

Barak Ekshtein

Founder of TONTOTON

Session 5 : Circular Economy for Less Plastic Wasted



SEA of
Solutions

Thoughts?





Post-consumer non-recyclable plastic wastes are typically **mismanaged** and **abandoned** in the natural environment because the commodity market finds **no value** in them. They are the black spot in plastic waste management and we call them **orphan plastic**. Nobody wants anything to do with them, and **if we don't collect them, nobody will.**

THE IMPACT OF REMOVING NON-RECYCLABLE PLASTIC WASTE



Commercially Recyclable Removed



Non-Commercially
Recyclable Removed

The current situation:

The lack of adequate infrastructure for recycling resulted to poor waste management in vulnerable communities of Vietnam and Cambodia. In just six out of 10 Southeast Asian countries, 53% of plastic wastes are uncollected, leading to the multiplicity illegal dumpsites. It is a very problematic situation as it leads to soil pollution, toxic open-burning, river pollution, and ocean pollution.



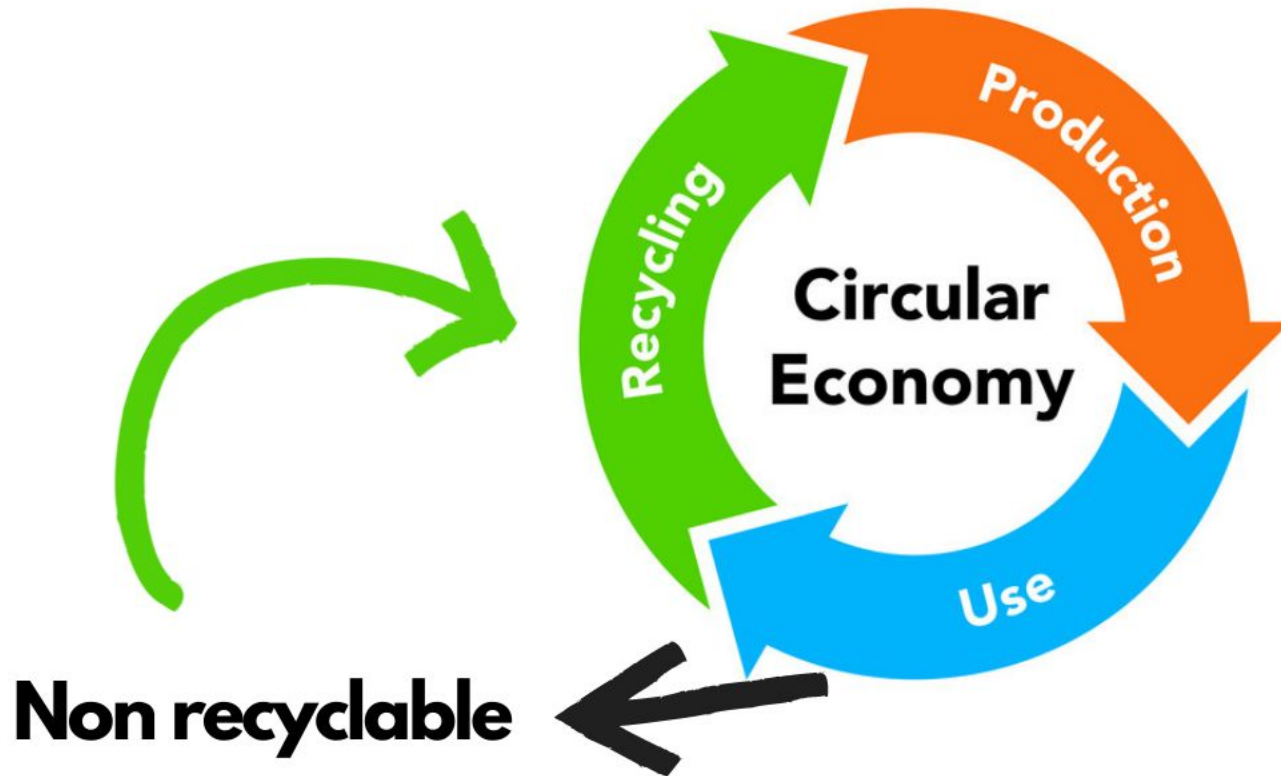
Hai Phong, North of Vietnam 26.04.2021



Sihanoukville, Cambodia 09.2021

Prime Goal:

Create a sustainable economic system to maintain clean areas



- **Create alternative plastic waste management solution in problematic areas**
Cleaning of untreated orphan plastic debris in the ocean-bound area through plastic credit
- **Provide local communities the means to create change in their environment and their own lives**
Through collecting centers, we allow the community to be part of the solution to their environment while earning extra income
- **Reduce CO2 emissions by 25% in cement production**
Reducing cost and CO2 emissions by replacing coal with post-consumer plastic waste through advanced co-processing.

