

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 bio-methanation plant



On-site processing of biodegradable (wet) waste in 1.5 TPD biomethanation plant

Engagement with Community



Municipal officials and project staff engage with the community to raise awareness



Felicitation of star performers

Other Supporting Initiatives under SUNYA



Organic waste bins procured for secondary storage



E-waste bins set up in SUNYA ward

Implementing Partners



Knowledge Partner

