

First Solid and Liquid Resource Management Centre and Transport Fleet Launched to Capture Plastic Waste in Agra, Uttar Pradesh

As part of an integrated waste management initiative, titled 'Nirmal Agra Project', Technology and Action for Rural Advancement (The Development Alternatives Group) together with Agra Nagar Nigam (ANN), the Alliance to End Plastic Waste (Alliance), and GoMassive Incubators Pvt Ltd launched the first Solid and Liquid Resource Management (SLRM) Centre and a set of waste transport vehicles in Agra, Uttar Pradesh. The SLRM Centre was launched by Shri Surendra Prasad Yadav, Additional Municipal Commissioner, Agra Nagar Nigam, on 20 September 2022.

The project addresses the issue of plastic waste leakage into the environment. Under this public-private partnership project, we aim to transform waste management by enhancing the collection, sorting, and processing infrastructure to better address the problem of waste hotspots across Agra. In this regard, we will set up new waste collection infrastructure, augment existing waste collection infrastructure, improve data capture and reporting, set up new and upgrade existing waste sorting infrastructure, and undertake behavioural change programmes. This includes an initial development of five SLRM centres with a combined processing capacity of 25 tonnes per day. The SLRM centres receive and sort dry waste as well as enable the recovery of plastic waste for recycling.

To enable wider, more efficient recovery of plastic waste from over 100 hotspots across the city, a fleet of suction vehicles, tippers, and compactors will be rolled out in phases. Through these interventions, it is estimated that there will be an increase in the plastic capture in Agra city from 50% to nearly 90% within 2 years. This will considerably help in cleaning up the city, reduce the burden on landfills, and bring in social, environmental, and economic benefits for all.



AEPW, GoMassive Incubators Private Limited, and Agra Nagar Nigam launch the SLRM Centre



Plastic waste sorting on conveyor belt