

# **Europe Biodegradable Plastics Market Forecast to 2028 – COVID-19 Impact and Regional Analysis – by Type (PLA, PHA, Starch Blends, PBS, PBAT, and Others) and End User (Packaging and Bags, Agriculture and Horticulture, Consumer Goods, and Others)**

<https://marketpublishers.com/r/E3FE2BA23362EN.html>

Date: April 2023

Pages: 99

Price: US\$ 3,000.00 (Single User License)

ID: E3FE2BA23362EN

## **Abstracts**

The Europe biodegradable plastics market is expected to grow from US\$ 2,670.22 million in 2022 to US\$ 7,300.79 million by 2028. It is estimated to grow at a CAGR of 18.3% from 2022 to 2028.

**Growing Awareness Among Customers About Adverse Effects of Conventional Plastics is Drive Europe Biodegradable Plastics Market**

The customers in developed and developing countries have been educated of the ill effects of conventional plastics on their lifestyle and the environment. As a result, they demand more environmentally friendly products, which leads to a depreciation in the use of crude oil and natural gas, that results in the reduction carbon footprints. Biodegradable plastic is a surrogate for nearly all conventional plastics used in a diverse range of applications. These plastics offer innovative alternatives with enhanced properties, along with distinctive ability to lessen the emissions as well as provide the same qualities and functionalities as that of conventional plastics. The biodegradable plastics are synthesized using renewable resources as well as fossil raw materials, such as cellulose ester, PLA, PHA, starch derivatives, and copolyesters (PBS, PBAT, etc.). Various organizations are engaged in bringing transformation in the handling of plastics, through strategic planning, communication, consumer awareness campaigns, documentary films, education, clean up campaigns, raising business awareness,

scientific research, entrepreneurial innovation, legislation, and sustainability. The key aim is to educate the users regarding plastic pollution, thereby encouraging the invention of more sustainable solutions, and empowerment of more people and business organizations to take action to stop plastic pollution. Therefore, the revolution in consumer demand on the basis of environmental awareness, packaging convenience, and sustainable plastic production systems is boosting the Europe biodegradable plastic market growth.

## Europe Biodegradable Plastics Market Overview

The Europe biodegradable plastic market is segmented into Germany, France, Italy, the UK, Spain, and the Rest of Europe. Europe biodegradable plastics market dominates the global market. The dominance is attributed to increasing environmental concerns among consumer and rising adoption of biodegradable plastics owing to its eco-friendly nature. Compared to conventional synthetic plastic, biodegradable plastics can reduce carbon dioxide emissions by 30-70%. Besides, it does not adversely impact the environment, as the material does not have any toxicity and degrades quickly. Biodegradable plastic represents 42% reduction in carbon footprints. In addition, rising research and development investment in the biodegradable plastic sector by private as well as public organizations has further surged the growth of the market.

Moreover, stringent regulations imposed on single use plastic ban coupled with government initiatives towards adoption of biodegradable plastics has further surged the demand for market. The EU directive has proposed reducing the dependency on disposable plastics by 2030. In 2019, a new circular economy action plan was published in Europe. The European Commission announced a policy framework on sourcing, labeling, and using bio-based plastics and biodegradable and compostable plastics. The European Commission also assesses where bio-based feedstock leads to genuine environmental benefits, lowering the use of fossil resources. Consequently, these factors are anticipated to propel the demand for biodegradable plastics in the region during the projection period.

## Europe Biodegradable Plastics Market Revenue and Forecast to 2028 (US\$ Million)

### Europe Biodegradable Plastics Market Segmentation

The Europe biodegradable plastics market is segmented into type, end user, and country.

Based on type, the Europe biodegradable plastics market is segmented into PLA, PHA, starch blends, PBS, PBAT, and others. In 2022, the starch blends segment registered a largest share in the Europe biodegradable plastics market.

Based on end-user, the Europe biodegradable plastics market is segmented into packaging and bags, agriculture and horticulture, consumer goods, and others. In 2022, the packaging and bags segment registered a largest share in the Europe biodegradable plastics market.

Based on country, the Europe biodegradable plastics market is segmented into Germany, France, Italy, the UK, Russia, and the Rest of Europe. In 2022, the Rest of Europe segment registered a largest share in the Europe biodegradable plastics market.

