

The Clean City Championship – A Participatory Approach for Improved Solid Waste Management in Warangal

In order to make waste management a competitive sport and for introducing source segregation and door to door collection service amongst the citizens, The Clean Cities Foundation in partnership with the Directorate of Municipal Administration (DMA) started the initiative in collaboration with APPCB (Andhra Pradesh Pollution Control Board) and APITC (Andhra Pradesh Industrial & Technical Consultancy Organization) in 2012. The process included a hands-on approach to planning a sound waste management system and then implementing cost effective solutions on the ground. The following approach was adopted:

- Financial grants for the championship were first secured from different departments at State level.
- Intensive pre-championship activities were carried out, namely i) Planning Inputs, ii) Administrative Planning, iii) Technical Planning, iv) Procurement of necessary infrastructure, v) Transportation plan and rationalization of vehicles, vi) Route and loading plans were prepared by field level functionaries for entire city on GIS maps, vii) Tie-ups with Private weigh bridge, Recycling units & cement plants for dry combustibles, viii) Stakeholder involvement, ix) Training and Capacity Building.
- The Championship :
 - a) Championship spread over 7 days
 - b) Different colored contest cards were introduced for Municipal Staff, SHGs, and households during the championship. Signatures on the cards by the route monitors (NCC cadets) on all days earned eligibility to be part of the target group draw for prizes at the end of the championship.
 - c) Intensive micro and macro level management and continuous dynamic SMS Updates were made on the official website of WMC for verification.
 - d) Each participating team is assessed and winning team is rewarded.

Outcome:

- Solid waste management wing was established to oversee the task carried out on a timely basis and to address the problems as and when generated.
- Segregated waste was collected and weighed on daily basis, per route and the data bank was updated on real-time basis through internet. Accurate measurements of the total waste generated in Warangal city and recyclables was documented.
- Segregated waste was further transported to sorting centres, recycling units and cement plants.
- WMC was able to reduce 30 to 40% of waste going to the dumpsite.

- Improved collection efficiency through constant training, monitoring and efforts from the team to build the capacities of the workers.

Sustainability:

There has been a reduction in O&M costs by 30%. It was showcased that such an initiative can be sustained through regular municipal budget of the ULB as well as from the revenue generated from the sale of recyclables and compost. However for centralized infrastructure and rehabilitation of dumpsite, financial aid will be required. **This model of championship has been replicated in Guntur and Visakhapatnam.**

For more details contact:

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