

Contents

1. About Saahas Zero Waste
2. Context for MMT Event
3. The Problem
4. Zero Waste Program – Operational Model
5. Sources of Waste generation
6. Saahas Zero Waste Operation team & Operational Work
7. Dry Waste Categories
8. Waste Characterization
9. Pictorial View of Waste Streams
10. Environmental Impact of the MMT event

About Saahas Zero Waste

Saahas Waste Management Pvt Ltd (SWMPL) is a social enterprise offering integrated waste management services to bulk waste generators in Bengaluru, Chennai, Goa ,Hyderabad and the National Capital Region.

Our Vision: To create a zero-waste world through circular economy

Our Mission: We bring together nature, people and technology to provide the most impactful waste management solutions that maximize resource recovery

Our core ideology is to:

- Embed and introduce waste management principles (Refuse, Reduce, Reuse, Repair, Restore and Recycle) across sectors and stakeholders
- Choose solutions that eliminate or minimize any negative impact on the environment and health of populations
- Create livelihoods that are safe and dignified
- Follow ethical business practices that comply with national and international laws. Challenge barriers that restrict our ability to fulfil our vision

Context for MMT event

The MMT event is looking at conducting events with minimal waste along with responsible management of the minimal waste that is getting generated.

To reduce their environmental footprint, MMT chose to have a zero waste on 1st of April . The main objective was to conduct the event in a way that is as environmentally conscious as possible.

Saahas Zero Waste (SZW) can ensure that all streams of waste generated at the MMT event held at A DOT by GNH, Ambience island, DLF Phase 3, Sector 24, Gurugram is managed in compliance to the SWM 2016 rules, in a sustainable and eco-friendly manner.

The Problem

Improper and Irresponsible waste management directly causes:



Air pollution due to burning of waste

Waste burning contributes almost **30%** to the air pollution in our cities



Surface & groundwater contamination

An estimated **12,363 km** of riverine length in India is polluted



Sea & marine life degradation

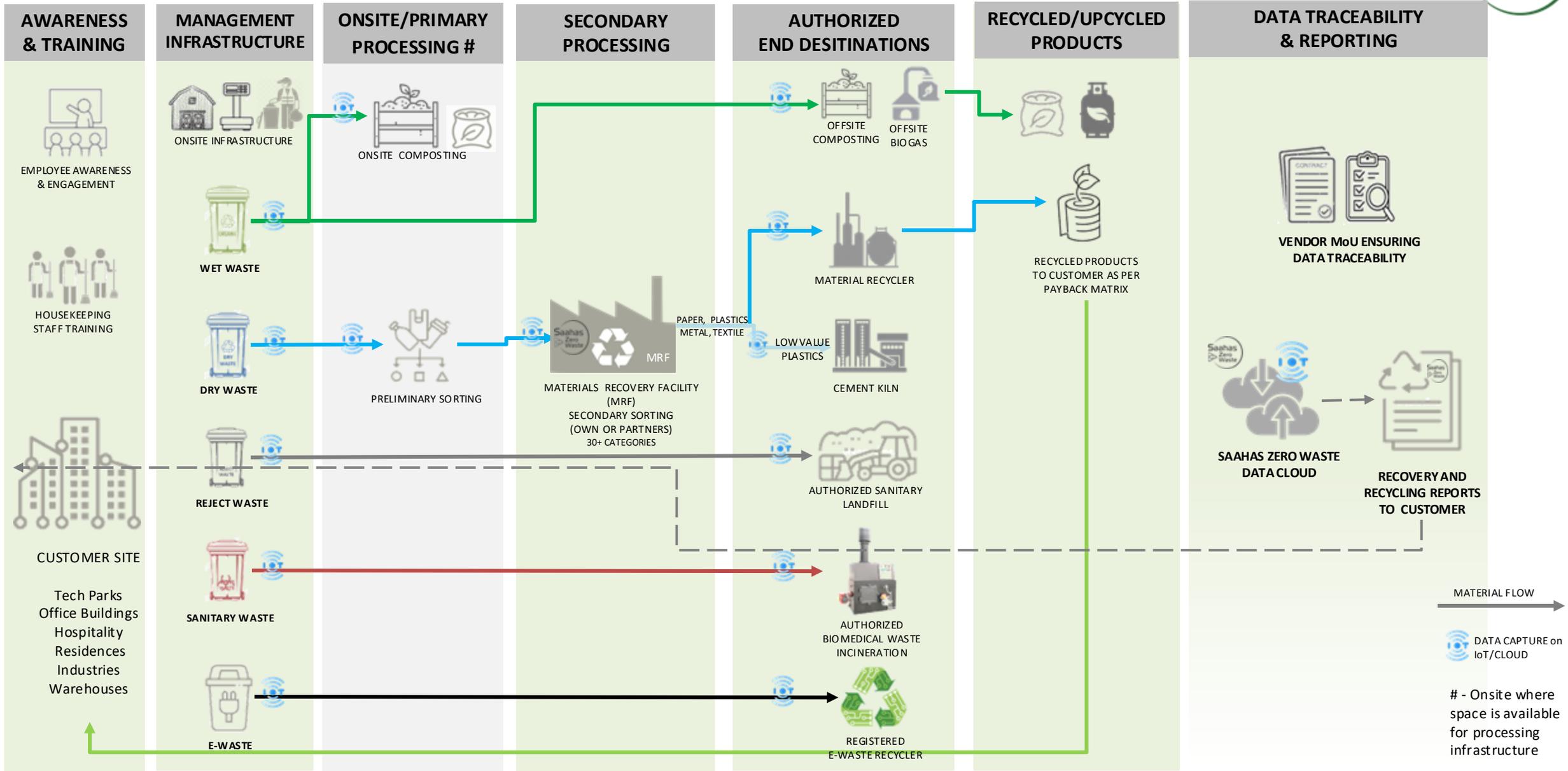
8 million tonnes of plastic leaks into oceans worldwide each year
The total number of affected species is **1,220** and rising



