

DOUBLE W

THE DISCONNECT IN MODERN WASTE MANAGEMENT



State of Waste



Only 32% of municipal waste is recycled or composted globally.

Improper sorting contaminates up to 25% of recyclables, sending them to landfills.

Cities using smart waste tech report 20-40% reductions in operational costs.

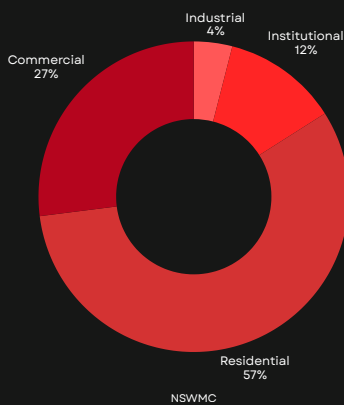
Bridging the Gap Between Citizen Action and Systemic Efficiency



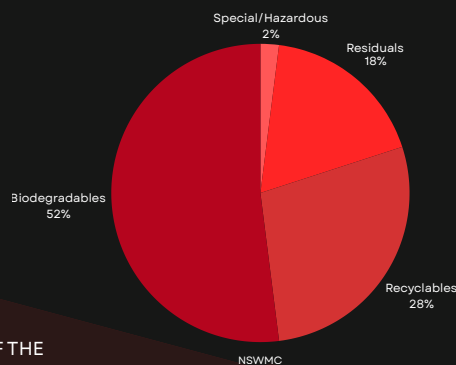
Effect of Inefficiency

- Increased greenhouse gas from landfills, plastic pollution.
- High collection costs, lost revenue from recyclables.
- Public confusion, inequitable service, reduced civic engagement.

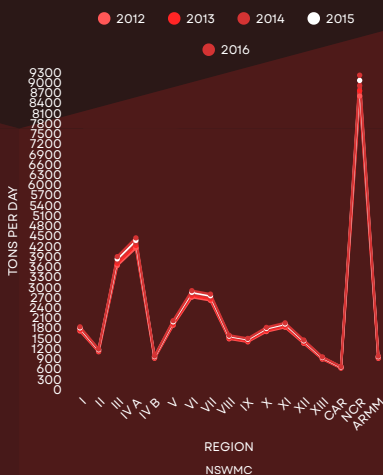
Solid Waste Sources (2013)



Solid Waste Composition (2015)



WASTE GENERATION OF THE PHILIPPINES (2012-2016)



Proposed Solution

Core Features:

- AI-Powered Sorting Guide (camera scan)
- Personalized Collection Schedules & Alerts
- Community Dashboards & Impact Tracking
- Direct Reporting for Issues