

# Technology Landscape, Trends and Opportunities in the Global Bio-plastic Market

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## Abstracts

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The technology in bio-plastic has undergone significant change in recent years, from PLA (polylactic acid) to PHAs (polyhydroxyalkanoates) based bioplastic. The rising wave of new technologies such as biodegradable bio-plastics are creating significant potential in packaging and agriculture and horticulture applications due to growing environmental concerns and increasing awareness of the economic & ecological viability of using bioplastics.

In agrochemical market, various technologies such as biodegradable and non-biodegradable bioplastics are used in the packaging, textile, agriculture and horticulture, automotive, electronics, and building and construction applications. Improvement in scope of bio-plastics across end-user industries, shift in consumer preference toward eco-friendly plastic products, and rising use in food packaging and compostable bag applications are creating new opportunities for various bio-plastic technologies.

This report analyzes technology maturity, degree of disruption, competitive intensity, market potential, and other parameters of various technologies in the bio-plastic market. Some insights are depicted below by a sample figure. For more details on figures, the companies researched, and other objectives/benefits on this research report, please download the report brochure.

The study includes technology readiness, competitive intensity, regulatory compliance, disruption potential, trends, forecasts and strategic implications for the global bio-plastic technology by application, technology, and region as follows:

## Technology Readiness by Technology Type

Competitive Intensity and Regulatory Compliance

Disruption Potential by Technology Type

Trends and Forecasts by Technology Type [\$M shipment analysis from 2018 to 2030]:

Biodegradable

Non-Biodegradable

Technology Trends and Forecasts by Application [\$M shipment analysis from 2018 to 2030]:

Packaging

Biodegradable

Non-Biodegradable

Textile

Biodegradable

Non-Biodegradable

Agriculture and Horticulture

Biodegradable

Non-Biodegradable

Automotive

Biodegradable

Non-Biodegradable

Electronics

Biodegradable

Non-Biodegradable

Building and Construction

Biodegradable

Non-Biodegradable

Other

Biodegradable

Non-Biodegradable

Technology Trends and Forecasts by Region [\$M shipment analysis for 2018  
t%l%2030]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Asia Pacific

Japan

China

South Korea

India

The Rest of the World

Latest Developments and Innovations in the Bio-plastic Technologies

Companies / Ecosystems

Strategic Opportunities by Technology Type

Some of the bio-plastic companies profiled in this report include NatureWorks, BASF, Total Corbion PLA, Mitsubishi Chemical, Biome Bioplastics, Plantic Technologies, Bio-On, Danimer Scientific, Novamont, and Toray Industries

This report answers following 9 key questions:

Q.1 What are some of the most promising and high-growth technology opportunities for the bio-plastic market?

Q.2 Which technology will grow at a faster pace and why?

Q.3 What are the key factors affecting dynamics of different technologies? What are the drivers and challenges of these technologies in bio-plastic market?

Q.4 What are the levels of technology readiness, competitive intensity and regulatory compliance in this technology space?

Q.5 What are the business risks and threats to these technologies in bio-plastic market?

Q.6 What are the latest developments in bio-plastic technologies? Which companies are leading these developments?

Q.7 Which technologies have potential of disruption in this market?

Q.8 Who are the major players in this bio-plastic market? What strategic initiatives are being implemented by key players for business growth?

Q.9 What are strategic growth opportunities in this bio-plastic technology space?

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