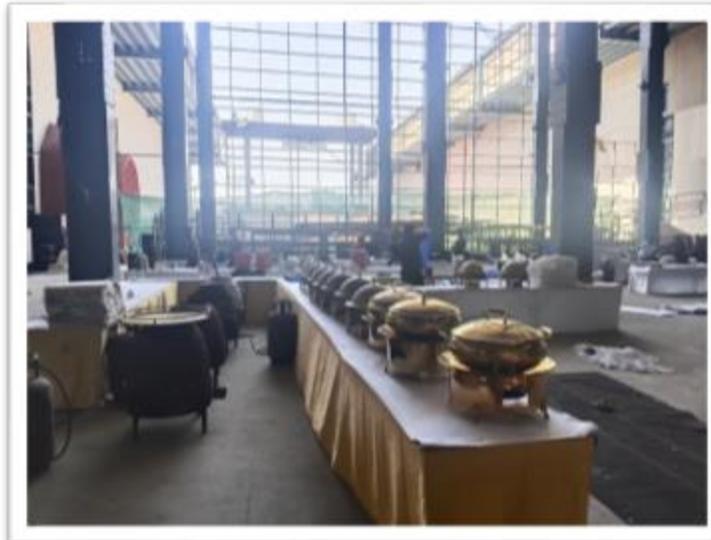
Exploitation of informal workers & aides child labour

