

WWW.TONTOTON.COM

AUGUST 2022

HẢI PHÒNG: THE STORY SO FAR



PROJECT DESCRIPTION

Vietnam is the 4th largest contributor to marine plastic pollution globally, with an estimated 2,500 tons of plastic waste discharged across Vietnam daily.

Next to every recyclable PET bottle, there is a valueless wrapper, cup, or styrofoam box abandoned. With no traders and therefore no solution, TONTOTON specializes in creating a market for all types of mismanaged plastic where there is none. Powered by plastic credits, we are incentivizing the removal of valueless, non-recyclable plastic waste, including them in circularity. TONTOTON have 3 collection centres across the country.

TONTOTON work in Hồ Sen, Kiến Thụy district, Hải Phòng city in the north of Vietnam. The city covers an area of approximately 100 square kilometers and the resident population is estimated to be 10,000 people. Plastic waste usually accounts for 10-15% of the total waste in the area but with the absence of formal waste-management solutions tackling the problem, people mix all types of garbage together and throw in illegal dumpsites and waterways or burn causing toxic air pollution.

OUR GOALS

- *Design the project by working with the informal sector to pay a stable trade price per kilo for all types of mismanaged post-consumer plastic*
- *Conduct surveys on the disposal and consumption behavior of the local community and informal waste collectors*
- *Provide flyers and distribute them to local communities to inform and educate them about the project*
- *Supply PPE for waste collectors*
- *Buy non-recyclable plastic from local communities and treat them through co-processing at a local cement plant, turning no-value waste to energy.*
- *Encourage local authorities to join TONTOTON in distributing flyers*
- *Collaborate with women's unions, farmers, and other associations to influence change*

THE SITUATION IN HẢI PHÒNG

Hải Phòng is a major port city in northeastern Vietnam, across from Cat Ba Island. Due to the rapid growth of the region generated by tourism, the province is struggling to handle the amount of waste. Without a formal, effective solid waste management system, the communities and environment of Hải Phòng are highly effected by dumping in the river and ocean, and open burning of plastics.

There is a multiplication of illegal dumpsite in the area but the most extensive is situated just off the main highway. For many years now, people around Thuy Nguyen district, Hải Phòng city have suffered the consequences of pollution from this open-air landfill. The landfill has been operating for 7 years, forcing the surrounding residents to live with the stench and flies, locking their doors every day as the waste rots to an unbelievable level.

Adjacent to the landfill is a market, where trade is concentrated, however when it's windy the smell is so strong many people have to close their shops and no longer sell their goods. Those who persist are reported to go to extreme lengths by placing the peel of a grapefruit over their nose and wear a mask to make it easier to breathe.

Thus, there is an urgent need for a solution to the waste in this region. This report details TONTOTON's progress so far in tackling the plastic in the Kiến Thụy district.



SURVEYING THE AREA



DECEMBER 2021

At the end of 2021, TONTOTON began surveying on the situation of plastic waste in Quang Yen, Ha Long (Quang Ninh) to determine if the project was within our scope of expertise to take on.

The feasibility assessment included sourcing collectors to partner with, defining the quantity of mismanaged waste.



COLLABORATION

DECEMBER 2021

TONTOTON began working with the Deputy Director of Lam Thach Cement Company to provide them with the plastic waste from Hai Phong as an alternative fuel source.

JANUARY 2022

The first sets of PPE were given to 30 waste collectors in the area

APRIL 2022

TONTOTON, the Department of Natural Resources and Environment of Southern provinces in Vietnam discuss the situation of solid waste in Hai Phong and the organic waste incubation model for Kien Thuy district

AWARENESS



SEGREGATION OF WASTE FROM THE SOURCE

1. NON-RECYCLABLE PLASTICS - TONTOTON COLLECTS

- Single-use plastic such as plastic bags, snack packaging, straws, noodle boxes,...
- Old clothes, shoes, mattresses without metal...
- Styrofoam boxes, dead plastics, and broken fishing nets

Note:

- MOISTURE CONTENT < 10%
- MEASUREMENT 2D LESS THAN 50CM
- METAL REMOVAL

2. ORGANIC WASTE

Such as: Leftover food, vegetables, tubers, damaged fruit, tea residues, grass, cashew shells, coffee shells...

3. OTHER WASTE

Such as Light bulbs, broken electronic metals, milk boxes, tetra bags, composite plastics,...

