

WORLD WATER DAY (WWD 2026) SUMMARY REPORT



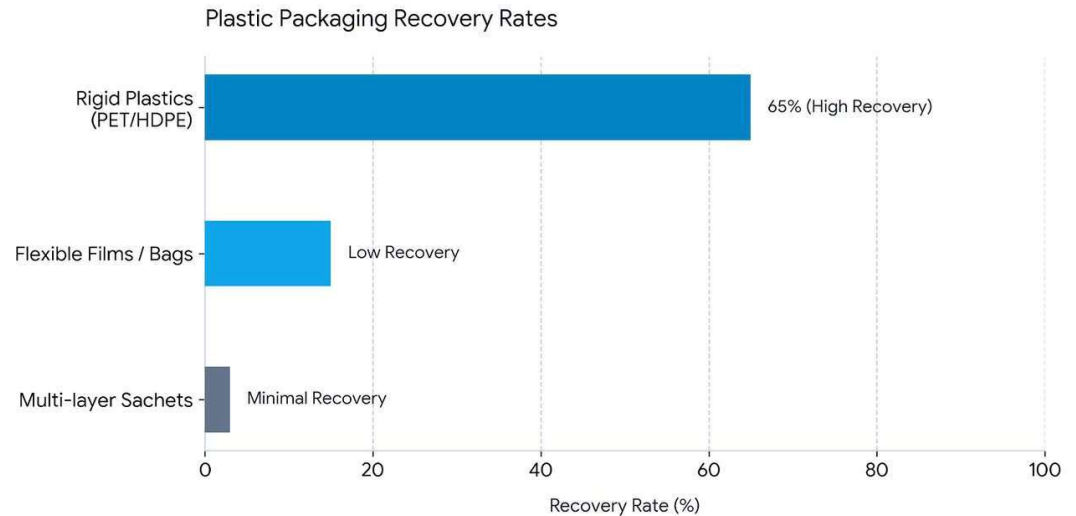
PLASTIC WASTE RECYCLING PROCESSING CAPACITY, LEAKAGE HOTSPOTS, INTERVENTIONS, AND CHALLENGES

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Services Officer



Generation vs. Effective Recovery

Iloilo City generates an average of 592 metric tons of solid waste daily, with plastics representing roughly 19%.



Low Direct Recycling Rate

Only a fraction of soft plastics and multi-layered packaging are recovered directly at source due to lack of commercial sorting value and contamination.

Informal Scrap Network

Junk shops heavily rely on rigid plastics (PET bottles, HDPE containers) while flexible films and sachets frequently leak into city refuse.

Dumpsite Diversion

Aggregated recyclables face sorting bottlenecks before reaching designated recycling partners.

Plastic leakage can occur throughout the waste management chain:

Generation → Segregation → Collection → MRF/Sorting → Trading → Recycling → Disposal

Potential leakage points include:

- Poor source segregation
- Uncollected or improperly stored waste
- Mixed waste reaching collection points
- Plastics escaping during transport
- Low recovery at MRFs
- Limited market for low-value plastics
- Informal recovery and uncontrolled disposal
- Plastics entering drainage systems, waterways, rivers, and coastal areas