**TON
TO
TON**



Plastic Neutralization Program



The Environmental and Social **IMPACT** of
PLASTIC CREDITS

Our Mission

from **Plastic Polluted**



to **Plastic-Free** paradise



Many Southeast Asian coastal and island communities are drowning in plastic wastes and this sight has become embedded in the threads of daily lives of these communities. TONTOTON aims to change this, through a certified system of **PLASTIC CREDIT**.



WHO WE ARE



TONTOTON is a business for PURPOSE created to help solve two main concerns:

- 1** Tackle the biggest threat to the oceans - **post-consumer, non-recyclable plastic wastes**. It has **no market value** and, therefore, can't be part of the **circular economy**.
- 2** Connect companies to the solution by **adding significant impact and purpose** to their brand, products, and **CSR strategy**



What we do



How does it work ?



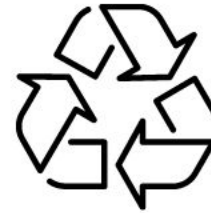
DEFINE YOUR IMPACT PLAN

Including **plastic credit as additional impact and purpose** to companies' CSR and Sustainability programs.



WE PICK PLASTIC WASTE

We collaborate with **local communities** to collect orphan ocean-bound plastic on your behalf



WE RECYCLE

We **co-process** all rescued plastic to generate **Alternative Fuels and Raw Materials (AFRM)**



JOIN THE MOVEMENT "PLASTIC WASTE-FREE NATION"

Your business helps **reduce the world's plastic pollution** through an environmentally and socially sound solution



1. Collection of Non-Recyclable Ocean Bound Plastic (OBP)

Through a certified plastic credit program following the **Ocean-Bound Plastic Standard**, we are able to create a system that allows the **removal of non-recyclable plastic wastes** in poor waste management coastal areas, therefore also helping **improve marine life**.

