

Entrepreneur India

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Production of Bioplastic Products

Capacity:	0
Plant and machinery cost:	0.00 Lakh
Working Capital:	0.00 Lakh
Rate of return(ROR):	0.00 %
Break Even Point (BEP):	0.00 %
TCI:	0.00 Lakh
Cost of Project:	0.00 Lakh

Production of Bioplastic Products. Biodegradable and Bio-Plastics Products Manufacturing Business. Glasses, Plates and Bags Manufacturing Project.

India is the third largest plastic consumer in the world, with a total consumption of plastics of about four million tons and a resulting waste production of about two million tons. Bioplastics are those plastic materials that are manufactured by using natural resources. There are two categories of these plastics available in the market — biodegradable bioplastics and non-biodegradable bioplastics.

Demand for bioplastics is increasing since past decade due to growing awareness concerning environmental conservation, use of bio-based or natural resources for manufacturing materials and formulation of various regulations across countries for effective use of natural resources and waste management.

Products and solutions based on bioplastics/biopolymers present interesting opportunities globally. Opportunities are present across a variety of industrial sectors that include packaging, water, beverages, insulation materials, specialty materials and more. The key factor driving the bioplastics market is the need for more eco-friendly and less polluting materials. Other drivers include volatile fossil fuel prices and the need for companies to decrease their carbon footprint across their entire business value chain. The demand for bioplastics has been gradually increasing due to its renewability and availability of raw material, advanced functionality and technical properties, and the recycling options at least some of them present.

Uses & Application of Bio-plastics

Bio-plastics include single-use items such as plates, utensils, cups, and film wrap plastic bottling and as paper coatings by fast-food companies, clothing fibers compost bags, in the biomedical field, etc.

Application areas identified in India for biodegradable plastics are Agricultural Mulch, Surgical Implants, Industrial Packaging, Wrapping, Milk Sachets, Foodservice, Personal Care, Pharmaceuticals, Medical Devices, Recreational, etc.

Bioplastics are currently used most in packaging, however it has the potential to be used in any application that controversial plastics are used. Large international companies are making the move to start using bioplastics as their packaging.

The global bioplastic market will experience significant opportunities in the consumer goods and packaging sectors. The packaging applications are expected to experience significant growth with biodegradable mulch films, compostable waste bags, catering products, film packaging, and rigid packaging. The analysts forecast global bioplastics market to grow at a CAGR of 29.3% during the period 2016-2020. The global bioplastics market is driven by the emergence of renewable resources, biomass, and bio-based raw materials such as starch and vegetable crop derivatives. In 2015, bio-based bioplastics accounted for more than 80% of the global bioplastics market. The use of bioplastics in numerous applications such as packaging and domestic goods has facilitated plastics manufacturers to reduce the overdependence on petroleum-based plastics.

The demand for bio-plastics, both biodegradable and non-biodegradable, makes it one of the fastest growing thermoplastic product types globally. Currently, the biodegradable segment of bioplastics is the largest segment of the bioplastics category. Packaging, disposable food service and fiber applications are major use areas.

Bioplastic products are generally a degradable plastic in which the degradation results from the action of naturally-occurring micro-organisms such as bacteria, fungi, and algae. A biodegradable plastic product is made from normal polymer; the same used in making plastic products but at the same time it also contains newly invented biodegradable plastic additives.

The advantages of bioplastics can prevent plastic pollution from becoming worse, and other methods can be used to help clean up any of this pollution that is already present. Waste to energy programs, and other

alternative uses for traditional plastics that are cluttering up landfills and other areas, can eliminate the plastic garbage buildup that harms the earth and environment.

Demand for bio plastics is increasing since past decade due to growing awareness concerning environmental conservation, use of bio-based or natural resources for manufacturing materials and formulation of various regulations across countries for effective use of natural resources and waste management. Increased consumer preference towards biodegradable materials coupled with the growing environmental concern is expected to boost the overall growth of the biodegradable packaging market. Biodegradable packaging market is expected to witness the fastest growth, driven by food and beverage packaging.

Bio based biodegradable plastics find their application in a variety of sectors, including fibres, medical, packaging, and agriculture. The demand for bio based biodegradable plastics is massive in the packaging sector, and it is anticipated that status quo will be maintained in the next five years as well. Other prominent sectors which will create robust demand for bio based biodegradable market include agriculture and medical.

Tags

Production of Biodegradable Plastic, Production Process of Bioplastic Products, Production of Bioplastics and Biodegradable Plastics, Bioplastic Manufacturing Process, Production of Bioplastic, Bio-Plastic Products Production, Processing of Bioplastics, Bio-Plastic Production, Bioplastics Production Plant, Production of Biodegradable Plastics and Bioplastics, Bioplastics Production from Waste, Biodegradable Plastic Glass Manufacture, How to Start Bioplastics Production Business, Bioplastics Production Plant, How is Bioplastic Made? Biodegradable Plastic Bags, Manufacturing of Bioplastics Bags, Biodegradable Plastic Bag Production, Production of Bioplastic Bag, Production of Bioplastic Glass, Manufacturing of Bioplastic Glass in India, Bioplastic Glass Manufacturing Plant, Bioplastic Glass Production Process, Bioplastic Plates Manufacturing Process, Bioplastic Manufacturing Plant, Bioplastic Plates Production Plant, Bioplastic Plates Manufacturing Unit, How to Start Bioplastic Plates Manufacturing Business, Bioplastic Bag Production Process, Bioplastic Bag Manufacturing Plant, How to Start Bioplastic Bag Manufacturing Business, Bioplastic Manufacturing project ideas, Projects on Small Scale Industries, Small scale industries projects ideas, Bioplastic Manufacturing Based Small Scale Industries Projects, Project profile on small scale industries, How to Start Bioplastic Manufacturing Industry in India, Bioplastic Bag Manufacturing Projects, New project profile on Bioplastic Bag Production industries, Project Report on Bioplastic Glass Production Industry, Detailed Project Report on Bioplastic Bag Manufacturing, Project Report on Bioplastic Glass Production, Pre-Investment Feasibility Study on Bioplastic Glass Production, Techno-Economic feasibility study on Bioplastic Bag Manufacturing, Feasibility report on Bioplastic Bag Production, Free Project Profile on Bioplastic Glass Production, Project profile on Bioplastic Glass Production, Download free project profile on Bioplastic Manufacturing, Industrial Project Report, Project consultant, Project consultancy, Startup Project for Bioplastic Bag Production Business

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