

# Biodegradable Plastics - Global Market Outlook (2017-2026)

<https://marketpublishers.com/r/BDC872FF832EN.html>

Date: July 2018

Pages: 194

Price: US\$ 4,150.00 (Single User License)

ID: BDC872FF832EN

## Abstracts

According to Statistics MRC, the Global Biodegradable Plastics Market is accounted for \$2.25 billion in 2017 and is expected to reach \$6.98 billion by 2026 growing at a CAGR of 13.4% from 2017 to 2026. The growing demand for biodegradable plastics is mainly attributed to increased environmental awareness. Biodegradable plastics are increasingly being used to manufacture packaging materials as consumers are showing preferences towards ecofriendly packaging are some of the factors fueling the market growth. However, factors such as high cost in process are restricting the market growth.

Biodegradable plastics are plastics that can be decomposed by the action of living organisms, usually bacteria. Two basic classes of biodegradable plastics exist: Bioplastics, whose components are derived from renewable raw materials, and plastics made from petrochemicals containing biodegradable additives which enhance biodegradation. 'Biodegradable' broadly means that an object can be biologically broken down, while 'compostable' typically specifies that such a process will result in compost, or humus. The waste management infrastructure currently recycles regular plastic waste, incinerates it, or places it in a landfill. Mixing biodegradable plastics into the regular waste infrastructure poses some dangers to the environment.

Amongst Type, Polylactic acid (PLA) segment accounted for significant market share during the forecast period due to demand from major packaging materials in industries such as food & beverages, textiles and tissue engineering. While, the starch-blend segment of type dominates the market during the forecast period. Europe is anticipated to be the largest market for biodegradable plastics due to rising packed food products along with increasing electronic and pharmaceutical industry and strict implementation of environmental regulations.

Some of the key players in Biodegradable Plastics Market include Amcor, BASF SE, Biome Technologies PLC, Bio-On SRL., Biopac, Corbion N.V., Meredian Inc., Metabolix Inc., Mitsubishi Chemical Corporation, NatureWorks LLC, Plantic Technologies Ltd. and Tianan Biologic Materials Co. Ltd.

#### Types Covered:

Biodegradable

Fossil Based

Poly-3-Hydroxybutyrate (PHB)

Regenerated Cellulose

Bio Based

Other Types

#### Feedstocks Covered:

Corn

Sugarcane and sugar beat

Wood

Other Feedstocks

#### Applications Covered:

Fibers

Injection Molding

Packaging

## Other Applications

### End Users Covered:

Electrical & Electronics

Agriculture & Horticulture

Building & Construction

Automotive

Textiles

Medical

Coatings

Pharmaceutical

Other End Users

### Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

#### Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

#### South America

Argentina

Brazil

Chile

Rest of South America

#### Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 PREFACE**

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
  - 2.4.1 Data Mining
  - 2.4.2 Data Analysis
  - 2.4.3 Data Validation
  - 2.4.4 Research Approach
- 2.5 Research Sources
  - 2.5.1 Primary Research Sources
  - 2.5.2 Secondary Research Sources
  - 2.5.3 Assumptions

### **3 MARKET TREND ANALYSIS**

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Application Analysis
- 3.7 End User Analysis
- 3.8 Emerging Markets
- 3.9 Futuristic Market Scenario

### **4 PORTERS FIVE FORCE ANALYSIS**

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

## **5 GLOBAL BIODEGRADABLE PLASTICS MARKET, BY TYPE**

- 5.1 Introduction
- 5.2 Biodegradable
  - 5.2.1 Polybutylene Succinate (PBS)
  - 5.2.2 Polybutyrate Adipate Terephthalate (PBAT)
  - 5.2.3 Polyhydroxyalkanoate (PHA)
  - 5.2.4 Polylactic acid (PLA)
  - 5.2.5 Starch Blends
  - 5.2.6 Other Biodegradables
- 5.3 Fossil Based
  - 5.3.1 Polycaprolactone (PCL)
- 5.4 Poly-3-Hydroxybutyrate (PHB)
- 5.5 Regenerated Cellulose
- 5.6 Bio Based
  - 5.6.1 Platelet-Rich Fibrin (PRF)
  - 5.6.2 Polyamides (PA)
  - 5.6.3 Polyethylene (PE)
  - 5.6.4 Polyethylene Terephthalate (PET)
  - 5.6.5 Polyurethane (PUR)
  - 5.6.6 Other Bio Based
- 5.7 Other Types

## **6 GLOBAL BIODEGRADABLE PLASTICS MARKET, BY FEEDSTOCK**

- 6.1 Introduction
- 6.2 Corn
- 6.3 Sugarcane and sugar beat
- 6.4 Wood
- 6.5 Other Feedstocks

