



Project Track **1**

E-waste management and Reverse Logistics

GreenHub **Project**

Path of Collaboration: Saving the World
Together

Project Track 1

Green Hub Waste management



Thailand Post operates in accordance with ESG+E

principles—focusing on **Economy, Society, Environment, and Good Governance.**

Under the “ไปรษณีย์เชื่อมสุข” project, Thailand Post supports environmental sustainability by collecting and delivering unused items for processing through Upcycling and Recycling, following the Circular Economy model.

From 2020



Thailand Post organizes the “reBOX” campaign, inviting customers, the public, and organizations to donate used boxes and paper envelopes. These materials will be transformed into useful items and delivered to target groups in society.

Examples include table and chair sets, bookcases, BOX บัญ, กล่องรักที่สำผัสได้, and more.

Expanding

In 2025



Thailand Post organizes the “Green Hub” project, collecting four types of unused items and transforming them into new, useful product, creating value for a sustainable society and environment.

Examples include parcel boxes, plastic mailing envelopes, school uniforms, and more.

โครงการ “Rebox : GREEN HUB” Project Track 1

Connecting Every Relationship to Every Success

Green Hub Waste management

Environment



Vulnerable Groups

Children and women
People with disabilities
Elderly people
Labor groups



Participation and Stakeholders

Internal Agencies/Personnel
Community and Society
Partners
Customers
Vendors



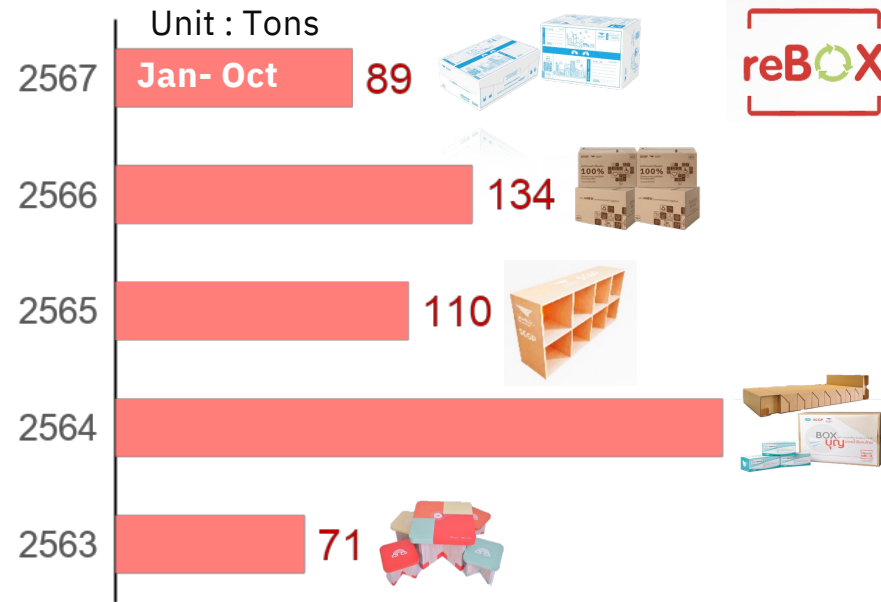
Connectivity: Universal Principles



Advocating for the Promotion of Human Rights

At both the social and community levels in their entirety

Past Performance



ปี 2566

- กล่องรักที่สัมผัสได้ delivered to 4 organizations.
- Universal Foundation for Persons with Disabilities
- Thailand Association of the Blind
- Thai Association of the Blind Community
- the Association of the Physically Handicapped of Thailand

ปี 2565

- Bookshelves were delivered to 220 Border Patrol Police Schools and “Wattanatam” schools in the Lao PDR

ปี 2564

- Paper field beds
- Medical face masks packed in “BOX บุญ” delivered to hospitals nationwide (all 4 regions)

ปี 2563

- Table and chair sets were delivered to 218 Border Patrol Police Schools.



Since 2022

Receive 1 Post Family Point* for every donation made



Collect boxes/envelopes for recycling

>600 Tons

Since 2023 - Present

Reduce greenhouse gas emissions

>3,500

tons of carbon equivalent

ครอบครัว Post Family

>4,500

tons from participating in the project

หมายเหตุ

- 1) Earn 1 point for every 30 baht spent.
- 2) Post Family points can be redeemed for discounts and rewards.

Invite others to transform unused items into new products, creating benefits for society and the environment in a sustainable way.

