

Recycling of Waste Plastics: Starting a Business, How to Start a Plastic Recycling Manufacturing Business, Plastic Reprocessing Unit, Indian Plastic Recycling Industry, Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends,

Description:

The plastics industry has developed considerably since the invention of various routes for the production of polymers from petrochemical sources. Plastics have substantial benefits in terms of their low weight, durability and lower cost relative to many other material types. A major portion of plastic produced each year is used to make disposable items of packaging or other short-lived products that are discarded within a year of manufacture. These two observations alone indicate that our current use of plastics is not sustainable. Recycling is one of the most important actions currently available to reduce these impacts and represents one of the most dynamic areas in the plastics industry today. Recycling provides opportunities to reduce oil usage, carbon dioxide emissions and the quantities of waste requiring disposal.

Plastic recycling refers to the process of recovering waste or scrap plastic and reprocessing it into useful product. Due to the fact that plastic is non-biodegradable, it is essential that it is recycled as part of the global efforts to reducing plastic and other solid waste in the environment.

Markets and uses for recycled plastics are rapidly expanding. Plastic containers are being collected at the curb for recycling in nearly 500 communities, representing more than 4 million households. Demand for recycled plastic will continue to expand and new markets will develop as technologies permit the efficient segregation and reprocessing of high-purity resins. Improved quality of resins, environmental issues and higher prices for virgin resin will contribute to growth.

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Keywords: Plastics recycling, plastic packaging, environmental impacts, waste management, chemical recycling, energy recovery, Recycling of Waste Plastics, Plastic Recycling Manufacturing Business, Plastic Reprocessing Unit, Indian Plastic Recycling Industry, 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, Plant Economics, Production

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