastic wastes (with using communication materials) and to minimize the consumption of single-use plastic bottles, containers and bags etc.



Source: Internet

OBJECTIVE 2:

Develop and pilot a community-based model for integrated domestic waste management and “say no to plastic waste” in Ha Long City, contributing to reduce ocean waste (to 2000 metric tons of segregated wastes during two years of the project implementation).

Output 2.1:

A community-based model for integrated waste management and “say no to plastic waste” in Ha Long will be developed and piloted.

Activity 2.1.1: Conduct surveys and workshops on development of the pilot models, develop workplans for each model to be implemented monthly, quarterly and annually, indicating implementation arrangements, assignment of duties, responsibilities, rights specified for each member.

Output 2.2:

Participants to the model will have awareness, capacity and skills improved to raise public awareness of 3Rs and ocean plastic waste reduction as well as other skills to raise public awareness of the model’s specific themes.

Activity 2.2.1: Organize training and communication programs to improve knowledge and capacity to implement activities under the pilot models.

Output 2.3:

Equipment and support to a loan program will be provided for models in order to sustain and promote their effectiveness.

Activity 2.3.1: Develop and implement a program on support of livelihood improvement, loans and equipment. Establish an association of waste pickers (will be decided by the Women’s Union of Ha Long City). In order to enable this association to operate and promote roles of its members, the project will develop a livelihood model and support the project’s loan capital (through a specific plan on livelihood model).

Activity 2.3.2: The program shall provide loans or equipment for collecting easily decomposing wastes at the model on rubbish bin routes, the model of sea tours and the model for compost fertilizer cooperatives; and the Kyaka rowing tour for picking up trash.

Activity 2.3.3: The program on loans shall support the presentation of environmental friendly products at Ha Long market 3 during its fair “no nylon bags and single use plastic items”.

Activity 2.3.4: The program shall provide technical support for the experimental gardens (equipment, skills, materials, etc.) at models for plastic waste reduction in schools.

Activity 2.3.5: The program on rattan baskets shall be implemented at Ha Long market 3 involving 55 women representing business households who regularly go shopping in the route model.

Activity 2.3.6: The program shall provide support of equipment and tools for replacing single-use plastic bottles for all working rooms at inter-agency office building No.4, the Secondary School Le Thanh Tong and three wards (Tuan Chau, Ha Phong, Hong Hai) in the project area.



Output 2.4:

By mid-2021, it is expected that there will be 75% of households of Tuan Chau ward; 36 households in Area 8 of Ha Phong ward; 18 households in the 6B Area, Ha Phong ward to apply 3Rs and composting; and 36 fishing boat owners to carry collected wastes to Ha Phong wharf; 505 sightseeing boats and overnight boats on Halong Bay to use environmental friendly plastic products and 3112 students to understand the circular economy, and all buyers and sellers in one market to use rattan baskets for shopping.

Output 2.5:

A start-up initiative for plastic waste will be recognized with the active participation of local businesses, especially start-up businesses.

Activity 2.4.1: Households of Ha Phong and Tuan Chau wards; members of fishing boats, members of tourist ships, etc. Will apply 3Rs for plastic waste at source by using garbage bins and consuming environmental friendly products.

Activity 2.4.2: Deploy, consult, guide, provide equipment and tools to ensure the use of environmental friendly water containers to replace single-use plastic bottles in all working rooms at inter-agency headquarters No. 2,3,4, Secondary School Long, Ha Long CPC and People's Committees of 04 wards (Tuan Chau, Ha Phong, Hong Hai, Hong Ha) in the project area.

Activity 2.5.1: To take up a challenge of ocean plastics in Quang Ninh by calling for creative ideas, products / services and business models that can help address the problem of ocean plastic waste in the Quang Ninh seaways.

Activity 2.5.2: Provide support of training / capacity enhancement for winners.

Activity 2.5.3: Provide support for testing.

Activity 2.5.4: Provide support for integrating results gained by the project into provincial policies. Undertake a research on networking of registered start-ups businesses engaging in plastic waste reduction.

