

A Study of Implementation of Waste Management for Sustainability by Stree Mukti Sanghatana

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Abstract:

According to the 15th sustainable development goal for 'Life on Land', human life is dependent on the earth and the ocean for our sustenance and livelihoods. Mumbai generates a staggering 6,300 metric tonnes per day of refuse with nearly three-quarters of organic waste. Currently, the Municipal Corporation of Greater Mumbai (MCGM) is faced with a significant challenge in collecting waste from all corners and providing further treatment. Many experts recommended that producing compost and converting waste into energy could be viable options. A concrete plan is needed to handle the surplus compost generated from waste. Stree Mukti Sanghatana (SMS) established in 1975, addresses various issues of poor women located in Deonar, Mumbai. In 1998, they launched the program called, 'Parisar Vikas' with the cooperation of MCGM by aiming to address the problems of waste management through awareness, training and self-reliance. The present study has adopted a qualitative and quantitative mixed approach by using the 'Case Study Method', to study obstacles, viability, and strategies in attaining sustainability. The period taken for the study is 36 months, i.e. September 2020 to August 2023. The objectives of the Study are; to evaluate the viability of the project in terms of input, process, and output, to investigate the different obstacles faced by the project, to propose strategies to various stakeholders to mitigate the obstacles and thereby attain the sustainable development goals.

The study highlights the diverse challenges that women encounter and sheds light on the concept of women's empowerment through waste management. The viability report will guide

regulatory authorities and CSR funding agencies to mitigate issues related to segregation and decentralization of waste processing in Mumbai. 3. The study discovers how waste can be recycled and thereby addresses SDG -11, Sustainable Cities and Communities; SDG 15, Life on Land; and SDG -17 , Partnership Goals.

Keywords: Waste Management, Mumbai, Worli, Sustainability, Women Empowerment, Compost, CSR, Stree Mukti Sanghatana