

Action taken up by Lalitpur Metropolitan City in handling and treatment of Municipal solid waste and Plastic waste

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Due to the growing number of population the problems of waste management issues affecting the daily lives of people and the impact on the environment has amplified significantly. This has increased the significance of integrated solid waste management systems in recent years. Solid waste management is therefore a critical component to be considered. Rapid urbanization has been one of the key challenges for effective waste management in LMC along with inadequate coordination and capacity among concerned stakeholders, political commitments, low budget, and less priority on SWM.

Several promising approaches have been developed in the past few years for its effective management with the vision of “Clean city through efficient management of waste generated within the city”. 3R (Reduce, Reuse, and Recycle) system were proposed with priority on source minimization, intermediate treatment then final disposal as a substantial measure to reduce, reuse and recycle the generated solid waste. Likewise, community recycling centers, upcycling trainings, PET bottles collection points, household waste minimization campaigns, roof-top gardening and household composting are promoted throughout the city for effective management of the waste generated. Furthermore, various institutions such as central zoo, supermarkets are declared plastic-free zones to minimize the plastic usage within the city.