OCEAN
BOUND
PLASTIC



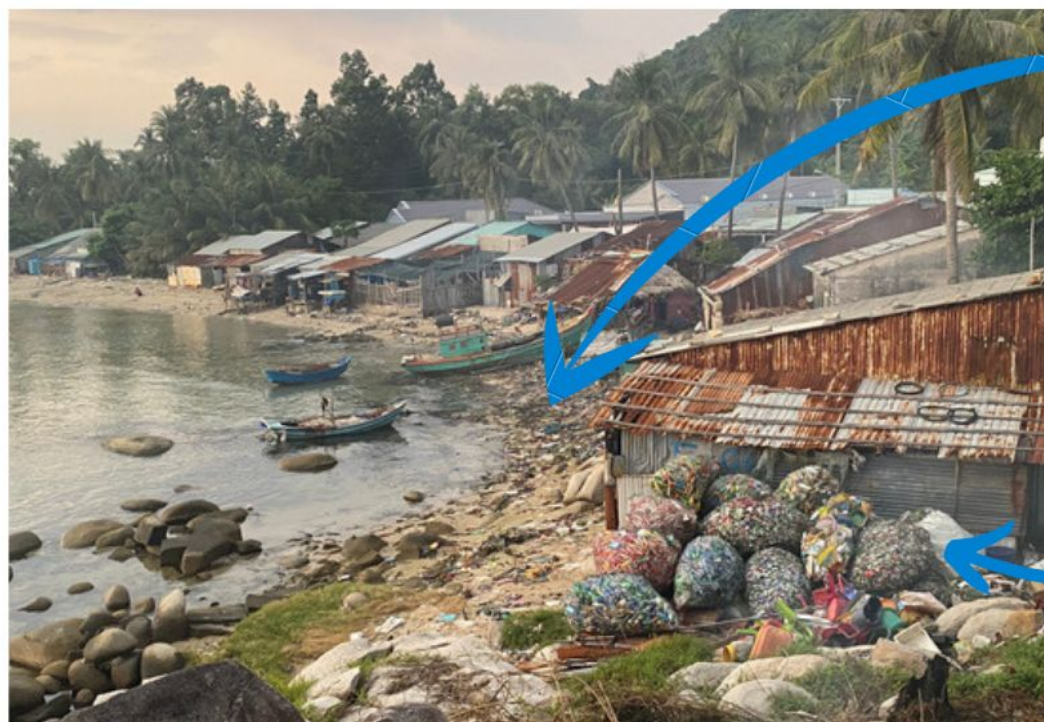
NEUTRALITY SUBPROGRAM

OBP NEUTRALIZATION SERVICES PROVIDER STANDARD



DOCUMENT TITLE OBP Neutralization Services Provider Standard
DOCUMENT CODE OBP-NEU-STD V1 EN
Ocean Bound Plastic Certification Scheme – www.obpcert.org

RELEASE DATE 8th of September 2020
©Zero Plastic Oceans | 16 rue de la Tannerie
56000 Vannes, France



**Non-
recyclable
plastics**



**Recyclable
plastics**



Hon Son Island, November 2020

Our 4 Pillars

2. Collaborate with local communities

1 NO POVERTY



Providing the local communities and informal waste pickers a tool to change their reality of plastic pollution while earning extra income in safer working conditions.



Phu Quoc Island, October 2020



Sihanoukville Cambodia, 2021



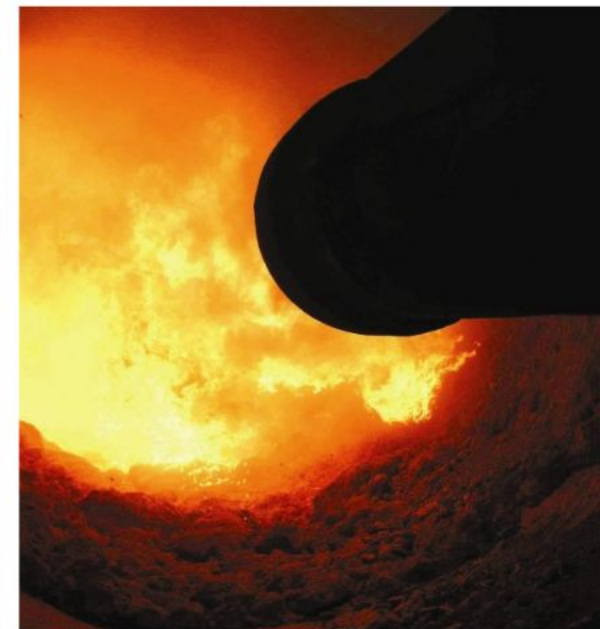
Hon Son Island, 2020

- Provide better equipment for **safer working conditions**: masks, shoes, gloves
- Provide access to the minimum **health insurance**
- Provide **sustainable earnings** to fight poverty



3. Valorize plastic waste collected

Co-processing is a technology that converts manufacturing waste into **AFRM (Alternative Fuels & Raw Materials)**. The energy reduces the need for conventional fuels, while the leftover ashes are used as a raw material in the production of cement, creating **zero waste**.



INSEE, Hon Chong Plant, Vietnam



Our 4 Pillars

4. Certified Solution



Created the Standard

- Approve Independent Control Bodies
- Approve Neutralization Certificates (NC)



3rd Party Control Body

They perform audit to:

- Skills of collectors
- Control OBP collected
- Quantity collected
- Quantity Valorized
- Approve NC