Please contact: TONTOTON - Tuyết (Halley) - 0962 836 459
Collector's name:

APRIL 2022

TONTOTON conducted surveys with 100 people on their perceptions towards the situation of coastal waste in Hai Phong.

Flyers were distributed and a waste classification training held with households in Ho Sen Town of Kien Thuy district together with Vice Chairman of town, Farmers' Union, Women's Union as an alternative, responsible disposal solution.



HOUSEHOLD SEGREGATION

MAY 2022

A collection for household plastic waste began in Ho Sen town after a successful training

Waste classification workshops expanded to Tho Xuan residential quarter of Kien Thuy district

Nhan Dan TV filmed a feature on waste classification in households which can be watched following the link below:

<https://nhandantv.vn/20-00-moi-truong-va-tn-huong-toi-xu-ly-chat-thai-ran-ben-vung-d203588.htm>



BỘ TÀI NGUYÊN VÀ MÔI TRƯỜNG

LỄ TRAO GIẢI

GIẢI THƯỞNG MÔI TRƯỜNG VIỆT NAM

Hà Nội, ngày 31 tháng 7 năm 2022



RECOGNITION

MAY 2022

READ MORE HERE:

<https://baotainguyenmoitruong.vn/trao-giai-thuong-moi-truong-viet-nam-nam-2021-va-giai-thuong-bao-chi-tai-nguyen-va-moi-truong-lan-thu-vi-342289.html>

After the release of Nhan Dan TV film on the activity in Hai Phong, TONTOTON were invited to join the 6th ENVIRONMENTAL AND RESOURCES PRESS AWARD competition where the film received Grade C award. The Vietnam Environment Award is the highest award in the field and awarded every two years to honor organizations, individuals and communities that have made great contributions in terms of effort and innovation for the cause of environmental protection. In addition, the Vietnam Environment Award is also an incubator for policy solutions and innovative models, contributing to the country's sustainable development.

COMMUNITY COLLABORATIONS



JUNE- JULY 2022

TONTOTON met with the head of Thanh Son commune along with the heads of the village, the representatives of the Women's Union, the Farmers' Union, the Village Warrior Association to begin garbage segregation at further households,

Training on household waste segregation expanded to new areas - Cam Hoan village, That Linh village, Tan Linh village and Tho Linh village.

Local people joined collectors on a clean-up day in Thanh Son commune, Minh Tan commune to show appreciation.

IMPACT

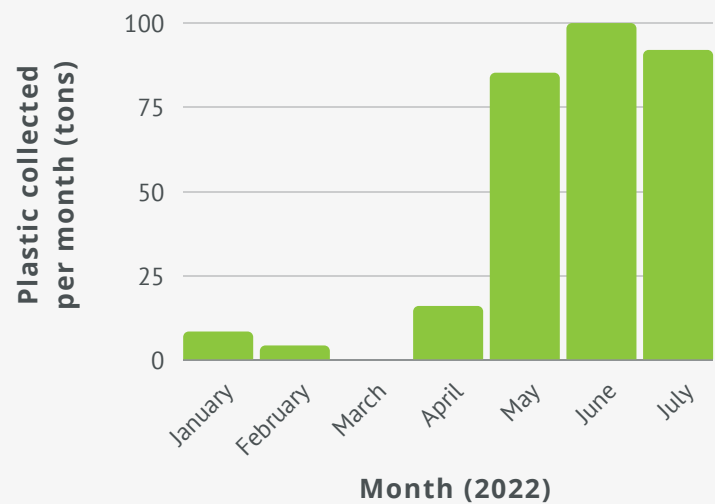
100%

WOMEN COLLECTORS

\$21.50

AVERAGE DAILY INCOME

50% of active plastic pickers in Vietnam collected 6000 kg or more in July, earning at least \$500 for the month. In August, all active plastic pickers collected 5000 kg or more. The minimum collector income for the month was \$412.30, showing the high income now available for informal collectors in the areas.



As the collectors began working with households to remove segregated waste in April - May, the tonnage of plastic retrieved increased massively. Currently a team of **30 women** work in **3 main communes** include **several villages** to collect the segregated plastic every week from **2500 households**.



If you have any questions or would like more information, please contact:

Barak Ekshtein

Founder

Email: info@tontoton.com

Tel: +84 93 767 03 44

Jess Kalisiak

Impact Manager

Email: kh9@tontoton.com

Tel: +855 96 386 0903



@tontotonlitter

www.tontoton.com

