

Partnership for Sustainable Communities

through waste management

Engr. Ceidge M. Razon

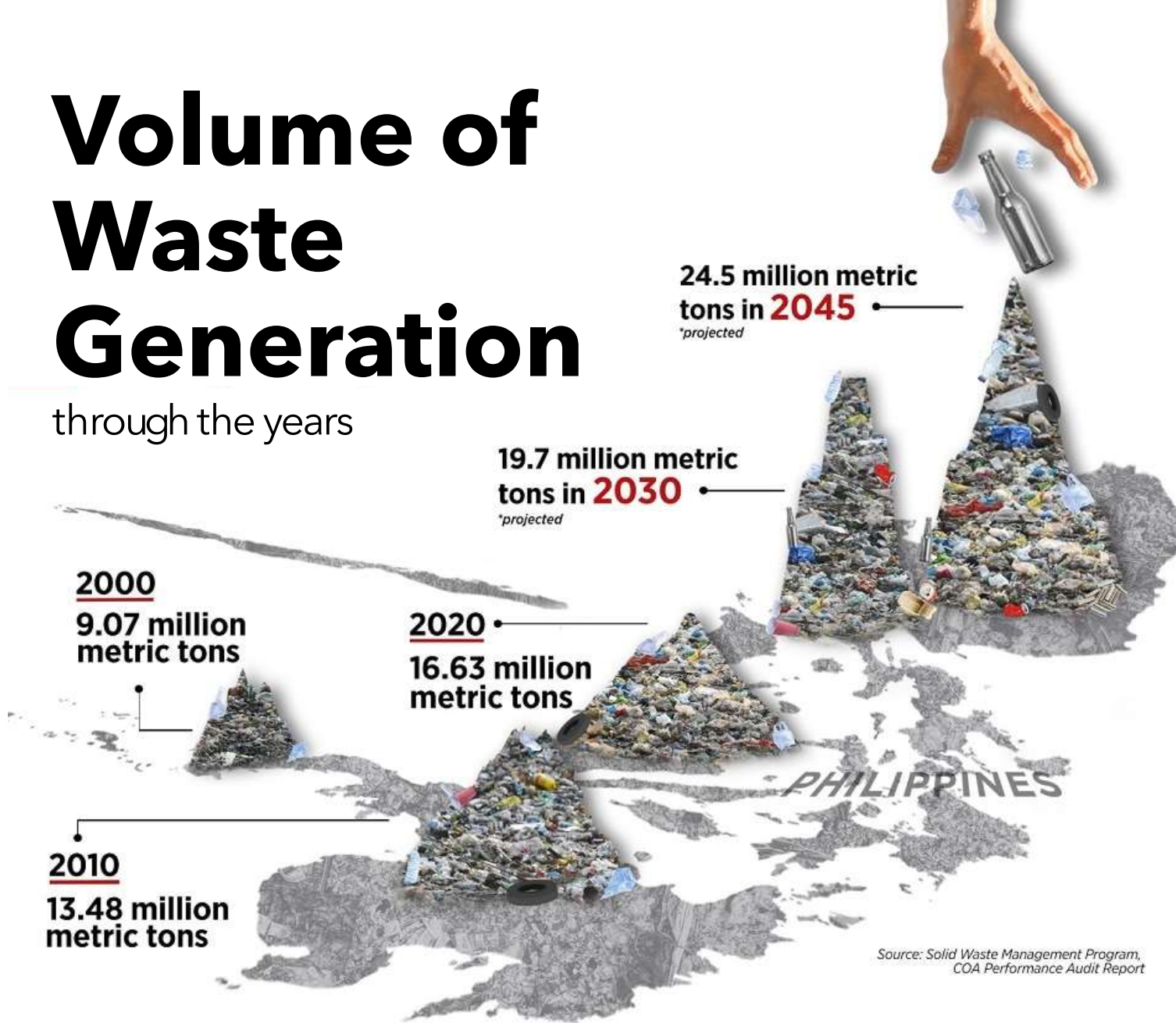
Corporate Sustainability Manager

Basic Environmental Systems and Technologies, Inc.