OCEAN BOUND PLASTIC NEUTRALIZATION CERTIFICATE

LEGAL INFORMATION															
NEUTRALIZATION CERTIFICATE NUMBER:	NEUCERT.877442_01.2021														
1. Certification Body issuing the certificate Associação Control Union Certificates Avenida Brigadeiro Faria Lima, 1485 São Paulo/SP - Brazil CEP 014052-002 Contact: Marjorie Platano	2. Certified organization requesting BKS VN Trading Service Co., Ltd (TONTOTON) Number 03/27 Quoc Huong Street, Thao Dien ward, district 2, Ho Chi Minh city, Vietnam														
3. Certificate issuance date: 15/07/2021	4. Organization scope certificate number and validity: CB77442OBP-NEU-02.2021 - 01/03/2022														
5. Beneficiary of the Neutralization Certificate (organization paying for the Neutralization services) ClimeCo LLC 1 E. Philadelphia Ave, Boyertown, PA 19512															
INFORMATION ABOUT THE OCEAN BOUND PLASTIC NEUTRALIZATION															
6. Amount of OBP neutralized in metric ton	75.38 MT														
7. Neutralization period	From 20/11/2020 to 29/06/2021														
8. Category and amount of OBP neutralized	<table border="1"><tr><td><input checked="" type="checkbox"/> Potential OBP</td><td>75.38 MT</td></tr><tr><td><input type="checkbox"/> Waterways OBP</td><td>-</td></tr><tr><td><input type="checkbox"/> Shoreline OBP</td><td>-</td></tr></table>	<input checked="" type="checkbox"/> Potential OBP	75.38 MT	<input type="checkbox"/> Waterways OBP	-	<input type="checkbox"/> Shoreline OBP	-								
<input checked="" type="checkbox"/> Potential OBP	75.38 MT														
<input type="checkbox"/> Waterways OBP	-														
<input type="checkbox"/> Shoreline OBP	-														
9. Source (location where OBP was collected) for Identity Preserved Supply Chain Model only	Phu Quoc & Hon Son island, Vietnam														
10. Treatment process of collected OBP. If several treatments were applied to the lot indicate the quantity corresponding to each treatment type in Metric Ton.	<table border="1"><tr><td><input type="checkbox"/> Disposed in approved sanitary landfill</td><td>-</td></tr><tr><td colspan="2">Thermal treatments</td></tr><tr><td><input type="checkbox"/> Controlled incineration</td><td>-</td></tr><tr><td><input checked="" type="checkbox"/> Co-processing in cement kiln</td><td>75.38 MT</td></tr><tr><td><input type="checkbox"/> Conversion to fuel by gasification or pyrolysis</td><td>-</td></tr><tr><td><input type="checkbox"/> Others</td><td>-</td></tr><tr><td><input type="checkbox"/> Other treatments (please specify)</td><td>-</td></tr></table>	<input type="checkbox"/> Disposed in approved sanitary landfill	-	Thermal treatments		<input type="checkbox"/> Controlled incineration	-	<input checked="" type="checkbox"/> Co-processing in cement kiln	75.38 MT	<input type="checkbox"/> Conversion to fuel by gasification or pyrolysis	-	<input type="checkbox"/> Others	-	<input type="checkbox"/> Other treatments (please specify)	-
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<input checked="" type="checkbox"/> Co-processing in cement kiln	75.38 MT														
<input type="checkbox"/> Conversion to fuel by gasification or pyrolysis	-														
<input type="checkbox"/> Others	-														
<input type="checkbox"/> Other treatments (please specify)	-														
11. OBP CREDITS SERIAL NUMBERS (BATCH NUMBER) 2021-1-CUC-POTENTIAL-MIXED-TONTOTON/1-VN-0.001-75.380															
12. Undersigned declaration The undersigned guarantees on behalf of CB that it has revised the provided documentation by the Organization mentioned in box 2, and can confirm that the OBP weight mentioned in box 6 and 8. Has been removed from the environment and treated as specified in box 10, according to the requirements of the OBP Neutralization Services Provider Standard.															
13. Authorized person signature on behalf of CB  Marjorie Platano	14. Stamp of CB 														

OBP-NEUCERT.DOS v01
Approved: 11/05/2021

1 / 1



Public Registry

Neutralization Certificates are kept in a Public Registry to ensure no double counting.



Business Impact

WIN - WIN - WIN

- 1** You can label your products as **"Plastic Responsible Product"**.



- 2** Your company becomes proactive in **reducing potential ocean plastic.**



- 3** You can let your stakeholders know about your **products with impact and purpose.**



- 4** You can tell your impact and purpose story in your **marketing campaigns.**

- 5** Be responsible and sustainable. Display your efforts towards the **UN Sustainable Development Goals.**

- 6** **Balance your environmental plastic footprint.** You can include how much plastic your company neutralized and communities you helped in your **CSR Reports.**

Our collaborations



THANK YOU



Plastic Neutralization Program



CONTACT

Website: www.tontoton.com

Office: +84-28-22537426

Email: info@TONTOTON.com

CORPORATE VIDEO



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