Past Performance

| Campaign/Type of Waste | Green Hub Partners | RESULT |
|------------------------|--------------------|---|
| | | <ul style="list-style-type: none"> Electronic equipment received: 1,881 kg Greenhouse gas emissions reduced: 8,465.04 tons of carbon dioxide equivalent |
| | | <ul style="list-style-type: none"> Tables and chairs Field beds/Facial masks กล่องรักที่สัมผัสได้ <ul style="list-style-type: none"> Boxes and bags received: 101,049 kg Greenhouse gas emissions reduced: 573 tons of carbon dioxide equivalent |
| | | <ul style="list-style-type: none"> Mail bag <ul style="list-style-type: none"> Stretched plastic received: 230.8 kg Greenhouse gas emissions reduced: 61.43 tons of carbon dioxide equivalent |
| | | <ul style="list-style-type: none"> Producing student uniforms using plastic fibers. <ul style="list-style-type: none"> PET plastic received: 247 kg Greenhouse gas emissions reduced: 0.44 tons of carbon dioxide equivalent |
| | | <ul style="list-style-type: none"> Plastic pellets are used to produce items such as plastic boxes, shelves, and more. |
| | | <ul style="list-style-type: none"> Prosthetic legs made from aluminum under royal patronage. <ul style="list-style-type: none"> Aluminum received: 6,731.2 kg Greenhouse gas emissions reduced: 61.43 tons of carbon dioxide equivalent |

Goals in 2025

| | |
|--------------------------------|--------------------|
| Volume of electronic equipment | 10,000 KG. |
| Volume of boxes and envelopes | 100,000 KG. |
| Volume of stretched plastic | 4,000 |
| Volume of PET plastic | 3,000 |
| Volume of PP plastic | 3,000 |

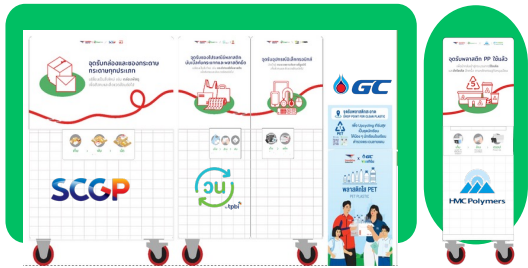
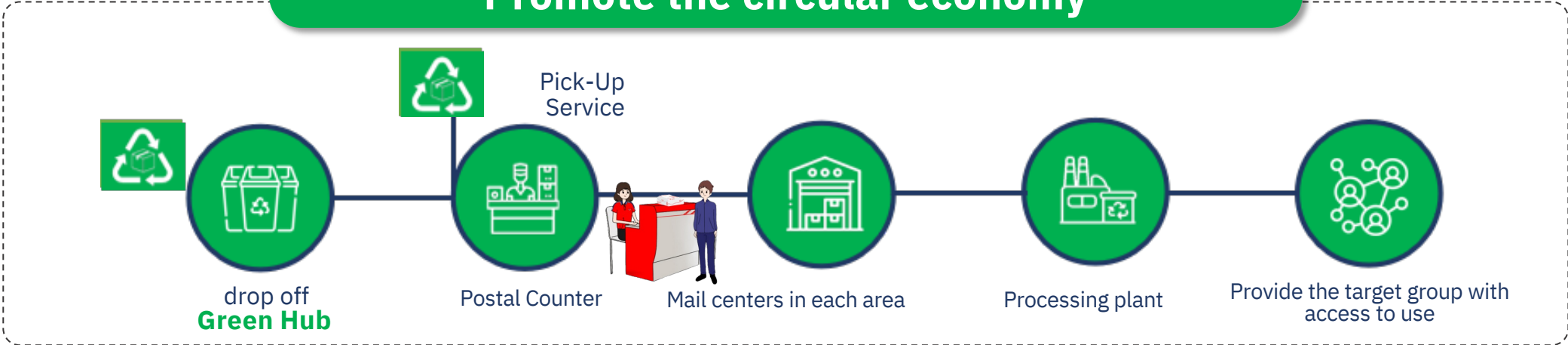


หมายเหตุ 1) Earn 1 point for every 30 baht spent.
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Receive 1 Post Family Point* for every donation made

Invite others to transform unused items into new products, creating benefits for society and the environment in a sustainable way.

Promote the circular economy



Path of Collaboration: Saving the World Together



Project Track 1

Green Hub Waste management

“Environmental Partners”

People: Free shipping nationwide

Thailand Post: Special postage charges

Campaign Organization: Pay special postage charges

- 1 People can collect the items and place them in a box or sealed envelope (weighing 5 kg per box) to participate in the project free of charge.**

Sent from post offices nationwide.



Unused items



Action



Public relations for the project via shared communication channels.



Collaborative news photography during project implementation



Measuring the media value resulting from shared public relations activities

- 2 Support pick-up service for large quantities of unused items and transport them to destinations at special rates.**

Project Track 1: E-waste management and Reverse Logistics

A Sustainable practice initiated by Thailand Post

True Mini Kiosk Dismantle Project



Dismantling

by Postman Cloud internal – teams.