BASF SE; FKUR Kunststoff GmbH; Kingfa Science and Technology Co Ltd; Mitsubishi Chemical Holdings Corp; NatureWorks LLC; Novamont SpA; Plantic Technologies Ltd; TotalEnergies Corbion BV are the leading companies operating in the Europe biodegradable plastics market.

## Contents

### **1. INTRODUCTION**

- 1.1 Study Scope
- 1.2 The Insight Partners Research Report Guidance
- 1.3 Market Segmentation
  - 1.3.1 Europe Biodegradable Plastics Market – By Type
  - 1.3.2 Europe Biodegradable Plastics Market – End-User
  - 1.3.3 Europe Biodegradable Plastics Market – By Country

### **2. KEY TAKEAWAYS**

### **3. RESEARCH METHODOLOGY**

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

### **4. EUROPE BIODEGRADABLE PLASTICS MARKET LANDSCAPE**

- 4.1 Market Overview
- 4.2 Porter's Five Forces Analysis
- 4.3 Expert Opinions

### **5. EUROPE BIODEGRADABLE PLASTICS MARKET – KEY INDUSTRY DYNAMICS**

- 5.1 Market Drivers
  - 5.1.1 Growing awareness among customers about adverse effects of conventional plastics
  - 5.1.2 Clean up efforts taken up by the governments.
- 5.2 Market Restraints
  - 5.2.1 Cheaper alternatives like conventional plastics
- 5.3 Market Opportunities
  - 5.3.1 Implementation of biodegradable plastics in biomedical applications
- 5.4 Future Trends
  - 5.4.1 Emerging Use of Biodegradable Plastic in Biomedical Applications
- 5.5 Impact Analysis of Drivers and Restraints

