

Municipal Solid Waste Management System----- A case study in ShangHai

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Keyword : Municipal Solid Waste, Scenario, Weighting, RDF, Bio-Treatment, Incineration, Landfill

ABSTRACT

With the rapid development of economy and population, Municipal Solid Waste in Shanghai was augmenting daily. The reported generation of MSW was 7million tons in 2007. Treatment and Dispose of MSW had become an imperative problem for Shanghai. Currently, there were many problems of MSW Treatment system, 53% were treated in sanitary landfill, 16% in incineration, 10% in composting, 21% in unsanitary landfill, with no RDF, and less recycling. The waste were only collected with brief classify and even transported mixed and the major problem was that carbon dioxide were released with a gigantic volume in current system. This paper proposed 5 types scenarios through Waste Management Assessment Model to analyze the combustibles cost, recyclables cost, collection cost, transport cost, and also analyzed environmental impacts, calculated the impact weighting, compared which scenario were most appropriated in ShangHai.