Volume of Waste Generation

through the years



Highest Ocean Plastic Waste Polluters

(annual estimation in metric ton)



It is estimated that 1 million metric tons of plastic waste enters the ocean every year, out of a total of 57.5 million metric tons.

This is particularly prevalent in tropical archipelago regions, which have a higher waste emission due to their relatively small land surface compared to the length of their coastline and high precipitation rates, which increase the likelihood of plastic waste being washed into the ocean.

Waste Management Challenges



- Increasing waste generation - Urbanization, Population & consumption
- At source segregation
- Backyard burning / Littering

- Need to increase collection rate
- Increasing costs (Hauling costs)
- Status of roads

- Sustainability of operations / closing of smaller brgy-run MRFs
- Working environment of sorters

- Logistical challenges (O&M, coding, etc.)
- Distance to SLFs
- Increasing costs (Hauling costs)

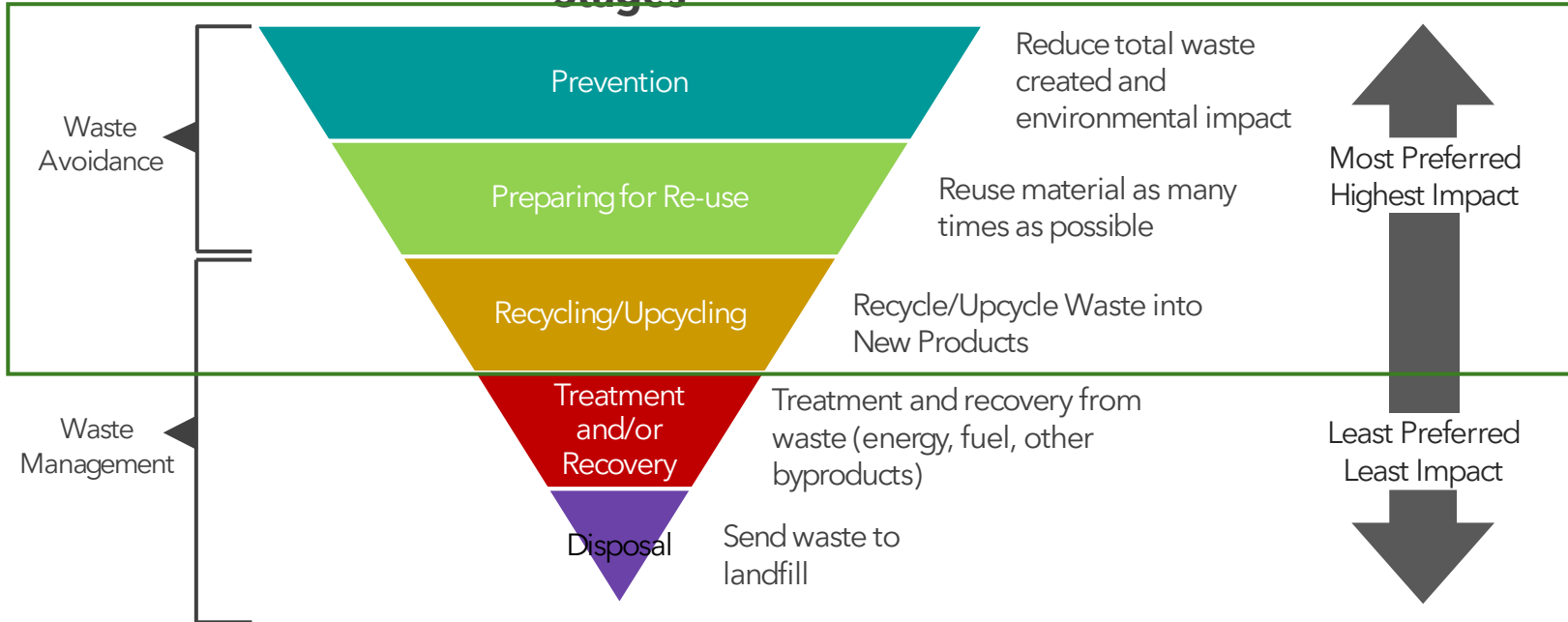
- Environmental Compliance
- Site conditions
- Sustainability of facilities
- Increasing costs (Tipping Fee)

End to end data information systems and analytics

Waste Management Hierarchy



Stages



Encompasses the systematic administration of activities which provide for segregation at source, segregated transportation, storage, transfer, processing, treatment, and disposal

ECOLOGICAL SOLID WASTE MANAGEMENT ACT OF 2000 (REPUBLIC ACT NO. 9003)

- protection of public health and environment
- maximize the utilization, conserve and recover valuable resources.

