

E-waste recycling plant



About E-waste recycling: When the useful life of the electronic goods comes to an end they are called e-waste. It can be hazardous to dump these electronic items in open or with other type of wastes and hence it is e-wastes are re-cycled or refurbished.

About opportunity: In 2015 the market size, in terms of volume, of e-waste in India was of 3.2 million MT and expected to touch 20 million MT by 2020. In terms of value, it is presently at Rs 25,000 Crores which is expected to touch Rs 125,000 Crores by 2020¹.

In India, e-waste is mostly generated in large cities like Delhi, Mumbai, Hyderabad, Bangalore, etc. Currently, a few players like *Sims Recycling, Ecoreco and E-Parisara*, located in Chennai, Mumbai and Bangalore respectively are operational in the organized sector.

Budget: For a plant capacity of 6000 Kg/day (including 10 -20 monitors, 9 Kg wire scrap, 5 tons plastic waste, etc) the Total capital investment required is around INR 90 Lakhs including P&M of Rs. 50 Lakhs². However, an e-waste recycling unit can be started with a capital amount ranging from Rs. 2 Lakhs to over several Crores depending on the stage(s) of recycling to be undertaken and capacity of the said plant. Stages may include; picking, sorting, dismantling, shredding, refurbishing, etc.

Report coverage:

1. Competitive landscape in your area (number and business models of other players in the market)
2. Market growth drivers
3. Pricing norms of the waste from households and corporate.
4. How to start an e-waste plant (Including available franchisees)
5. Approvals and Regulatory requirements
6. Government incentives
7. Identifying clients under various industries; precious metal, plastic glass, etc.
8. Machinery required / Quotes from suppliers

¹Source: Eco recycling Ltd. Aka ECORECO

²Source: NIIR project consultancy service.

9. Financials includes working capital, fixed capital requirement
10. Profitability projections for the coming years

Contact details

Write to us: bchhatre@finetrain.com, admin@finetrain.com

Call us: 800 888 4932 / 9032398367

Visit us: www.finetrain.com

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