

Bio Gas : Waste management service

About Bio gas: Bio gas is produced by digesting the organic matter (agricultural waste, municipal waste, plant material, sewage, or food waste) in a digester in the absence of air (anaerobic digestion). The bio gas produced can be used either as cooking fuel or burnt to convert it into electricity.

About the opportunity: India generates almost 130 million tons of waste per day of which only 12 % is being processed and treated¹. The business opportunity is to offer waste management services to the large food waste generators such as hotels, big institutions with canteen facility, hospitals, and engineering colleges by setting up a biogas plant in their premises. The kitchen waste can be converted to either biogas or electricity, which can be consumed by the user.

This service would also be useful to large apartment complexes (with 1000 flats or more) and schools that offer meal to their students.

Report coverage

1. Market –how to find customers
2. Machinery required / Quotes from suppliers
3. Advice on initial viable capacity
4. Approvals and Regulatory requirements
5. Capital requirements, profitability
6. Profitability projections for the coming years
7. Consultation with entrepreneurs who are running a successful biogas plant fabrication business

Contact details

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¹ Source: Status report (2001-13) Pollution control board