## **6. BIODEGRADABLE PLASTICS – EUROPE MARKET ANALYSIS**

### 6.1 Europe Biodegradable Plastics Market Forecast and Analysis

## **7. EUROPE BIODEGRADABLE PLASTICS MARKET ANALYSIS – BY TYPE**

### 7.1 Overview

### 7.2 Europe Biodegradable Plastics Market, By Type (2021 and 2028)

#### 7.2.1 PLA

##### 7.2.1.1 Overview

##### 7.2.1.2 PLA: Europe Biodegradable Plastics Market – Revenue and Forecast to 2028 (US\$ Mn)

#### 7.2.2 PHA

##### 7.2.2.1 Overview

##### 7.2.2.2 PHA: Europe Biodegradable Plastics Market – Revenue and Forecast to 2028 (US\$ Mn)

#### 7.2.3 Starch Blends

##### 7.2.3.1 Overview

##### 7.2.3.2 Starch Blends: Europe Biodegradable Plastics Market – Revenue and Forecast to 2028 (US\$ Mn)

#### 7.2.4 PBS

##### 7.2.4.1 Overview

##### 7.2.4.2 PBS: Europe Biodegradable Plastics Market – Revenue and Forecast to 2028 (US\$ Mn)

#### 7.2.5 PBAT

##### 7.2.5.1 Overview

##### 7.2.5.2 PBAT: Europe Biodegradable Plastics Market – Revenue and Forecast to 2028 (US\$ Mn)

#### 7.2.6 Others

##### 7.2.6.1 Overview

##### 7.2.6.2 Others: Europe Biodegradable Plastics Market – Revenue and Forecast to 2028 (US\$ Mn)

## **8. EUROPE BIODEGRADABLE PLASTICS MARKET ANALYSIS – BY END USER**

### 8.1 Overview

### 8.2 Europe Biodegradable Plastics Market, By End User (2021 and 2028)

### 8.3 Packaging and Bags

### 8.3.1 Overview

### 8.3.2 Packaging and Bags: Europe Biodegradable Plastics Market – Revenue and Forecast to 2028 (US\$ Mn)

## 8.4 Agriculture and Horticulture

### 8.4.1 Overview

### 8.4.2 Agriculture and Horticulture: Europe Biodegradable Plastics Market – Revenue and Forecast to 2028 (US\$ Mn)

## 8.5 Consumer Goods

### 8.5.1 Overview

### 8.5.2 Consumer Goods: Europe Biodegradable Plastics Market – Revenue and Forecast to 2028 (US\$ Mn)

## 8.6 Others

### 8.6.1 Overview

### 8.6.2 Others: Europe Biodegradable Plastics Market – Revenue and Forecast to 2028 (US\$ Mn)

## **9. EUROPE BIODEGRADABLE PLASTICS MARKET – COUNTRY ANALYSIS**

### 9.1 Overview

#### 9.1.1 Europe: Biodegradable Plastics Market, by Key Country

##### 9.1.1.1 Germany: Biodegradable Plastics Market – Revenue and Forecast to 2028 (US\$ Million)

###### 9.1.1.1.1 Germany: Biodegradable Plastics Market, By Type

###### 9.1.1.1.2 Germany: Biodegradable Plastics Market, by End User

##### 9.1.1.2 France: Biodegradable Plastics Market – Revenue and Forecast to 2028 (US\$ Million)

###### 9.1.1.2.1 France: Biodegradable Plastics Market, By Type

###### 9.1.1.2.2 France: Biodegradable Plastics Market, by End User

##### 9.1.1.3 Italy: Biodegradable Plastics Market – Revenue and Forecast to 2028 (US\$ Million)

###### 9.1.1.3.1 Italy: Biodegradable Plastics Market, By Type

###### 9.1.1.3.2 Italy: Biodegradable Plastics Market, by End User

##### 9.1.1.4 UK: Biodegradable Plastics Market – Revenue and Forecast to 2028 (US\$ Million)

###### 9.1.1.4.1 UK: Biodegradable Plastics Market, By Type

###### 9.1.1.4.2 UK: Biodegradable Plastics Market, by End User

##### 9.1.1.5 Russia: Biodegradable Plastics Market – Revenue and Forecast to 2028 (US\$ Million)

###### 9.1.1.5.1 Russia: Biodegradable Plastics Market, By Type

9.1.1.5.2 Russia: Biodegradable Plastics Market, by End User

9.1.1.6 Rest of Europe: Biodegradable Plastics Market – Revenue and Forecast to 2028  
(US\$ Million)

9.1.1.6.1 Rest of Europe: Biodegradable Plastics Market, By Type

9.1.1.6.2 Rest of Europe: Biodegradable Plastics Market, by End User

## **10. COMPANY PROFILES**

10.1 BASF SE

10.1.1 Key Facts

10.1.2 Business Description

10.1.3 Products and Services

10.1.4 Financial Overview

10.1.5 SWOT Analysis

10.1.6 Key Developments

10.2 FKuR Kunststoff GmbH

10.2.1 Key Facts

10.2.2 Business Description

10.2.3 Products and Services

10.2.4 Financial Overview

10.2.5 SWOT Analysis

10.2.6 Key Developments

10.3 Novamont SpA

10.3.1 Key Facts

10.3.2 Business Description

10.3.3 Products and Services

10.3.4 Financial Overview

10.3.5 SWOT Analysis

10.3.6 Key Developments

10.4 Mitsubishi Chemical Holdings Corp

10.4.1 Key Facts

10.4.2 Business Description

10.4.3 Products and Services

10.4.4 Financial Overview

10.4.5 SWOT Analysis

10.4.6 Key Developments

10.5 TotalEnergies Corbion BV

10.5.1 Key Facts

10.5.2 Business Description

- 10.5.3 Products and Services
- 10.5.4 Financial Overview
- 10.5.5 SWOT Analysis
- 10.5.6 Key Developments

## **11. APPENDIX**

- 11.1 About The Insight Partners
- 11.2 Glossary of Terms



## List Of Tables

### LIST OF TABLES

Table 1. Europe Biodegradable Plastics Market Revenue Forecast to 2028 (US\$ Mn)

Table 2. Germany Biodegradable Plastics Market, By Type – Revenue and Forecast to 2028 (US\$ Million)

Table 3. Germany Biodegradable Plastics Market, by End User – Revenue and Forecast to 2028 (US\$ Million)

Table 4. France Biodegradable Plastics Market, By Type – Revenue and Forecast to 2028 (US\$ Million)

Table 5. France Biodegradable Plastics Market, by End User – Revenue and Forecast to 2028 (US\$ Million)

Table 6. Italy Biodegradable Plastics Market, By Type – Revenue and Forecast to 2028 (US\$ Million)

Table 7. Italy Biodegradable Plastics Market, by End User – Revenue and Forecast to 2028 (US\$ Million)

Table 8. UK Biodegradable Plastics Market, By Type – Revenue and Forecast to 2028 (US\$ Million)

