E–Waste Recycling Plant - Manufacturing Plant, Detailed Project Report, Profile, Business plan, Industry Trends, Market research, survey, Manufacturing Process, Machinery, Raw Materials, Feasibility study, Investment opportunities, Cost and Revenue

Description:

E-wasteis a popular, informal name for electronic products nearing the end of their"useful life." Computers, televisions, VCRs, stereos, copiers, andfax machines are common electronic products. Many of these products can bereused, refurbished, or recycled. Unfortunately, electronic discards are one ofthe fastest growing segments of our nation's waste stream. Electronic wastes,"e-waste", "e-scrap", or "Waste Electrical andElectronic Equipment" ("WEEE") is a description of surplus,obsolete, broken or discarded electrical or electronic devices. Technically,electronic "waste" is the component which is dumped or disposed ordiscarded rather than recycled, including residue from reuse and recyclingoperations.

Arange of techniques is currently applied for retrieving components andmaterials from WEEE. The essential features of these systems generally conformto a scheme of: sorting/disassembly; size reduction; separation. The maincomponents of WEEE, in terms of weight, are iron and steel followed by plasticsas can be seen, iron and steel are the most common materials found inelectrical and electronic equipment and account for almost half of the totalweight of WEEE. Plastics are the second largest component by weightrepresenting approximately 21% of WEEE. Non-ferrous metals including preciousmetals represent approximately 13% of the total weight of WEEE and glass around5%.

For more details download PDF file

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