LEAKAGE HOTSPOTS IN ILOILO CITY



**HIGH DENSITY COMMERCIAL
AREAS**



WASTE COLLECTION POINTS



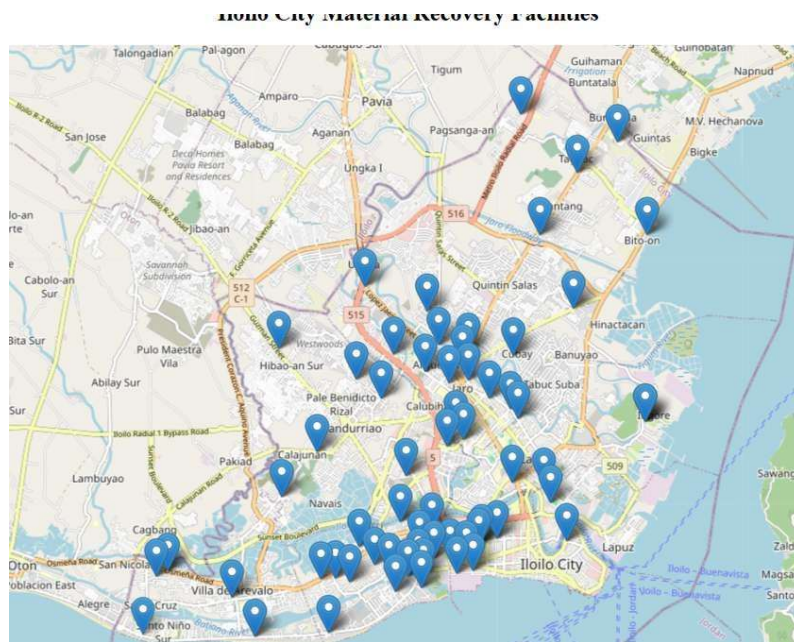
COASTAL AND RIVER AREAS



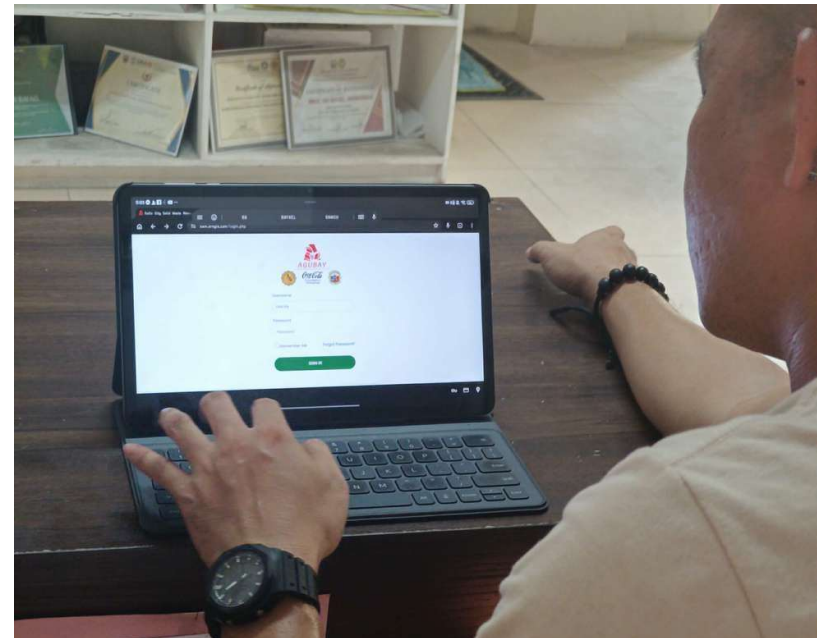
DRAINAGE SYSTEM

EXISTING PLASTIC RECOVERY AND RECYCLING SYSTEM

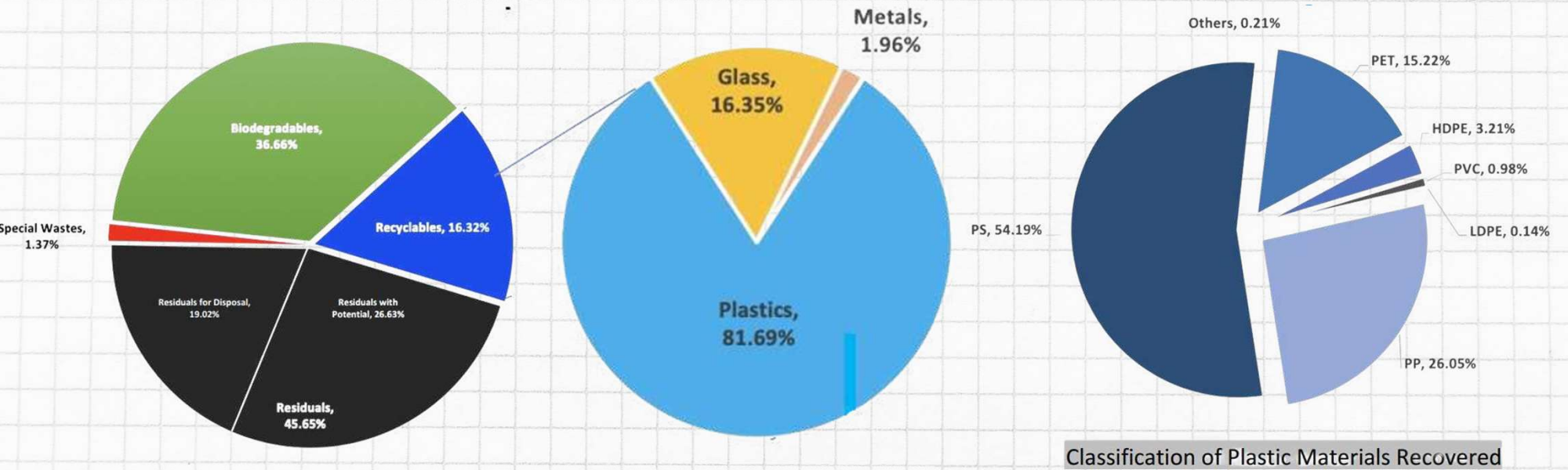
MAPPING OF MRF AND JUNKSHOPS



ESTABLISHMENT OF SWM DATABASE SYSTEM FOR DATA MANAGEMENT AT THE BARANGAY AND CITY LEVELS



Riparian Waste Analysis



COASTAL AND SURFACE WATER CLEAN-UP

In 2025, a total of
136 Metric Tons
of waste was collected
through various Coastal
and River Clean-Up
Activities



