

**GOVERNMENT OF INDIA
MINISTRY OF HOUSING AND URBAN AFFAIRS
RAJYA SABHA
UNSTARRED QUESTION NO. 698
ANSWERED ON 02/12/2024**

SWACHH BHARAT MISSION – URBAN 2.0

698. SHRI SADANAND MHALU SHET TANAVADE:

Will the Minister for HOUSING AND URBAN AFFAIRS be pleased to state:

- (a) the comprehensive details regarding the objectives, scope, and targets set under the Swachh Bharat Mission - Urban 2.0, including any significant changes from the original Swachh Bharat Mission and the specific goals for urban sanitation and waste management; and
- (b) the details regarding the types of technology being utilized for the effective implementation of the scheme, including but not limited to data collection, monitoring mechanisms, waste management innovations, and citizen engagement platforms?

ANSWER

**THE MINISTER OF STATE IN THE MINISTRY OF HOUSING AND URBAN AFFAIRS
(SHRI TOKHAN SAHU)**

(a): To carry forward the progress made under Swachh Bharat Mission-Urban, Swachh Bharat Mission-Urban 2.0 has been launched on 1st October, 2021 with a vision of achieving safe sanitation, scientific management of all fractions of Municipal Solid Waste (MSW) and remediation of legacy dumpsites. SBM-U 2.0 has a high emphasis on effective planning for all streams of MSW with thrust on projects like Waste to Energy, Construction & Demolition (C&D) waste processing, etc. Used Water Management is also a new component under SBM-U 2.0 to holistically deal with fecal sludge & septage in cities having less than 1 lakh population as per census 2011.

(b) : The Swachh Bharat Mission Urban leverages technology to enhance sanitation and waste management across urban India. Digital tools and solutions remain core enablers to monitor the progress and realize the value outcome of programmatic components. The selection of treatment technologies is open to ULBs/State Governments, allowing them to choose any proven technology as outlined in the Central Public Health & Environmental Engineering Organisation (CPHEEO) Manual and advisories issued from time to time. As per Clause 15 (v) of Solid Waste Management Rules 2016, ULBs may adopt suitable technologies including following technologies for management of municipal solid waste:

- a) bio-methanation, microbial composting, vermi-composting, anaerobic digestion or any other appropriate processing for bio-stabilisation of biodegradable wastes;
- b) waste to energy processes including refused derived fuel for combustible fraction of waste or supply as feedstock to solid waste based power plants or cement kilns

Also, to promote innovations, Swachhata Startup Challenge' was launched on January 27, 2022 in collaboration with Department for Promotion of Industry and Internal Trade (DPIIT) to promote an enabling environment for development startups and entrepreneurs in the waste management sector. A centre has been set up at Startup Incubation and Innovation Center (SIIC), IIT Kanpur for providing one year of incubation support to the shortlisted organisations.