Output 3.1:

A database on domestic waste monitoring and evaluation and the project's models will be established and acknowledged.

Activity 3.1.1: Undertake waste audits at pilot models of the project.

Activity 3.1.2: Synthesize collected data on the monitoring and assessment of waste composition and the project's models.

Output 3.2:

Programs to implement activities and replicate project results will be developed and the model for integrated domestic waste management (which was successful in Hoi An) will be applied taking into account local conditions of Ha Long City.

Activity 3.2.1: Develop a program on the networking and coordination of integrated waste management activities in Ha Long City.

Activity 3.2.2: Develop a plan for integrated domestic waste management.

Activity 3.2.3: Develop a project proposal on technical solutions and policy recommendations for integrated management of domestic waste and ocean plastics in coastal wards of Ha Long City.

Activity 3.3.4: Organize a workshop to share experiences and disseminate project results and connect international project programs, social organizations and businesses towards achieving integrated domestic waste management; and call for investment; gather comments on proposed solutions and recommendations for integrated domestic waste and ocean plastics management in coastal wards of Ha Long City.

OBJECTIVE 3:

Propose technical solutions to and policies on the integrated domestic waste and ocean plastic management in the coastal wards of Ha Long City to be submitted to the Provincial Party and PPC for consideration and approval.

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SUMMARY OF PROJECT COMMUNICATION ACTIVITIES



Sites	Issues	Target Group	Activities	Scale
Ha Long City	Ocean plastic pollution; 3Rs; "Say No to Single-Use Plastics".	Representatives of local people, authorities and agencies, social organizations in the city and province.	Workshops/voice and television broadcasts/included into provincial and city's communication campaigns such as the clean up the sea campaign/ contest on initiatives.../ circular letter to relevant agencies and associations/ posters at public places.	Ha Long Citywide.
Tuan Chau Ward	3Rs, Plastic waste collection.	Local communities (people, authorities and social organizations) / market management board.	Workshops/voice broadcasts/ posters/ meetings/ mobile communications campaigns/training of trainers/ communication materials/ Green Sunday/Contest on Initiatives.../ Brochures.	In the whole ward (743/2776 people).
	Shopping baskets, use of bags made of biodegradable materials, leaf-wrapping replacing nylon bags.., at Tuan Chau Market Day/Fair.	Business Households.	Posters/ training of trainers/communication materials.	30 business households.
Tuan Chau Port	3Rs Collection of plastic wastes/A stall selling environmentally friendly products to replace single-use plastics.	Cruise ships and tourists.	Voice broadcast; mobile communication campaigns/ posters/ training of trainers, replication.	Among 388 ships and 1940 crews.
Ha Long International Port, Restaurant Sen A Đông	3Rs Collection of plastic wastes/A stall selling environmental friendly products to replace single-use plastics.	Sungroup/ Dong Duong Yacht Co., Ltd .	Posters. voice broadcasts/ training of trainers.	Among 117 vessels/ 585 crews.

