

Minutes of Meeting (MOM) Zero Waste Sidhlagatta

Date: 14th February 2025

Time: 5:05 PM

Venue: Google Meet

Attendees:

- Sri. Mohan Kumar
- Sri. Sirish Mahajan
- Smt. Dr. Ruby Makhija
- Sri. Abhishek Kushwaha

Agenda of the Meeting:

1. Planning and execution of waste management and sustainability initiatives in Sidhlagatta, Bangalore.
2. Role division between **Sidhlagatta (Bangalore)** and **Why Waste Wednesdays Foundation**.

Discussion Points:

1. Baseline Assessment & Stakeholder Engagement

- **Detailed Baseline Survey:**
 - Assess **waste generation, segregation levels, collection efficiency, and infrastructure gaps**.
 - Identify **households, businesses, and institutions** with high waste generation.
 - Study **existing informal waste management systems and recyclers**.
- **Door-to-Door Surveys** to map behavioral patterns in waste disposal and community participation.
- **Awareness and Behavior Change Campaigns:**
 - Minimum six months of **IEC (Information, Education, and Communication)** activities.
 - **Nukkad Nataks (street plays)** for public awareness.
 - Engagement of **residents, waste workers, and local governance bodies**.

2. Deposit Return System (DRS) – Vikalp Borrow a Bag Initiative

- Implementation of **Vikalp's Borrow a Bag** model as an alternative to plastic carry bags.
- Collaboration with **retailers, vendors, and public institutions** to encourage participation.
- Establishing **collection points at major markets, temples, and public spaces**.
- Financial and non-financial incentives for **bag return and reuse**.
- Community involvement in **spreading awareness and maintaining the system**.

3. Special Waste Management Initiatives

- **Road Sweeping Enhancements:**
 - Deploying **mechanized sweepers** for efficient cleaning.
 - Ensuring **regular manual sweeping** in high-footfall areas.
- **Drain Covering & Stormwater Harvesting:**
 - Implementing **preventive measures** to avoid drain blockages.
 - Establishing **stormwater harvesting structures** to improve water conservation.
- **Horticulture Waste Management:**
 - Dedicated **transport system for horticulture waste**.
 - Use of **shredders and pellet-making units** for processing organic waste.
- **Sanitary Waste Disposal:**
 - Establishing an **incinerator for sanitary pad disposal** to ensure safe disposal practices.

4. Strengthening Waste Collection & Processing Infrastructure

4.1. Collection System Optimization

- **Microplanning & command areas** for structured waste collection.
- **Door-to-door collection mechanisms** using autos, hand rickshaws, and dedicated collection teams.
- **Incentivization for waste segregation:**
 - Distribution of **biodegradable sanitary napkins** to households practicing proper waste segregation.

4.2. Sorting & Material Recovery Facilities (MRFs)

- **Two sorting stations** to be set up with basic infrastructure and trained manpower.
- Strengthening the **existing three MRFs** and expanding as per demand.
- Coordination with **satellite village panchayats** to ensure material collection.

4.3. Recycling & Processing Units

- **Plastic Recycling Center** for processing collected plastic waste.
- **Wet Waste Composting** through decentralized composting units and Bio-CNG Plant.

5. Beautification & Cultural Integration

- **Temple and Public Area Painting:**
 - Wall art and murals at **temples, marketplaces, and major roads** to promote cleanliness and local culture.
 - Integration of **sustainability themes** into the artwork.
- Enhancing **aesthetic value of the town** through **local and traditional art, cultural events, and beautification drives**.
- Promoting **citizen and youth participation**, including:
 - **Heroes of Sidlagatta** initiative to recognize community contributions.
 - Encouraging **sustainable alternatives to banned plastic materials and Single Use Plastics (SUPs)**.

6. Sustainability & Environmental Conservation

- Expansion of green spaces for **dust control and improved air quality**.
- **Rainwater harvesting & drip irrigation** for public parks and green areas.
- **Water conservation strategies** in collaboration with municipal bodies.
- **Sewage Treatment Plant (STP)** for proper wastewater management.

7. Sanitation & Public Facilities

- Establishment of **public toilets** to improve hygiene and accessibility.
- Ensuring **inclusive participation of women and marginalized communities** in project execution.