EXTENDED PRODUCER RESPONSIBILITY ACT OF 2022 (REPUBLIC ACT NO. 11898)

- Environmental responsibility of producers to the life-cycle of products
- Focuses on post-consumer or end-of life stage



BEST TRASH TO CASHBACK



**SAVING THE ENVIRONMENT
WHILE HELPING THE COMMUNITY,
— ONE RECYCLABLE AT A TIME**

5. RECYCLE

4. COLLECT

3. REDEEM



TRASH TO CASHBACK COMPONENTS

WHO ARE INVOLVED?

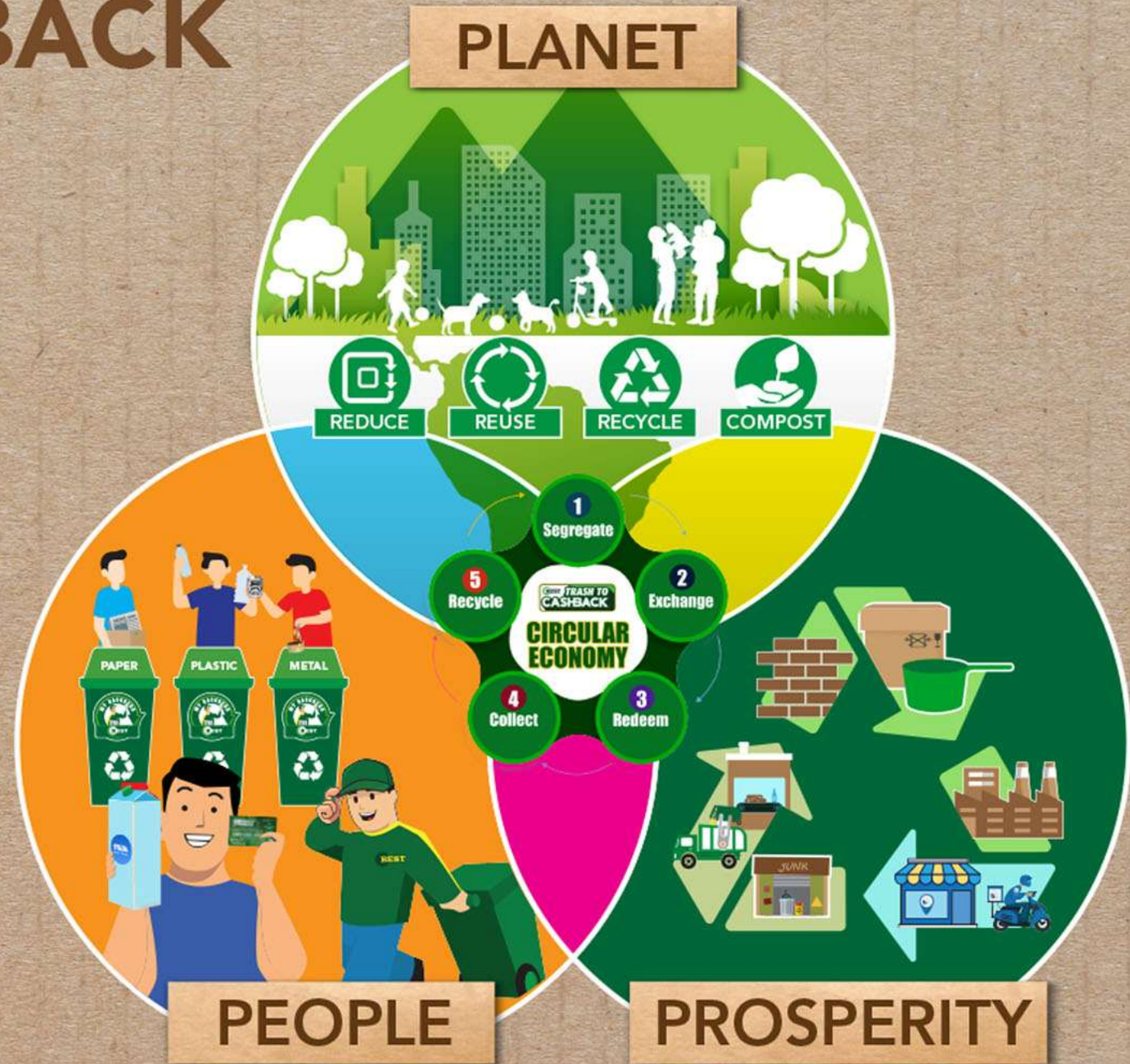
The Trash to Cashback Program connects Eco-Warriors (e.g., individuals, companies, LGUs, etc.) and waste management providers (e.g., recycling and upcycling partners, sanitary landfill operators, etc.) towards a closed loop system that enables the former to help the environment by exchanging their recyclables for incentives, while the latter is able to prolong the lifespan of these resources.