Sites	Issues	Target Group	Activities	Scale
Ha Phong Ward	3Rs, plastic waste collection.	Local communities (people, authorities and social organizations) in Zones 8 and 6B, Ha Phong Ward.	Workshops/voice broadcasts/ posters/ meetings/ mobile communications campaigns/training of trainers/ communication materials/ Green Sunday/Contest on Initiatives.../ Brochures.	2200 people totally including 351 households/ 1726 people/ fishing village (Zone 8 Ha Phong Ward); 423 rural households/ 1471 people (Zone 6b Ha Phong ward).
	3Rs, Plastic waste collection.	Fishing ships	Workshops/voice broadcasts/ posters/ meetings/ mobile communications campaigns/training of trainers/ communication materials/ Green Sunday/Contest on Initiatives.../ Brochures.	325 fishing ships.
A Pilot Road from the Convention Centers (Hong Ha Ward) to the Quang Ninh TV station in Hong Hai wards	Use of shopping baskets; 3Rs; plastic waste collection.	Residents residing along roads.	Posters, voice broadcasts, mobile communication campaigns/ training of trainers/ communication materials ; stall of organic vegetables without using nylon bags and single-use plastics...	55 business households.
	3Rs; plastic waste collection	Female waste pickers.	Workshops/training of trainers/ communication materials/ establishment of women's unions.	80 members.
	Shopping baskets/stall of product replacing single-use plastics at Ha Long Market No, 3 (Hong Hai Ward).	Business house3holds/ market management board.	Posters, voice broadcast; and training of trainers.	50 business households (at Ha Long Market No.3).
	3Rs- imitation of the experiment of a circular economy.	Students of two secondary schools Ha Long and Le Thanh Tong (in Hong Ha Ward).	Including into curriculum/learning models/other events/ every Monday /posters/ contests on initiatives...; leaflets distributed to their parents.	1.988 students including 720 (Le Thanh Tong school); 1.268 (Ha Long school)
	No Use of Plastic Bottles and Nylon Bags.	Staff and employees in the inter-agencies No. 2, 3, 4/Offices of city and ward level People Committees.	Posters, workshops, meetings/ Green Sunday/Contest on initiatives.../Monitoring of plastic waste reduction activities by the National Father Front agencies.	45 agencies/500 staff.



5 MODELS AND PROJECT IMPLEMENTATION SITES

Name of Models	Location	Model	Target Groups	Scale	
				Pilot Model	Participation
Pilot models of Tuan Chau Ward	Residential area.	3Rs, plastic waste collection.	Members of women's and youth unions, people, authorities.	73 households (10% of a total households).	743 households/2776 persons in the whole ward.
	Market Day Morning/ Afternoon at Tuan Chau.	Use of shopping baskets and bags made of biodegradable materials.	Business households.	30 Business households (100%).	
Pilot Models of Zones 6B & 8 Ha Phong Ward (Ha Phong fishing village)	Residential area in Zone 8, Ha Phong Ward.	3Rs in households and fishing ships.	Members of women's and youth unions, people, authorities.	36 households from 36 fishing boats (> 10% of the fleet in Ha Long).	351 Households/1726 people/ fishing village (Zone 8 of Ha Phong ward).
	Residential area in Zone 6b.	3Rs and Composting.	Members of women's and youth unions, people, authorities.	18 households (cooperative).	423 households/ 1471 rural people (Zone 6b of Ha Phong ward).
Pilot model – Ship port	Tuan Chau tourist area.	3Rs/ Stalls of alternative products.	Au Lac Ltd. Co.	01 stall at the port.	
		3Rs/ No use of single-use plastics.	Cruise ships.	38 Cruise ships (10%).	388
	Ha Long international ship port.	3Rs/ No use of single-use plastics.	Dong Duong Yacht J.S Co.	14 night stay ships.	117 ships.
		Stalls of alternative products to single-use plastics.	Sun Lmt.Co.	01 stall at the port.	
A Pilot model on Road from the Convention Centers (Hong Ha Ward) to the Quang Ninh TV station in Hong Hai wards	Ha Long Market 3.	Use of shopping baskets and bags made of biodegradable materials.	Business Households.	55	The whole business households of the market.
		Stalls of alternative products to single-use plastics.	Business Households.	01 stall.	
	02 Secondary schools Ha Long and Le Thanh Tong.	Education model/ experiment of a circular economy.	Elementary and secondary school students.	800 students (300 from Le Thanh Tong; 500 from Ha Long school).	1988 students (720 from Le Thanh Tong; 1.268 from Ha Long school).
	The inter-agency office buildings No. 2,3,4; Ha Long Bay management Board; CPC and ward level PCs of Tuan Chau, Ha Phong, Hong Ha.	Say No to single-use plastics.	Staff of agencies and departments and social organizations.	35 agencies of the inter-agency office buildings 2,3,4 (400 persons).	All the agencies.
	5 coastal wards of the city.	Union of waste traders.	Female waste pickers.	5 unions of /80 members.	



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