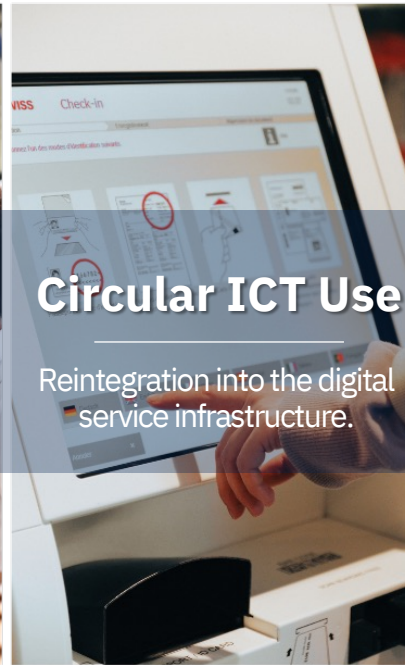
Logistics

Optimized internal logistics network.



Refurbishment

OS upgrade at main facility.
*Carbon offset



Circular ICT Use

Reintegration into the digital service infrastructure.



Impact Snapshot

- Over 10,000 kiosks nationwide
- Utilization of unused logistics capacity = fewer trips, lower emissions.
- **E-waste risk reduction** through controlled reverse logistics
- Pathway to **Carbon Credit and Climate Finance mobilization.**



ESG Action Points

- Efficient use of existing resources.
- Circular infrastructure strategy
- Public-sector ESG leadership



Value Delivered to Stakeholders

Creation from Reverse Logistics by Thailand Post



Key Outcomes

▲ **10,000** kiosks successfully decommissioned



Partner

Reduced logistics and asset recovery costs.



Thailand Post

New revenue stream from reverse logistics services.



Government

Public-sector circular e-waste recovery model.



Social

Lower e-waste exposure in communities.

Project Track 1: E-waste management and Reverse Logistics

A Sustainable practice initiated by Thailand Post

Overview

- Similar to TRUE kiosks dismantling THP projects in utilizing **our postal network** in providing dismantling service of **200,000+** Optical Network Units (ONU) nationwide for National Telecom company (NT)
- Although **obsolete** these ONU's are considered as an asset to NT

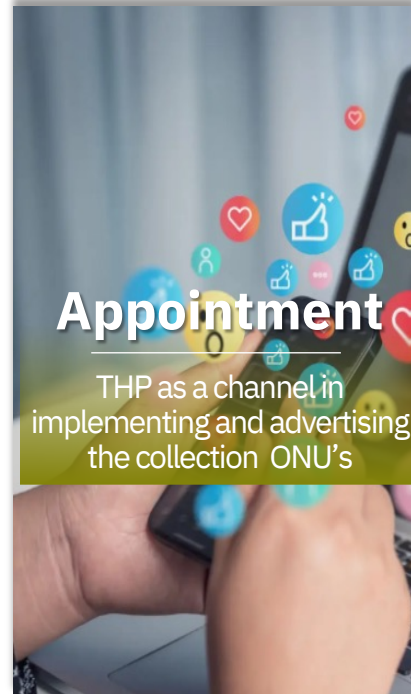


Expected outcomes

- **THP** as a partner in providing service of collecting **WEEE and other assets** for our customers/ clients
- **Leverage** existing infrastructure in efficiently employing route and storage optimization of our delivery network
- **Distinguish** from other domestic logistical providers in contributing to climate resilience and responsibility in promoting and encouraging sustainable practice and **“circular economy”**
- **Uplifting** productivity through high-value added service generating non-traditional revenue streams



“National Telecommunication company” ONU Dismantling Project



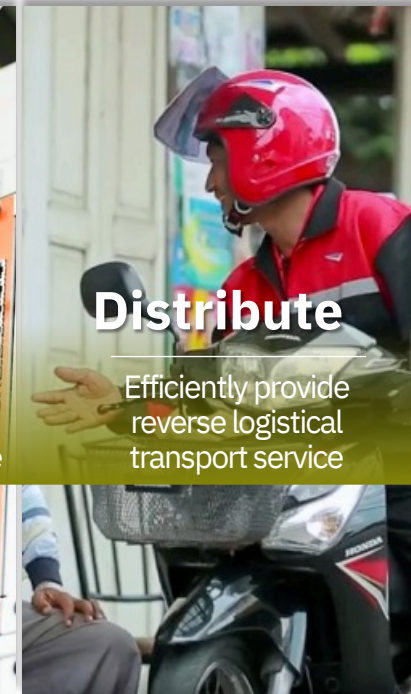
Appointment

THP as a channel in implementing and advertising the collection ONU's



Dismantling

Door - to - door and THP branch drop off points in collection of obsolete e-waste



Distribute

Efficiently provide reverse logistical transport service



Allocation

Consolidate and allocated to customer's designated warehouse for storage/ recycling

Key resources

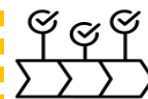
20,000+ Postmen

Total Delivery points

29 mil. Households

Daily Delivery points

Over 6 mil. Households



Current situation

Ongoing process in negotiating the terms of service of the project with NT

- Concluding both Requirements & Scopes as well as the desinating the costs of NT's ONU asset collection **“nationwide”**.