WHAT IS THE END GOAL?

To reduce the amount of generated recyclable wastes that are leaked in bodies of water and landfills through sustainable and efficient means.

HOW CAN IT BE ACHIEVED?

By rewarding individuals who continuously exchange their segregated recyclables, we are able to develop behavioral change within the individuals and communities involved. By recycling, repurposing, and reusing our resources, we are able to bring them back to the supply chain as new products with a new purpose.



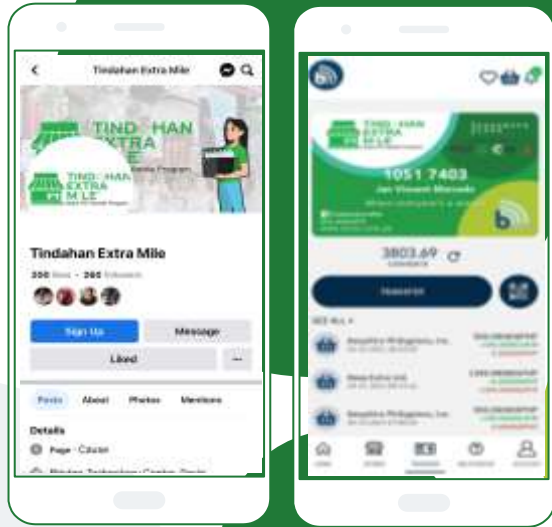


Collection for Recycling in Every Street and Corner

TEM is a World Without Waste program partnership paving the way for households to collect and recycle PET bottles and other recyclables through micro-retail stores empowerment.



3 Easy Steps!



1. Enroll and Activate



2. Collect and Segregate



3. Earn Rewards, Redeem, and Learn

Our bottles can have many lives



Coca-Cola PH strengthens recycling presence in Bacolod, 500 stores to join Tindahan Extra Mile

BY MANILA BULLETIN
Mar 13, 2024 10:36 PM



Coca-Cola Philippines, in partnership with Basic Environmental Systems and Technologies, Inc. (BEST) and the Philippine Association of Stores and Carinderia Owners (PASCO), has launched the Tindahan Extra Mile (TEM): Balik PET Bottle Program in Bacolod City.

