

Bioplastics Market by Type (Biodegradable Plastic and Non-biodegradable Plastic) and Application (Rigid Packaging, Flexible Packaging, Textile, Agriculture & Horticulture, Consumer Good, Automotive, Electronic, Building & Construction, and Others) - Global Opportunity Analysis and Industry Forecast, 2018-2024

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Abstracts

Bioplastics are the family of products derived from the renewable feedstocks such as corn, sugarcane, and cellulose. Eco-friendly nature, availability of renewable feedstocks and favorable government policies were the prime reason for manufacturers to shift toward bio-based plastics. Increase in adoption of biodegradable products and improvement in scope of bioplastics in the end-user industries are the key factors that drive the growth of the bioplastics market. However, its high production cost and comparatively lower performance standard than traditional plastics hampers the market growth to a certain extent.

Bioplastics are consumed across a wide range of industries such as rigid packaging, flexible packaging, textile, agriculture & horticulture, consumer goods, automotive, electronics, building & construction, and others. In 2017, the adoption of bioplastics in rigid packaging was highest and is expected to grow at the highest CAGR during 2018 to 2024. Bioplastics possess properties such as gloss, barrier effect, antistatic behavior, and printability, thereby making it suitable for rigid packaging application. Furthermore, packaging industries have substantial curiosity for the biodegradability as there is an increase in demand for packaging, resulting in accumulation of waste. Therefore, packaging industry consumes bioplastics to decrease or recycle the accumulated waste products.

By type, the bioplastics market is bifurcated into biodegradable and non-biodegradable

bioplastics. Furthermore, biodegradable is segmented into polylactic acid (PLA), polyhydroxyalkanoates (PHA), starch blend, polyester (PBAT & PBS), and cellulose acetate. Non-biodegradable is divided into epoxy, polyurethane, polyethylene terephthalate (PET), and others (polyamide (PA), polyethylene (PE), ethylene propylene diene monomer rubber (EPDM), and polytrimethylene terephthalate (PTT)).

Based on region, the market is studied across North America, Europe, Asia-Pacific, and LAMEA. In 2017, Europe was the highest contributor to the bioplastic market. European policy makers support European bioplastics manufactures and increase in adoption in Germany, Italy, and the UK are the key factors responsible for the growth of the bioplastics market in Europe.

However, Asia-Pacific is projected to be the fastest producing market and the consumption is expected to grow at a CAGR of 20.4% during 2018-2024 in terms of value contributing to the huge investments made by the world giants in the region. Competitive Intelligence on few prominent manufacturers of bioplastics provide key insights in terms of strategies implemented to gain significant share in the bioplastics market. The years, 2012 and 2013, have played a significant role to formulate different strategies and thus help build a strong base for the market expansion. The top players adopt some key developmental strategies such as partnership, expansion, collaboration, joint venture, merger, and product launch for smoothening the operation and retaining their competitiveness in the market.

Some of the leading manufacturers profiled in this report are Novamont S.p.A., BASF SE, Natureworks LLC, Corbion PuracN.V., Braskem S.A., SECOSecos Group Ltd., Biome Technologies Plc, FKuR Kunststoff GmbH, Innovia Films Ltd., and Toray Industries Inc Indorama Ventures Public Company Limited.

KEY BENEFITS

This report provides a quantitative analysis of the current trends, estimations, and dynamics of the global bioplastics market from 2017 to 2024 to identify the prevailing market opportunities.

The key countries in all the major regions are mapped based on their market share.

Porter's Five Forces analysis highlights the potency of buyers and suppliers to enable stakeholders to make profit-oriented business decisions and strengthen their supplier-buyer network.

In-depth analysis of the market segmentation assists in determining the

prevailing market opportunities.

Major countries in each region are mapped according to their revenue contribution to the global industry. Market player positioning segment facilitates benchmarking and provides a clear understanding of the present position of market players.

The report includes the analysis of the regional as well as global market, key players, market segments, application areas, and growth strategies.

KEY MARKET SEGMENTS:

By Type

Biodegradable Bioplastic

Polylactic Acid (PLA)

Polyhydroxyalkanoate (PHA)

Starch Blend

Polyester (PBAT & PBS)

Cellulose Acetate

Non-biodegradable Bioplastic

Epoxy

Polyurethane

Polyethylene Terephthalate

Others (PA, PE, EPDM, & PTT)

By Application

Rigid Packaging

Flexible Packaging

Textile

Agriculture & Horticulture

Consumer Good

Automotive

Electronic

Building & Construction

Others

By Region

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Italy

Spain

Rest of Europe

Asia-Pacific

China

India

Japan

South Korea

Rest of Asia-Pacific

LAMEA

Brazil

Argentina

South Africa

Saudi Arabia

UAE

Rest of LAMEA

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