

BIOGAS FROM MUNICIPAL SOLID WASTE- ISSUES AND SOLUTION

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Abstract

Around the world, treatment of municipal solid waste (MSW) by local bodies is a great challenge for them and the treatment includes collection, transportation & Segregation of waste and lastly final disposal. Now exists unsatisfactory final disposal such as Landfill, Incineration, Composting and Anaerobic digestion through microbes without solid solution for segregation of waste which is most essential for treatment of waste and due to this, solid waste management is not functioning successfully. This research article gives a very simple solution for segregation of waste materials, on application of “Laws of Flotation” of Elementary Physics and the whole work of treatment involves 3 stages, all under wet process. The stage 1 works with the new technology/ method of the inventor to segregate MSW and the stage 2 and 3 are conventional method (being adopted in France) for grinding of MSW and final disposal of anaerobic digestion respectively to generate Biogas, an energy source.