

STAKEHOLDER CONSULTATION WORKSHOP ON
**GHG EMISSIONS IN
MUNICIPAL SOLID WASTE:**

A Way Forward



EXECUTIVE SUMMARY

The **Stakeholder Consultation Workshop on GHG Emissions in Municipal Solid Waste**, hosted by Waste Warriors Society in collaboration with TERI School of Advanced Studies, brought together key ecosystem partners to explore methodologies for calculating GHG emissions in India.

The workshop identified critical **challenges** such as:

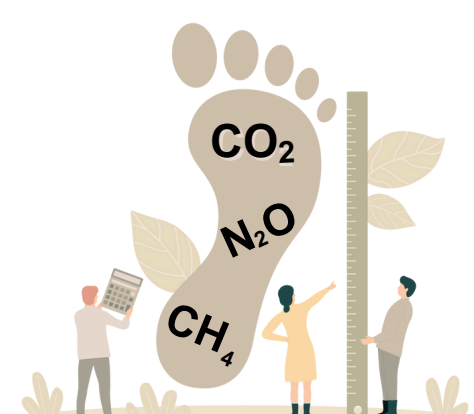
- Lack of **standardized waste data collection** and emissions reporting frameworks.
- Over-reliance on **global methodologies (WARM, SWEET, EQT and IPCC guidelines)** that may not be suitable in the context of India's municipal waste sector.
- **Grassroots challenges**, in particular, waste managed by informal waste workers.

To address these gaps, stakeholders emphasized the need for **collaboration, capacity building, and policy integration**. The roadmap outlined **short-term actions**—tool adoption and training and **long-term goals** – developing India-specific methodologies and using advanced technology for real-time tracking.

Key Next Steps

1. **Develop India-specific methodologies** for GHG emission calculations.
2. **Strengthen partnerships** between policymakers, grassroots organizations, researchers, and technology partners for inclusive solutions and tool development
3. **Leverage technology** (GIS, IoT, remote sensing) for real-time accurate data collection.
4. **Secure funding** for pilot projects to develop and validate new methodologies.

We invite all stakeholders—academia, grassroots organizations, policymakers, and technology experts—to collaborate on building practical, scalable solutions.



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