

Europe Bioplastics & Biopolymers Market By Type (Non-Biodegradable vs Biodegradable), By End-Use Industry (Packaging, Consumer Goods, Agriculture & Horticulture, Textile, Automotive & Transportation and Others), By Country, Competition Forecast & Opportunities, 2028

<https://marketpublishers.com/r/E98173041F38EN.html>

Date: July 2023

Pages: 89

Price: US\$ 4,400.00 (Single User License)

ID: E98173041F38EN

Abstracts

Europe Bioplastics & Biopolymers market is anticipated to observe impressive growth during the forecast period, 2024-2028. Bioplastics are made from bio-based materials such as sugar, seaweed, or starch. Biopolymers, on the other hand, are a broad class of materials that include bioplastics as well as natural polymers like silk, chitosan, and wool. Bioplastics and biopolymers have a wide range of functionalities that are tailored to each application. They may be transformed using normal plastic processing procedures into a wide range of commodities. For most instances, it is sufficient to simply adapt the processing equipment's process parameters to each polymer's specific needs. According to the European Bioplastics Association, global bioplastics production capacities are set to increase from around 2.23 million tonnes in 2022 to approximately 6.3 million tonnes in 2027.

Additionally, bio-based plastics are superior to traditional plastics in that they lessen dependency on finite fossil resources while simultaneously reducing greenhouse gas emissions by substituting plant-based materials for fossil-based ones. According to the EuropaBio Association, the European bioplastics industry accounted for around 23,000 jobs in Europe, but this number could increase more than tenfold by 2030, with up to 300,000 high-skilled jobs in the European bioplastics sector. Depending on the feedstock, the product, and the application, some life cycle evaluations demonstrate that bio-based plastics offer large CO₂ savings compared to conventional plastics.

Because of this, bio-based plastics can support the European Union (EU) in lowering greenhouse gas emissions and achieving its zero-net emissions goal by 2030.

Furthermore, plastics made from bio-based or partially bio-based materials, like bio-based PE or PET, exhibit the same physical characteristics as their conventional counterparts and, in addition to being mechanically recyclable in current recycling streams, have the added advantage of lowering a product's carbon footprint. The bioplastics and biopolymers sector has developed a wide range of cutting-edge technical and material solutions. Numerous bio-based polymers offer novel material features for improved performance, such as improved optical qualities, greater material strength, increased breathability, and decreased thickness. By being biodegradable in specific settings, cutting-edge polymers like PLA, PHA, or bio-based PBS offer new end-of-life alternatives. Other modern materials, including 100% biobased polyethylene furanoate (PEF), are easily mechanically recyclable and have superior barrier qualities to equivalent conventional polymers.

Development of Advanced Materials

The main driver that is stimulating the growth of bio-based, biodegradable plastics is the development of biopolymers such as PLA (polylactic acid) and PHAs (polyhydroxyalkanoates). These polymers and plastics are completely biobased and biodegradable and exhibit exceptional physical and mechanical properties depending on their chemical composition. As per European Bioplastics Association, the production capacities of PLA are also predicted to double by 2023 compared to 2018, therefore, increasing the demand for the overall bioplastics & biopolymers market. Furthermore, it is anticipated that bio-based PP will enter the market at a commercial scale with a strong growth potential due to the widespread application of PP in a variety of sectors.

Increasing Awareness Regarding Sustainability Among Consumers

Plastic pollution is a significant threat to the natural ecosystem owing to its toxicity and the damage it causes to animal, aquatic, and plant species. The majority of plastics produced are derived from fossil fuel feedstocks, which emit harmful greenhouse gases (GHG), causing global temperatures to rise. According to United Nations (UN), GHG emissions from plastics could reach about 13% of the entire remaining carbon budget by 2050. Moreover, according to the World Wide Fund, an average person could be ingesting approximately 5 grams of plastic every week, which affects human health, causing cancer or changing hormone activity, which can lead to reproductive issues and cognitive impairment. As a result, the use of alternatives such as bioplastics and

biopolymers is being promoted to reduce reliance on fossil resources while improving a product's carbon footprint.

Recent Developments

Recently, the use of independent and internationally respected labels to mark bioplastic and biopolymer products has become important for consumers to receive transparent and correct information in the European Union (EU). For instance, the substantiation of bio-based claims should conform to the EU standards EN 16640 and/or EN 16785. Those standards specify the calculation method for determining the bio-based (carbon) content in monomers, polymers, and plastic materials and products based on the C14 content measurement or C14 method and elemental analysis, respectively. Furthermore, biodegradable products certified according to the standards EN 13432 and EN 14995 can be called (industrially) compostable.

Market Segmentation

Europe Bioplastics & Biopolymers market is segmented into Type, End-Use Industry, Country, and Company. Based on type, the market is divided into Non-Biodegradable and Biodegradable. Based on End-Use Industry, the market is divided into Packaging, Consumer Goods, Agriculture & Horticulture, Textile, Automotive & Transportation, and Others.

Market Players

BASF SE, Novamont S.p.A., Total Carbon Pla, Biome Bioplastics Limited, Ecovia Renewables Inc., Bio-on S.p.A., Nurel Biopolymers, HPPE LLC, Specialty Biopolymers Corporation, Meredian Holdings Group Inc. are some of the leading companies operating in the market.