Between the age of 5-18, India has **33 million** child labourers

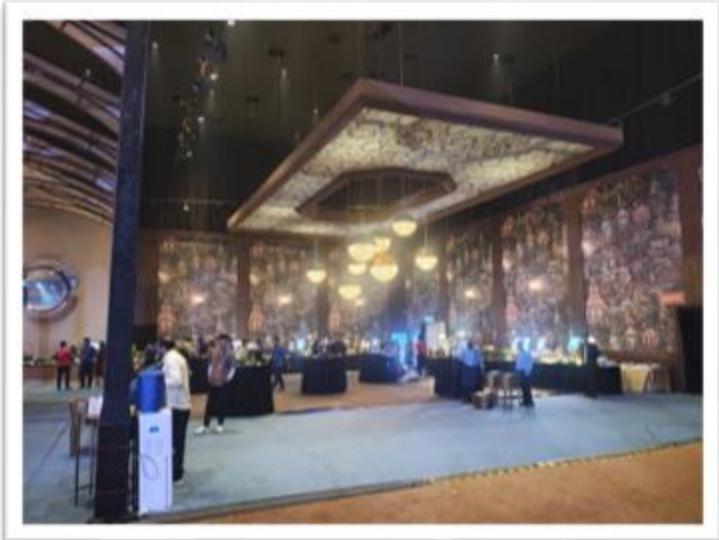
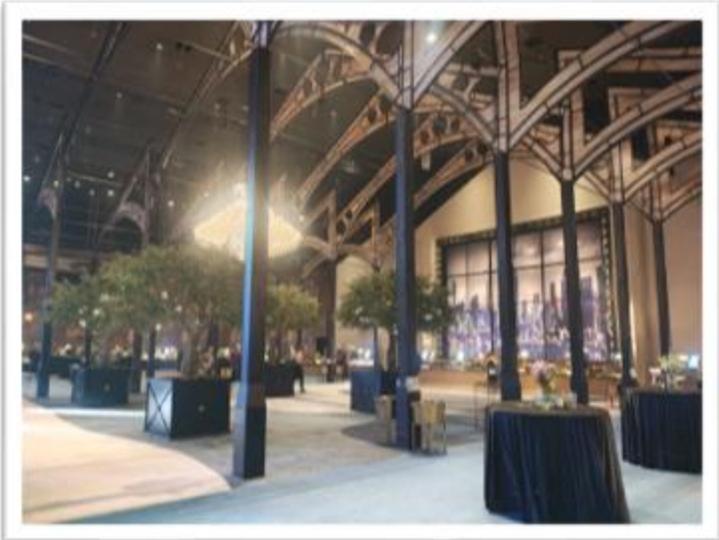
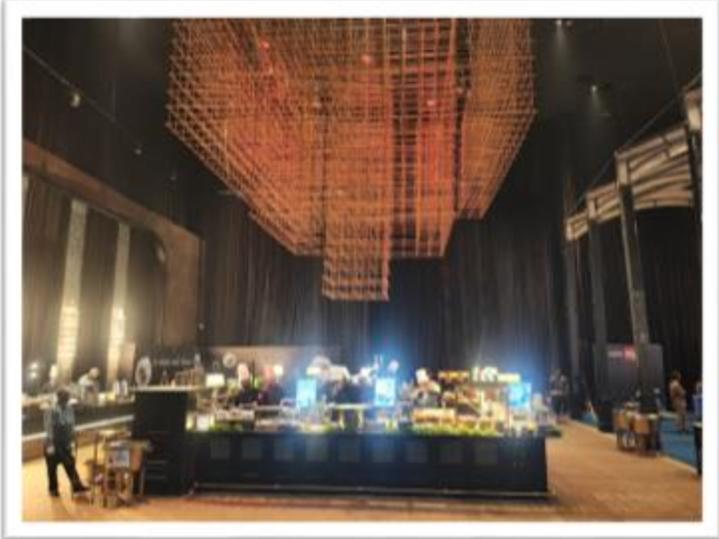
Zero Waste Program



