

# **Bioplastic Market by Biodegradable Type (Polylactic Acid (PLA), Polybutylene Adipate Terephthalate (PBAT), Polybutylene Succinate (PBS), Polyhydroxyalkanoates (PHA), Starch Blends, and Others), Non-Biodegradable Plastic (PE, PET, PA, PP, PEF, PTT, and Others), and Application (Packaging, Agriculture, Consumer Durables, Textile, and Others): Opportunity Analysis and Industry Forecast, 2020–2027**

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## **Abstracts**

The global bioplastic market was valued at \$4.6 billion in 2019, and is projected to reach \$13.1 billion by 2027, growing at a CAGR of 13.8% from 2020 to 2027.

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. 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 2019, the adoption of bioplastics in packaging was highest and is expected to grow at the highest CAGR during 2020 to 2027. 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.

The global bioplastic market is segmented on the basis of type, application, and region. On the basis of biodegradable plastic type, the market is divided into polylactic acid (PLA), polybutylene adipate terephthalate (PBAT), polybutylene succinate (PBS), polyhydroxyalkanoates (PHA), starch blends, and others. On the basis of non-biodegradable plastic type, the market is segmented into PE, PET, PA, PP, PEF, PTT and Others.

On the basis of application, the market is categorized into packaging, agriculture, textile, consumer durable, and others. The market is studied across North America, Europe, Asia-Pacific, and LAMEA. Asia-Pacific is projected to hold a major share in the market in terms of value contributing to the huge investments made by the global 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 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. Europe was the fastest growing region of the bioplastic market. European policy makers support European bioplastic 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.

Major manufacturers studied profiled in the report are BASF SE, Biotec Pvt. Ltd., Biotrem, Danimer Scientific, Dow Inc., Eastman Chemical Company, Hemp Plastic, Minima, Mitsubishi Chemical Holdings, Novamont SpA, and Solanyl Biopolymers.

#### Key benefits for stakeholders

The report provides an extensive qualitative and quantitative analysis of the current trends and future estimations of the global bioplastic market from 2019 to 2027 to determine the prevailing opportunities.

A comprehensive analysis of the factors that drive and restrict the growth of the market is provided.

Estimations and forecast are based on factors impacting the market growth, in terms of both value and volume.

Profiles of leading players operating in the market are provided to understand the competitive scenario in the global markets.

The report provides extensive qualitative insights on the significant segments and countries exhibiting favorable market growth.

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Polybutylene Succinate (PBS)

Polyhydroxyalkanoates (PHA)

Starch Blends

Others

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PE

PET

PA

PP

PEF

PTT

Others

### Application

Packaging

Agriculture

Consumer Durables

Textile

Others

Region

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Italy

Spain

Rest of Europe

Asia-Pacific

China

India

Japan

South Korea

Australia

Rest of Asia-Pacific

LAMEA

Brazil

Saudi Arabia

South Africa

Rest of LAMEA

## **List of Company Profiles**

Major manufacturers profiled in the bioplastic market analysis are BASF SE, Dow Inc., Novamont S.p.A., Plantic, Natureworks, Corbion N.V., Biome Technologies plc, Mitsubishi Chemical Holdings, Eastman Chemical Company, and Danimer Scientific.

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FIGURE 34.U.S. BIOPLASTICS MARKET, 2019-2027 (\$MILLION)

FIGURE 35.U.S. BIOPLASTICS MARKET, 2019-2027 (\$MILLION)

FIGURE 36.U.S. BIOPLASTICS MARKET, 2019-2027 (\$MILLION)

FIGURE 37.U.S. BIOPLASTICS MARKET, 2019-2027 (\$MILLION)

FIGURE 38.U.S. BIOPLASTICS MARKET, 2019-2027 (\$MILLION)

FIGURE 39.U.S. BIOPLASTICS MARKET, 2019-2027 (\$MILLION)

FIGURE 40.U.S. BIOPLASTICS MARKET, 2019-2027 (\$MILLION)

