

Opportunities in Solid Waste Management

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Municipal Solid Waste in India

- India is producing more than 55m tonnes per year of Municipal Solid Waste (MSW)
- AP and Telangana alone are generating around 1.5m tonnes per year of MSW
- Solid waste majorly consists of
 - Organic waste: vegetables, flowers, leaves, fruits
 - Toxic waste: old medicines, chemicals, bulbs, fertilizer and pesticide containers, batteries
 - Recyclable waste: paper, glass, metals, plastics
- Under the Swachh Bharat mission, GOI has proposed to invest Rs. 62,000 crores in next 5 years

Issues in Solid waste management

- Currently waste management in India means collecting the waste, dumping it in the dump yards and hardly any scientific treatment
- More than 25% of MSW is not collected
- In most cities, the waste is collected by rag pickers, small contractors and municipalities. This sector is highly unorganized
- The per capita generation of MSW is also increasing exponentially with improved life style and social status of the population in urban centers
- improper solid waste management leads to serious health issues like dengue, rabies and other epidemics

Opportunities to entrepreneurs

- The large scale treatment of waste via power plants (Waste to energy power plants) has largely not worked due to lack of availability of segregated Waste (segregation between dry and wet waste)
- Large opportunity for small entrepreneurs to manage waste at local levels
 - Contractual works in collecting, segregating and disposing
 - Establishing the recycling units
 - Dealership of different equipment for solid waste management

Opportunities to entrepreneurs

- Recycling units are for segregated waste (like plastics, glass, bottles, papers and tetra packs). Currently recycling is generally done in the informal sector, AP/Telangana do not have facilities for recycling unit that can process entire range of products
- Providing composting /waste management services to large communities/industrial parks via setting up a composting plant
 - Entrepreneurs can take assistance from companies that manufacture such equipment

How can we assist you

- Detailed project profile to help you understand opportunity/risks, technology, raw material suppliers
- Assist you in getting a bank loan including preparation of project report, other documents

Thank you!

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