Kitchen Area for the MMT Event



Food Court for the MMT Event



SZW Operation Team in the MMT Event



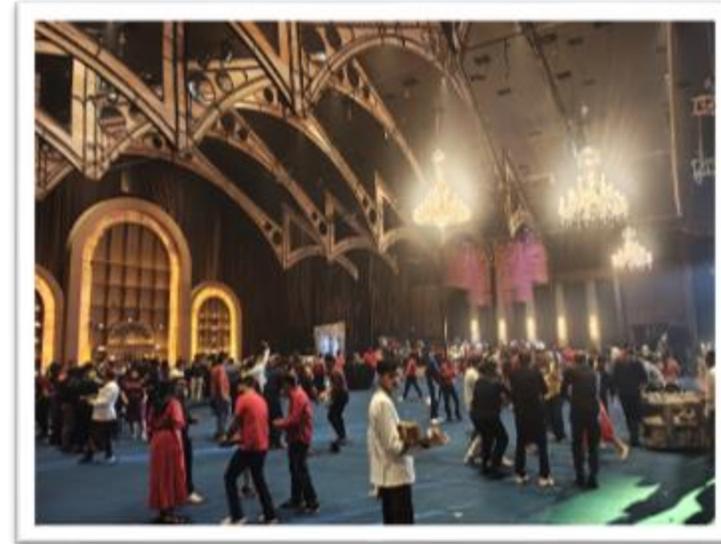
Briefing Provided to SZW Staff Members



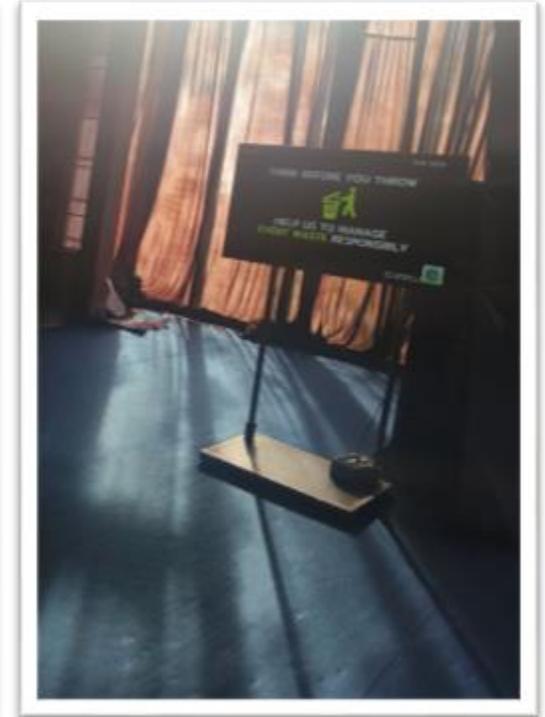
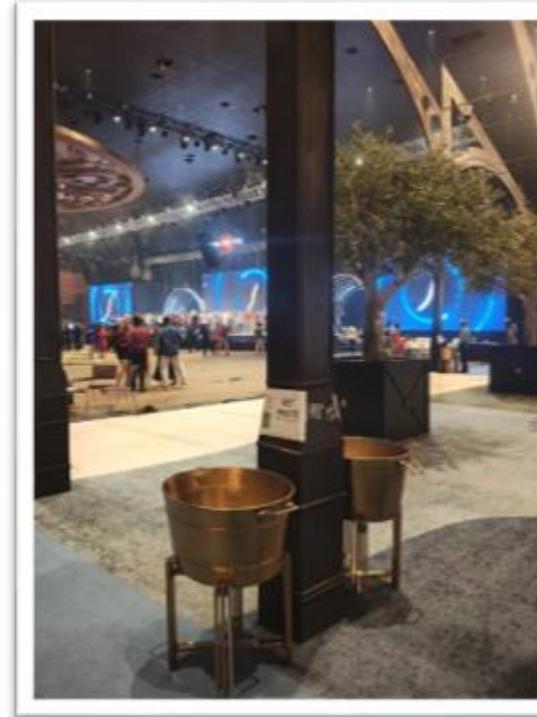
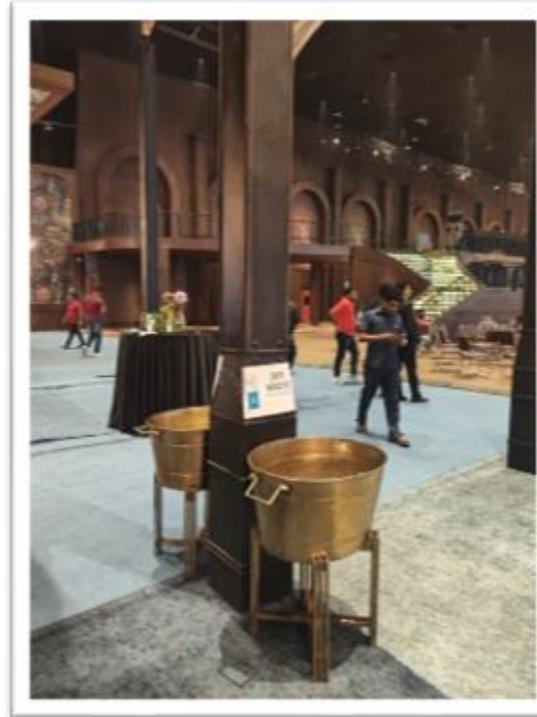
Training to the HK Team