Report Scope:

In this report, Europe Bioplastics & Biopolymers market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Europe Bioplastics & Biopolymers Market, By Type:

Non-Biodegradable

Biodegradable

Europe Bioplastics & Biopolymers Market, By End-Use Industry:

Packaging

Consumer Goods

Agriculture & Horticulture

Textile,

Automotive & Transportation

Others

Europe Bioplastics & Biopolymers Market, By Country:

France

Germany

United Kingdom

Italy

Spain

Finland

Belgium

Portugal

Denmark

Netherlands

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present Europe Bioplastics & Biopolymers market

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Research Data
 - 2.1.1. Secondary Data
 - 2.1.2. Primary Data
- 2.2. Market Size Estimation
 - 2.2.1. Bottom-Up Approach
 - 2.2.2. Top-Down Approach
- 2.3. Market Breakdown & Triangulation
- 2.4. Research Assumptions

3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, Trends

4. IMPACT OF COVID-19 ON EUROPE BIOPLASTICS & BIOPOLYMERS MARKET

5. VOICE OF CUSTOMER

6. EUROPE BIOPLASTICS & BIOPOLYMERS MARKET OUTLOOK

- 6.1. Market Size & Forecast
 - 6.1.1. By Value
- 6.2. Market Share & Forecast
 - 6.2.1. By Type (Non-Biodegradable vs Biodegradable)

6.2.2. By End-Use Industry (Packaging, Consumer Goods, Agriculture & Horticulture, Textile, Automotive & Transportation and Others)

6.2.3. By Country

6.2.4. By Company (2022)

6.3. Market Map

6.3.1. By Type

6.3.2. By End-Use Industry

6.3.3. By Country

6.4. Europe: Country Analysis

6.4.1. France Bioplastics & Biopolymers Market Outlook

6.4.1.1. Market Size & Forecast

6.4.1.1.1. By Value

6.4.1.2. Market Share & Forecast

6.4.1.2.1. By Type

6.4.1.2.2. By End-Use Industry

6.4.2. Germany Bioplastics & Biopolymers Market Outlook

6.4.2.1. Market Size & Forecast

6.4.2.1.1. By Value

6.4.2.2. Market Share & Forecast

6.4.2.2.1. By Type

6.4.2.2.2. By End-Use Industry

6.4.3. United Kingdom Bioplastics & Biopolymers Market Outlook

6.4.3.1. Market Size & Forecast

6.4.3.1.1. By Value

6.4.3.2. Market Share & Forecast

6.4.3.2.1. By Type

6.4.3.2.2. By End-Use Industry

6.4.4. Italy Bioplastics & Biopolymers Market Outlook

6.4.4.1. Market Size & Forecast

6.4.4.1.1. By Value

6.4.4.2. Market Share & Forecast

6.4.4.2.1. By Type

6.4.4.2.2. By End-Use Industry

6.4.5. Spain Bioplastics & Biopolymers Market Outlook

6.4.5.1. Market Size & Forecast

6.4.5.1.1. By Value

6.4.5.2. Market Share & Forecast

6.4.5.2.1. By Type

6.4.5.2.2. By End-Use Industry

6.4.6. Finland Bioplastics & Biopolymers Market Outlook

6.4.6.1. Market Size & Forecast

6.4.6.1.1. By Value

6.4.6.2. Market Share & Forecast

6.4.6.2.1. By Type

6.4.6.2.2. By End-Use Industry

6.4.7. Belgium Bioplastics & Biopolymers Market Outlook

6.4.7.1. Market Size & Forecast

6.4.7.1.1. By Value

6.4.7.2. Market Share & Forecast

6.4.7.2.1. By Type

6.4.7.2.2. By End-Use Industry

6.4.8. Portugal Bioplastics & Biopolymers Market Outlook

6.4.8.1. Market Size & Forecast

6.4.8.1.1. By Value

6.4.8.2. Market Share & Forecast

6.4.8.2.1. By Type

6.4.8.2.2. By End-Use Industry

6.4.9. Denmark Bioplastics & Biopolymers Market Outlook

6.4.9.1. Market Size & Forecast

6.4.9.1.1. By Value

6.4.9.2. Market Share & Forecast

6.4.9.2.1. By Type

6.4.9.2.2. By End-Use Industry

6.4.10. Netherlands Bioplastics & Biopolymers Market Outlook

6.4.10.1. Market Size & Forecast

6.4.10.1.1. By Value

6.4.10.2. Market Share & Forecast

6.4.10.2.1. By Type

6.4.10.2.2. By End-Use Industry

7. MARKET DYNAMICS

7.1. Drivers

7.2. Challenges

8. MARKET TRENDS & DEVELOPMENTS

9. COMPETITIVE LANDSCAPE

- 9.1. Business Overview
- 9.2. Products & Service Offerings
- 9.3. Recent Developments
- 9.4. Financials (As Reported)
- 9.5. Key Personnel
- 9.6. SWOT Analysis
 - 9.6.1. BASF SE
 - 9.6.2. Novamont S.p.A.
 - 9.6.3. Total Carbon Pla
 - 9.6.4. Biome Bioplastics Limited
 - 9.6.5. Ecovia Renewables Inc.
 - 9.6.6. Bio-on S.p.A.
 - 9.6.7. Nurel Biopolymers
 - 9.6.8. HPPE LLC
 - 9.6.9. Specialty Biopolymers Corporation
 - 9.6.10. Meredian Holdings Group Inc.

10. STRATEGIC RECOMMENDATIONS

I would like to order

Product name: Europe Bioplastics & Biopolymers Market By Type (Non-Biodegradable vs Biodegradable), By End-Use Industry (Packaging, Consumer Goods, Agriculture & Horticulture, Textile, Automotive & Transportation and Others), By Country, Competition Forecast & Opportunities, 2028

Product link: <https://marketpublishers.com/r/E98173041F38EN.html>

Price: US\$ 4,400.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/E98173041F38EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970