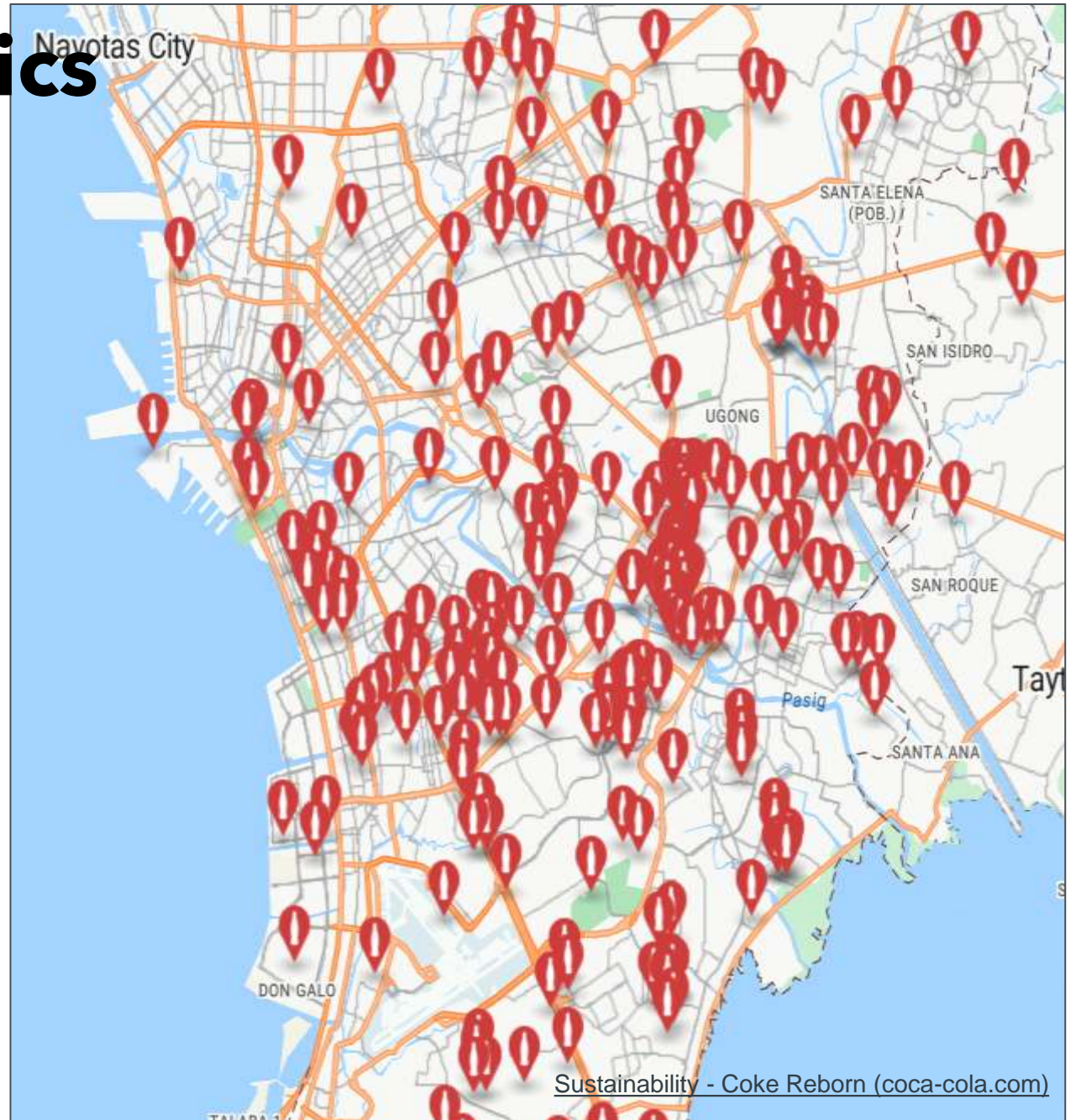
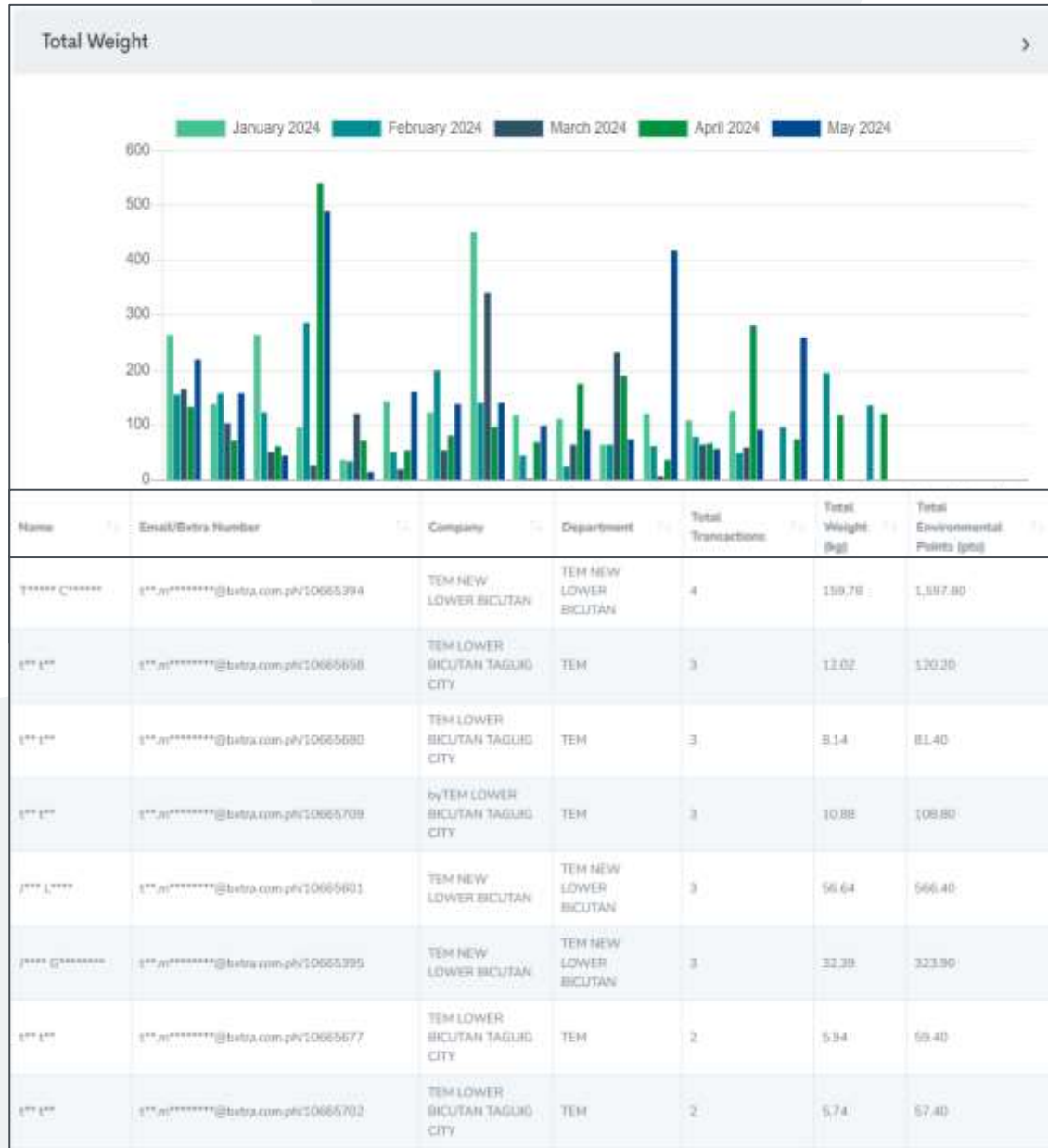


