



Managing Mumbai's humongous waste

A case in point is the ambitious WTE project of Mumbai city's municipal corporation that aims to address several complex issues in managing tonnes of garbage within the constraints of non-availability of land for landfills and the rising concerns of pollution in the island state. Mumbai city alone generates more than 8000 tonnes of waste per day and the Deonar dumping grounds receive approximately 3000 tonnes. A scientific process to stem the rot was called for on an SOS basis.

The Municipal Corporation of Greater Mumbai (MCGM) appointed Tata Consulting Engineers (TCE) as consultants for this ambitious project. In Mumbai's Deonar waste management project, the challenge was the un-segregated nature of trash, the acute shortage of land for the processing plant and the scale of operations. MCGM is considering a capacity of about 3000 tonnes per day which is compliant with the current SWM (Solid Waste Management) 2016 and all other applicable rules. The WTE project is a fresh start to manage the fresh waste generated each day at the Deonar facility.