MMT Event



Operations – Waste labeling



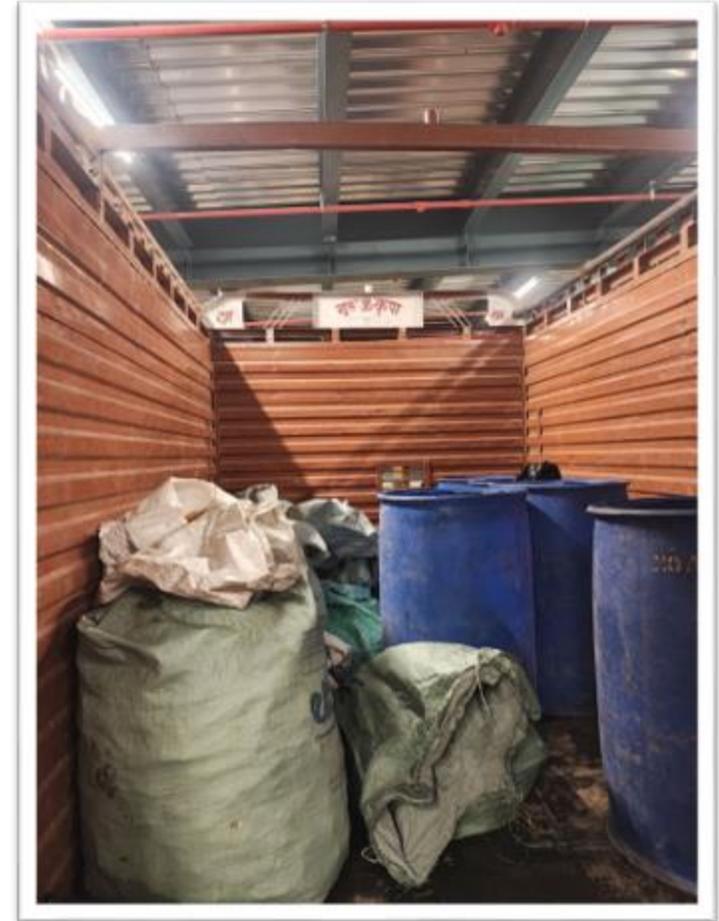
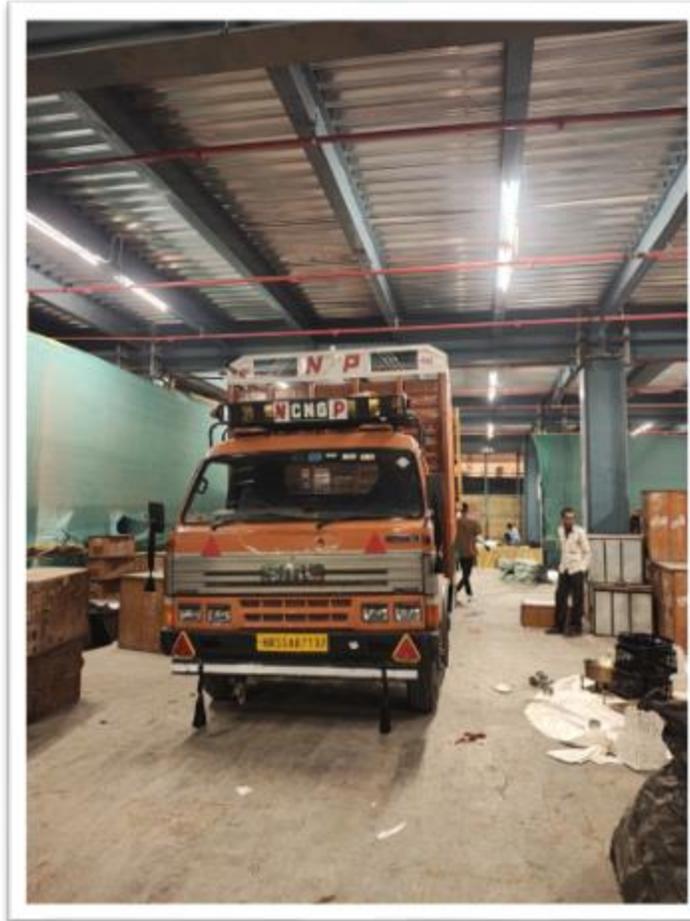
Operations – SZW field staff to help in source segregation