INSTALLATION OF BOOM TRAPS



**From Crisis to solution:
Keeping Waterways Clean
Through Plastic Waste
Management**

Keeping Plastic in Circularity

To reinforce its zero-waste program, the city is shifting from a linear to a circular economy by advancing the **10Rs framework** (**REFUSE, RETHINK, REDUCE, REUSE, REPAIR, REFURBISH, REMANUFACTURE, REPURPOSE, RECYCE, RECOVER**), maximizing resource efficiency while supporting long-term environmental and economic sustainability.

**Recovery of
Recyclables**



**Production of
Refuse-Derived
Fuel**



**Ecobags from
Tarpulins**



Bottle to WIFI



Repair hubs



INFORMATION, EDUCATION, AND COMMUNICATION (IEC) AND SOCIAL BEHAVIORAL CHANGE CCAMPAIGNS (SBCC)

These campaigns aim to enhance public awareness, encourage active participation, and promote responsible consumption and waste management practices.

- ✓ Increase awareness and understanding of proper solid waste management.
- ✓ Promote the environmental and economic benefits of reducing waste
- ✓ Encourage adoption of sustainable behaviors at the household and business levels
- ✓ Shift social norms and strengthen community ownership of sustainability efforts
- ✓ Leverage communication channels and public events to reinforce long-term behavior change



Community buy-back programs

Tyanoftofte sa Basura, Trash to Cash, Miss Garbie

Recyclables from households in all 180 barangays are collected and exchanged for goods, cash, or other incentive programs.



CIRCULAR DESIGN AND GREEN TOURISM EVENTS

Incorporating recycled materials into festival stage design creates durable, lightweight structures while demonstrating a clear commitment to environmental sustainability.

EcoBoards from waste
low density plastics

SINGLE USED PLASTICS AVOIDANCE



Minimizing single-use decorative materials supports a cleaner festival while aligning the celebration with environmental responsibility.

Ropes upcycled from
waste flexible plastics



POLICY AND PARTNERSHIP



Institutionalization of zero-waste governance across all barangays, ensuring the effective implementation, monitoring, and enforcement of localized solid waste management programs.

Certificate Id: 202510946804-1
TIN:

EXTENDED RESOURCES

Plastic Waste Diversion Credit Certificate

Issued in the favor of **MALABON SOAP & OIL IND'L COMPANY INC**

The volume of plastic waste amounting to **8563 kgs** has been collected and diverted in CY 2024 as per the information

Plastic collection and diversion information

LGU	Iloilo City	Province	Iloilo
Region	Western Visayas	Plastic Type	Rigid
WD Activity	Sanitary Landfill	Waste Source	Post Consumer
Processing Entity	City of Iloilo, Iloilo City Hall, Plaza Libertad	Product	Not Applicable

Scan the QR code to view the registry documents.



Waste Diverter
City Government of Iloilo
Neil Ravena
30-10-2025

External Auditor
Cyprus B. Laguardia
Cyprus Laguardia
05-11-2025

Credit Facilitator
Erica Cardosa
07-11-2025

Alignment with Extended Producer Responsibility (EPR) initiatives.

REMAINING CHALLENGES

Plastic Leakage Still Occurs Improper disposal continues despite collection services.

Difficult-to-Recover Plastics Multilayer plastics, sachets and contaminated SUPs

Behavior and Compliance Inconsistent segregation at source.

Fragmented Recovery Chain Not all plastics have viable markets.

Infrastructure Gaps Uneven MRF capacity and performance. Need for improved sorting, storage, and processing equipment

THE PATH FORWARD



Institutionalizing strict accountability mechanisms for coastal and riverine barangays



Robust circular economy implementation by strengthening MRFs, junkshops, aggregators, and recycling markets, while promoting reuse, refill systems, and reduced single-use plastics.



Expanding partnerships with academic institutions and private sectors for circular recycling ecosystems.



**"From Plastic Leakage to Plastic Circularity:
Building a Cleaner, Resilient, and Resource-
Efficient Iloilo City."**

Thank You!