Implementing Partners

Coimbatore City Municipal Corporation

Solid Waste Management in Coimbatore

Coimbatore Centralized Solid Waste Management System

- About 1000 TPD of mixed waste generated
- About 900 TPD of waste collected by CCMC
- 900 TPD of waste taken to secondary transfer stations
- 550 TPD waste processed at windrow and vermi composting units
- Remaining 350 TPD mixed waste is dumped

SUNYA Model of Decentralized Waste Management

SUNYA Methodology

- At source segregation into biodegradable / non-biodegradable / hazardous waste
- Segregated collection of waste in special vehicles
- Non-biodegradable (dry) waste recycling
- Compost generated from biodegradable waste in micro-composting centre
- Electricity generated from biogas plant
- On-site processing of biodegradable (wet) waste in 1.5 TPD biogas plant

Engagement with Community

- Municipal officials and project staff engage with the community to raise awareness
- Felicitation of star performers
- Organic waste bins procured for secondary storage
- E-waste bins set up in SUNYA ward

Other Supporting Initiatives under SUNYA

- Segregation of waste at source
- Non-biodegradable (dry) waste recycling
- Compost generated from biodegradable waste in micro-composting centre
- Electricity generated from bio-methanation plant
- On-site processing of biodegradable (wet) waste in 1.5 TPD bio-methanation plant

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