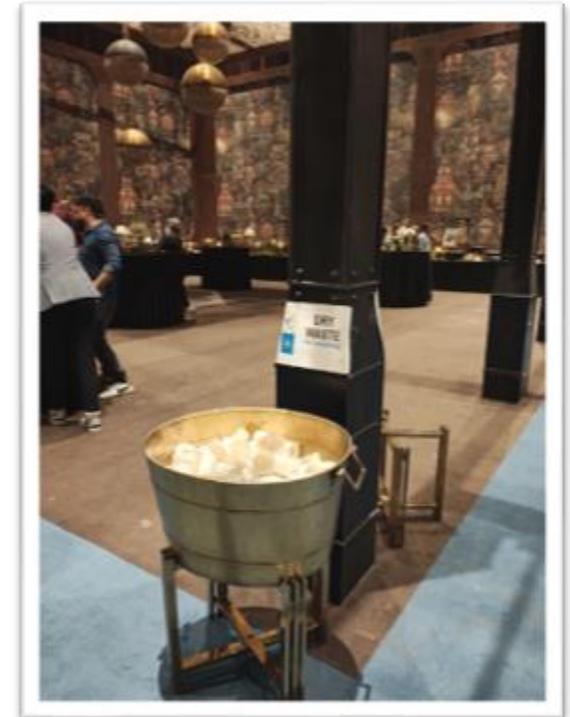
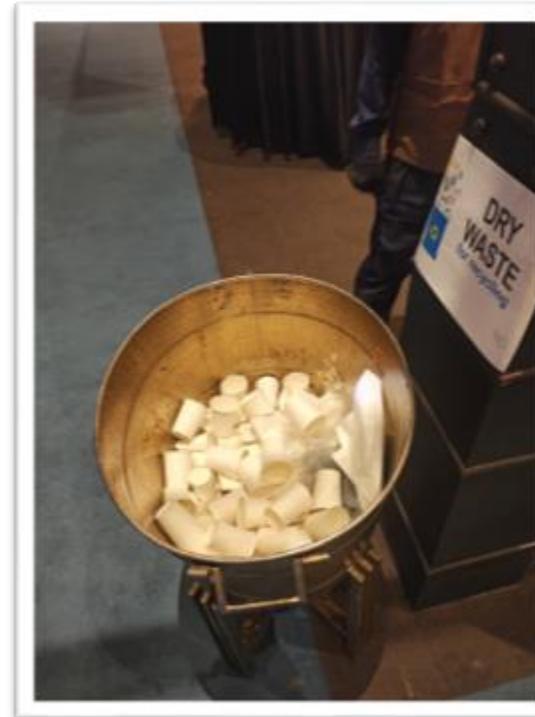
Operations – Waste Collection & Sorting



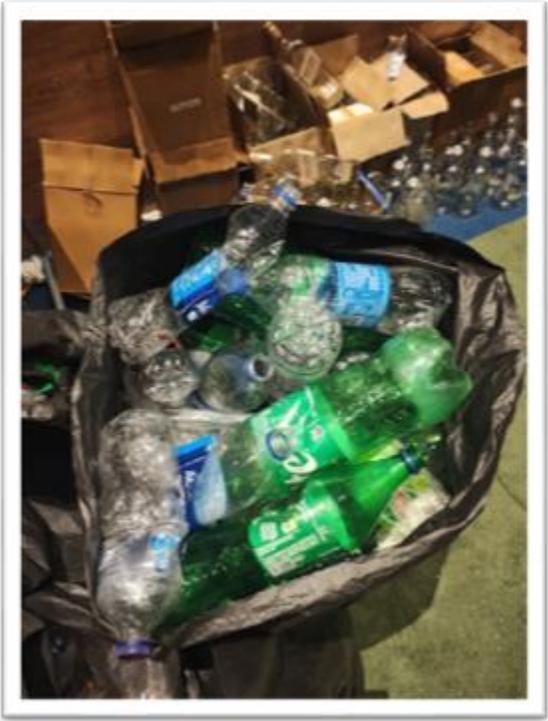
Operations – Waste Loading & Transportation