Table 9. UK Biodegradable Plastics Market, by End User – Revenue and Forecast to 2028 (US\$ Million)

Table 10. Russia Biodegradable Plastics Market, By Type – Revenue and Forecast to 2028 (US\$ Million)

Table 11. Russia Biodegradable Plastics Market, by End User – Revenue and Forecast to 2028 (US\$ Million)

Table 12. Rest of Europe Biodegradable Plastics Market, By Type – Revenue and Forecast to 2028 (US\$ Million)

Table 13. Rest of Europe Biodegradable Plastics Market, by End User – Revenue and Forecast to 2028 (US\$ Million)

Table 14. Glossary of Terms, Europe Biodegradable Plastics Market

## List Of Figures

### LIST OF FIGURES

- Figure 1. Europe Biodegradable Plastics Market Segmentation
- Figure 2. Europe Biodegradable Plastics Market Segmentation – By Country
- Figure 3. Europe Biodegradable Plastics Market Overview
- Figure 4. Packaging and bags segment holds the largest share
- Figure 5. Rest of Europe Held Largest Share of Biodegradable Plastics Market in 2021
- Figure 6. Porter's Five Forces Analysis
- Figure 7. Expert Opinion
- Figure 8. Europe Biodegradable Plastics Market: Impact Analysis of Drivers and Restraints
- Figure 9. Europe Biodegradable Plastics Market Forecast and Analysis, 2020–2028 (US\$ Mn)
- Figure 10. Europe Biodegradable Plastics Market Revenue Share, By Type (2021 and 2028)
- Figure 11. PLA: Europe Biodegradable Plastics Market – Revenue and Forecast To 2028 (US\$ Mn)
- Figure 12. PHA: Europe Biodegradable Plastics Market – Revenue and Forecast To 2028 (US\$ Mn)
- Figure 13. Starch Blends: Europe Biodegradable Plastics Market – Revenue and Forecast To 2028 (US\$ Mn)
- Figure 14. PBS: Europe Biodegradable Plastics Market – Revenue and Forecast To 2028 (US\$ Mn)
- Figure 15. PBAT: Europe Biodegradable Plastics Market – Revenue and Forecast To 2028 (US\$ Mn)
- Figure 16. Others: Europe Biodegradable Plastics Market – Revenue and Forecast To 2028 (US\$ Mn)
- Figure 17. Europe Biodegradable Plastics Market Revenue Share, By End User (2021 and 2028)
- Figure 18. Packaging and Bags: Europe Biodegradable Plastics Market – Revenue and Forecast To 2028 (US\$ Mn)
- Figure 19. Agriculture and Horticulture: Europe Biodegradable Plastics Market – Revenue and Forecast To 2028 (US\$ Mn)
- Figure 20. Consumer Goods: Europe Biodegradable Plastics Market – Revenue and Forecast To 2028 (US\$ Mn)
- Figure 21. Others: Europe Biodegradable Plastics Market – Revenue and Forecast To 2028 (US\$ Mn)

Figure 22. Europe: Biodegradable Plastics Market, by Key Country - Revenue (2021)  
(US\$ Million)

Figure 23. Europe: Biodegradable Plastics Market Revenue Share, by Key Country  
(2021 and 2028)

Figure 24. Germany: Biodegradable Plastics Market – Revenue and Forecast to 2028  
(US\$ Million)

Figure 25. France: Biodegradable Plastics Market – Revenue and Forecast to 2028  
(US\$ Million)

Figure 26. Italy: Biodegradable Plastics Market – Revenue and Forecast to 2028 (US\$  
Million)

Figure 27. UK: Biodegradable Plastics Market – Revenue and Forecast to 2028 (US\$  
Million)

Figure 28. Russia: Biodegradable Plastics Market – Revenue and Forecast to 2028  
(US\$ Million)

Figure 29. Rest of Europe: Biodegradable Plastics Market – Revenue and Forecast to  
2028 (US\$ Million)

## I would like to order

Product name: Europe Biodegradable Plastics Market Forecast to 2028 – COVID-19 Impact and Regional Analysis – by Type (PLA, PHA, Starch Blends, PBS, PBAT, and Others) and End User (Packaging and Bags, Agriculture and Horticulture, Consumer Goods, and Others)

Product link: <https://marketpublishers.com/r/E3FE2BA23362EN.html>

Price: US\$ 3,000.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/E3FE2BA23362EN.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