

Technology Landscape, Trends and Opportunities in the Global Biodegradable Plastics Market

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Abstracts

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The technology in biodegradable plastics have undergone significant changes in recent years, with traditional petroleum based t%li%advanced bi%li%based plastics. The rising wave of new technologies, such as bio-based and oxo-degradable plastics are creating significant potential in packaging, pharmaceutical, and agriculture applications, t%li%reduce VOC emission, and plastic waste.

In biodegradable plastics market, various technologies, such as oxo-degradable technology, bioplastics or bio-based plastics, and biodegradable plastics from biosphere are used in the packaging, agriculture and horticulture, pharmaceutical, sports and leisure, automotive, construction, and textile applications. Increasing use of biodegradable plastics in packaging, agriculture, and automotive applications, stringent government regulations, and rising awareness about plastic waste are creating new opportunities for various biodegradable plastics technologies.

This report analyzes technology maturity, degree of disruption, competitive intensity, market potential, and other parameters of various technologies in the biodegradable plastics 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 biodegradable plastics 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]:

Oxo-Degradable

Bioplastics or Bio-based Plastics

Biodegradable Plastics from Biosphere

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

Packaging

Oxo-Degradable

Bioplastics or Bio-based Plastics

Biodegradable Plastics from Biosphere

Agriculture and Horticulture

Oxo-Degradable

Bioplastics or Bio-based Plastics

Biodegradable Plastics from Biosphere

Pharmaceutical

Oxo-Degradable

Bioplastics or Bio-based Plastics

Biodegradable Plastics from Biosphere

Sports and Leisure

Oxo-Degradable

Bioplastics or Bio-based Plastics

Biodegradable Plastics from Biosphere

Automotive

Oxo-Degradable

Bioplastics or Bio-based Plastics

Biodegradable Plastics from Biosphere

Construction

Oxo-Degradable

Bioplastics or Bio-based Plastics

Biodegradable Plastics from Biosphere

Textile

Oxo-Degradable

Bioplastics or Bio-based Plastics

Biodegradable Plastics from Biosphere

Technology Trends and Forecasts by Region [\$M shipment analysis for 2018
t%li%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 Biodegradable Plastics Technologies

Companies / Ecosystems

Strategic Opportunities by Technology Type

Some of the biodegradable plastics 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 biodegradable plastics 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 biodegradable plastics 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 biodegradable plastics market?

Q.6 What are the latest developments in biodegradable plastics 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 biodegradable plastics market? What strategic initiatives are being implemented by key players for business growth?

Q.9 What are strategic growth opportunities in this biodegradable plastics technology space?

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