Over 3,500 TEMilers from Metro Manila and Bacolod

70 Collection Hubs in Metro Manila and Bacolod

46 tonnes of PET bottles delivered to PETValue Philippines

Info Systems and Analytics



Sustainability - Coke Reborn (coca-cola.com)



“ Hindi hadlang ang mainit na panahon sa tamang segregasyon. ”

CONGRATS
Jeziel Recierdo
TEMiler, Hagonoy

Total Amount Sent **₱6,000.00**

TINDAHAN EXTRA MILE
Beli PET Bottle Program

2023 Top Temilers

TOP 1
Ida Asiman
Taguig City

840.1 kg

444.85 kg

TINDAHAN EXTRA MILE
Beli PET Bottle Program

Panaad Festival 2024
Bacolod



Payment Success

Payment Amount **₱800.00**

WOW!

item	Maynilad Water
Account Number	₱800.00
Amount	Processing
Ref / Token No.	

Surprise! You've earned some rewards!

Congrats!

“ Ako ay lubos na nagpapasalamat sa Coca-Cola Philippines, PASCO National at Mandaluyong Chapter, BEST, at sa buong Tindahan Extra Mile team. Malaking tulong po ang aking nakuhang cash prize para sa aking negosyo. Muli po akong nagpapasalamat sa lahat mula sa kaibuturan ng aking puso. ”

GILBERT LOBRIDO
PASCO Member, Mandaluyong Chapter

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Basic Environmental Systems and Technologies, Inc.



c.razon@ipmgroup.com.ph

+63 927 127 2431

 [ceidgerazon](#)