FIGURE 41.U.S. BIOPLASTICS MARKET, 2019-2027 (\$MILLION)

FIGURE 42.U.S. BIOPLASTICS MARKET, 2019-2027 (\$MILLION)

FIGURE 43.U.S. BIOPLASTICS MARKET, 2019-2027 (\$MILLION)

FIGURE 44.U.S. BIOPLASTICS MARKET, 2019-2027 (\$MILLION)

FIGURE 45.U.S. BIOPLASTICS MARKET, 2019-2027 (\$MILLION)

FIGURE 46.U.S. BIOPLASTICS MARKET, 2019-2027 (\$MILLION)

FIGURE 47.U.S. BIOPLASTICS MARKET, 2019-2027 (\$MILLION)

FIGURE 48.U.S. BIOPLASTICS MARKET, 2019-2027 (\$MILLION)

FIGURE 49.U.S. BIOPLASTICS MARKET, 2019-2027 (\$MILLION)

FIGURE 50.U.S. BIOPLASTICS MARKET, 2019-2027 (\$MILLION)

FIGURE 51.U.S. BIOPLASTICS MARKET, 2019-2027 (\$MILLION)

FIGURE 52.BASF SE: REVENUE, 2017–2019 (\$MILLION)

FIGURE 53.BASF SE: REVENUE SHARE BY SEGMENT, 2019 (%)

FIGURE 54.BASF SE: REVENUE SHARE BY REGION, 2019 (%)

FIGURE 55.BIOME TECHNOLOGIES PLC.: REVENUE, 2017–2019 (\$MILLION)

FIGURE 56.BIOME TECHNOLOGIES PLC. : REVENUE SHARE BY SEGMENT, 2019 (%)

FIGURE 57.BIOME TECHNOLOGIES PLC. : REVENUE SHARE BY REGION, 2019 (%)

FIGURE 58.CORBION N.V.: REVENUE, 2017–2019 (\$MILLION)

FIGURE 59.CORBION N.V.: REVENUE SHARE BY SEGMENT, 2019 (%)

FIGURE 60.CORBION N.V.: REVENUE SHARE BY REGION, 2019 (%)

FIGURE 61.DOW INC.: REVENUE, 2017–2019 (\$MILLION)

FIGURE 62.DOW INC.: REVENUE SHARE BY SEGMENT, 2019 (%)

FIGURE 63.DOW INC.: REVENUE SHARE BY REGION, 2019 (%)

FIGURE 64.EASTMAN CHEMICAL COMPANY: REVENUE, 2017–2019 (\$MILLION)

FIGURE 65.EASTMAN CHEMICAL COMPANY: REVENUE SHARE BY SEGMENT, 2019 (%)

FIGURE 66.EASTMAN CHEMICAL COMPANY: REVENUE SHARE BY REGION, 2019 (%)

FIGURE 67.KURARAY CO., LTD.: REVENUE, 2017–2019 (\$MILLION)

FIGURE 68.KURARAY CO., LTD.: REVENUE SHARE BY SEGMENT, 2019 (%)

FIGURE 69.MITSUBISHI CHEMICAL HOLDINGS: REVENUE, 2017–2019 (\$MILLION)

FIGURE 70.MITSUBISHI CHEMICAL HOLDINGS: REVENUE SHARE BY SEGMENT, 2019 (%)

FIGURE 71.NOVAMONT S.P.A: REVENUE, 2017–2018 (\$MILLION)

FIGURE 72.PTT GLOBAL CHEMICAL COMPANY LIMITED: REVENUE, 2017–2018 (\$MILLION)

FIGURE 73.PTT GLOBAL CHEMICAL COMPANY LIMITED: REVENUE SHARE BY SEGMENT, 2019 (%)

FIGURE 74.PTT GLOBAL CHEMICAL COMPANY LIMITED: REVENUE SHARE BY REGION, 2019 (%)

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