Operations – Segregated Waste at different Waste generation points



Different Categories of sorted Dry Waste



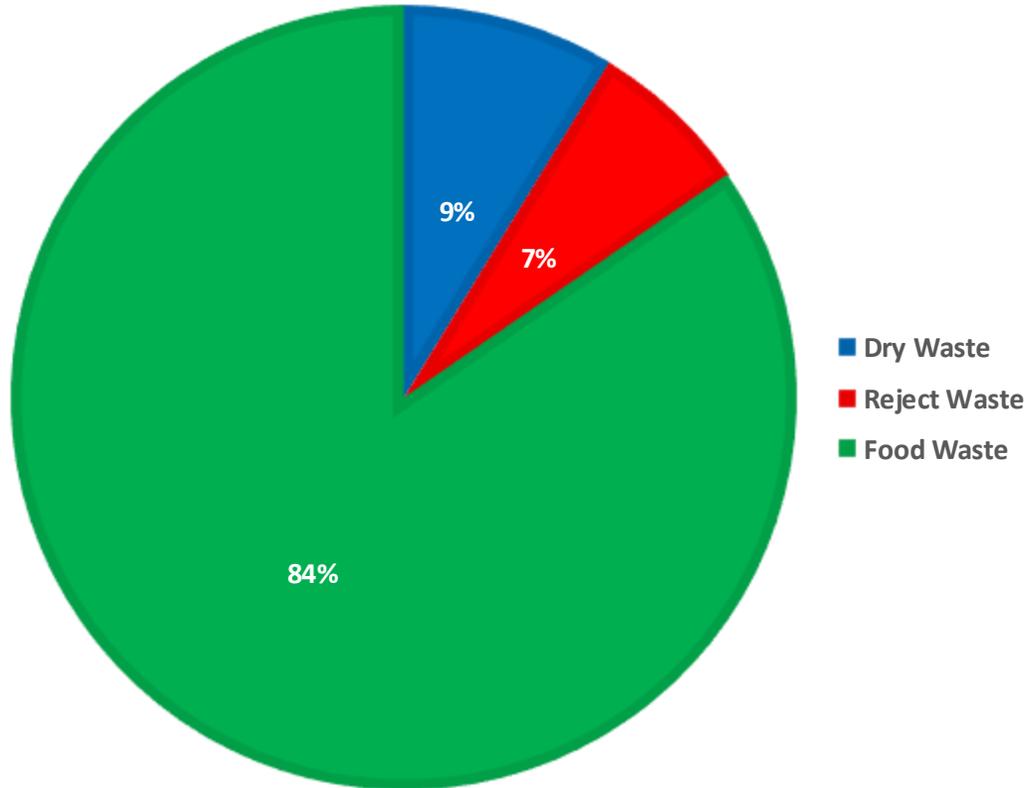
Waste Characterization

Total waste generated at the MMT Event and their characterization

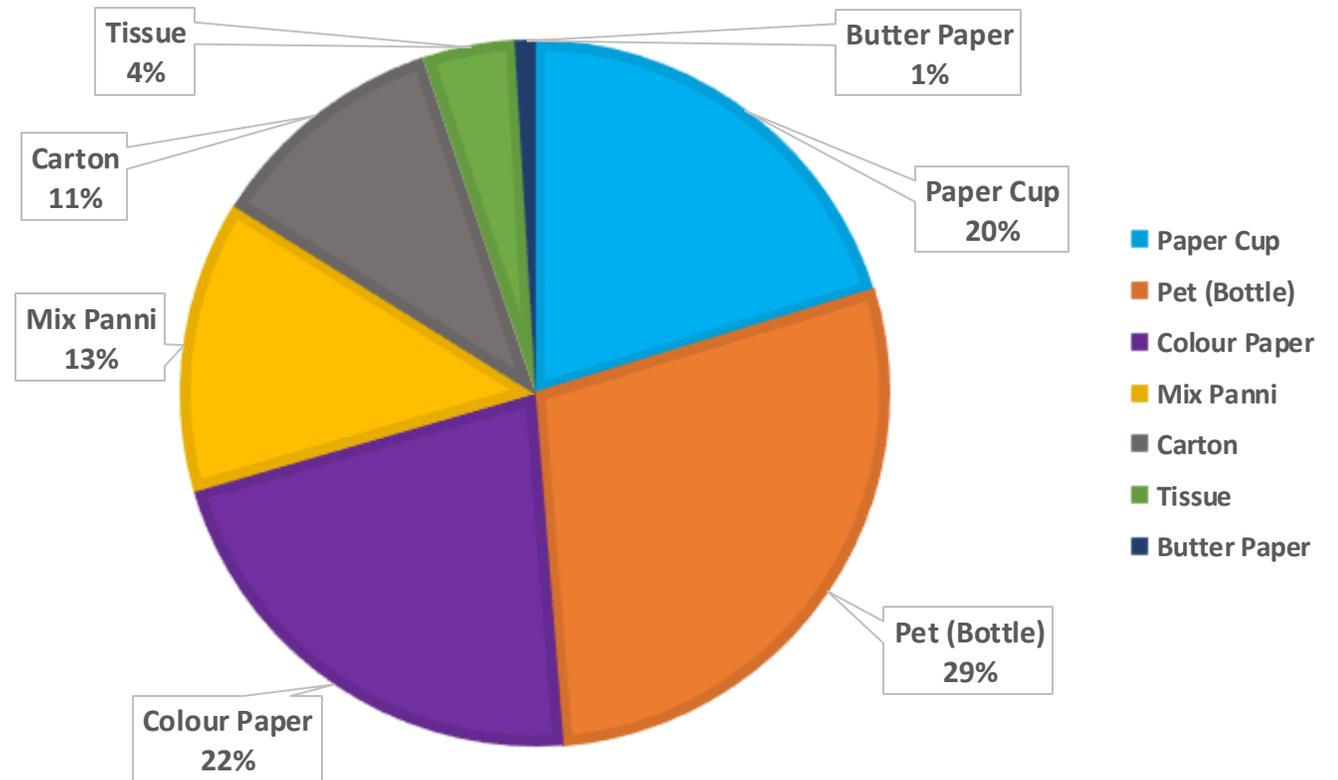
Materials	Quantity(Kg)
Paper Cup	18.5
Pet (Bottle)	26
Colour Paper	19.9
Mix Panni	12.2
Carton	10
Tissue	3.9
Butter Paper	0.8
Total Dry Waste	91.3
Total Reject Waste	70
Total Food Waste	887.2
Total Generated Waste	1048.5

Pictorial representation of Waste streams

WASTE MANAGED AT MMT EVENT



DIFFERENT CATEGORIES OF SORTED DRY WASTE AT MMT EVENT



Environmental Impact of the MMT Event

- At the MMT Event, we successfully managed all **1048.5kg** of waste generated with a strong commitment to sustainability.
- Our approach focused on diverting waste from landfills to ensure the maximum recovery of resources.
- We implemented a comprehensive waste management strategy that included rigorous recycling practices, co-processing of materials, and efficient composting.
- This holistic approach not only minimized the environmental impact but also promoted the responsible use of resources throughout the event.
- By integrating these sustainable methods, we effectively reduced waste and supported a greener future.

NET GHG SAVINGS & IMPACT



2.7 Metric Tons of CO₂ emissions were saved.



978 Kg of waste is diverted from the landfill.



887 Kg of food waste composted.



91 Kg of dry waste recycled.



Data Traceability