## **7 GLOBAL BIODEGRADABLE PLASTICS MARKET, BY APPLICATION**

- 7.1 Introduction
- 7.2 Fibers
- 7.3 Injection Molding
- 7.4 Packaging
  - 7.4.1 Films
  - 7.4.2 Containers

- 7.4.4 Bags, Sachets & Nets
- 7.4.5 Trays and Punnets
- 7.4.6 Other Packaging
- 7.5 Other Applications

## **8 GLOBAL BIODEGRADABLE PLASTICS MARKET, BY END USER**

- 8.1 Introduction
- 8.2 Electrical & Electronics
  - 8.2.1 Electronic Devices
  - 8.2.2 Audio Devices
  - 8.2.3 Insulators
  - 8.2.4 Other Electrical & Electronics
- 8.3 Agriculture & Horticulture
- 8.4 Building & Construction
  - 8.4.1 Bio composites
  - 8.4.2 Insulation Materials
  - 8.4.3 Other Buildings & Constructions
- 8.5 Automotive
  - 8.5.1 Vehicle Components
  - 8.5.2 Interior
    - 8.5.2.1 Seats
    - 8.5.2.2 Head Rests or Arm Rests
  - 8.5.3 Exteriors Parts
  - 8.5.4 Wheel Parts
  - 8.5.5 Other Automotives
- 8.6 Textiles
  - 8.6.1 Woven
  - 8.6.2 Non – Woven
  - 8.6.3 Other Textiles
- 8.7 Medical
  - 8.7.1 Material for pills and capsules
  - 8.7.2 Tissue Engineering Materials
  - 8.7.3 Dentistry
  - 8.7.4 Implants
    - 8.7.4.1 Screws
    - 8.7.4.2 Pins or Plates
  - 8.7.5 Other Medicals
- 8.8 Coatings



8.9 Pharmaceutical

8.10 Other End Users

## **9 GLOBAL BIODEGRADABLE PLASTICS MARKET, BY GEOGRAPHY**

9.1 Introduction

9.2 North America

9.2.1 US

9.2.2 Canada

9.2.3 Mexico

9.3 Europe

9.3.1 Germany

9.3.2 UK

9.3.3 Italy

9.3.4 France

9.3.5 Spain

9.3.6 Rest of Europe

9.4 Asia Pacific

9.4.1 Japan

9.4.2 China

9.4.3 India

9.4.4 Australia

9.4.5 New Zealand

9.4.6 South Korea

9.4.7 Rest of Asia Pacific

9.5 South America

9.5.1 Argentina

9.5.2 Brazil

9.5.3 Chile

9.5.4 Rest of South America

9.6 Middle East & Africa

9.6.1 Saudi Arabia

9.6.2 UAE

9.6.3 Qatar

9.6.4 South Africa

9.6.5 Rest of Middle East & Africa

## **10 KEY DEVELOPMENTS**

- 10.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 10.2 Acquisitions & Mergers
- 10.3 New Product Launch
- 10.4 Expansions
- 10.5 Other Key Strategies

## **11 COMPANY PROFILING**

- 11.1 Amcor
- 11.2 BASF SE
- 11.3 Biome Technologies PLC
- 11.4 Bio-On SRL.
- 11.5 Biopac
- 11.6 Corbion N.V.
- 11.7 Meredian Inc.
- 11.8 Metabolix Inc.
- 11.9 Mitsubishi Chemical Corporation
- 11.10 NatureWorks LLC
- 11.12 Plantic Technologies Ltd.
- 11.13 Tianan Biologic Materials Co. Ltd.

## List Of Tables

### LIST OF TABLES

Table 1 Global Biodegradable Plastics Market Outlook, By Region (2016-2026) (US \$MN)

Table 2 Global Biodegradable Plastics Market Outlook, By Type (2016-2026) (US \$MN)

Table 3 Global Biodegradable Plastics Market Outlook, By Biodegradable (2016-2026) (US \$MN)

Table 4 Global Biodegradable Plastics Market Outlook, By Polybutylene Succinate (PBS) (2016-2026) (US \$MN)

Table 5 Global Biodegradable Plastics Market Outlook, By Polybutyrate Adipate Terephthalate (PBAT) (2016-2026) (US \$MN)

Table 6 Global Biodegradable Plastics Market Outlook, By Polyhydroxyalkanoate (PHA) (2016-2026) (US \$MN)

Table 7 Global Biodegradable Plastics Market Outlook, By Polylactic acid (PLA) (2016-2026) (US \$MN)

Table 8 Global Biodegradable Plastics Market Outlook, By Starch Blends (2016-2026) (US \$MN)

Table 9 Global Biodegradable Plastics Market Outlook, By Other Biodegradables (2016-2026) (US \$MN)

Table 10 Global Biodegradable Plastics Market Outlook, By Fossil Based (2016-2026) (US \$MN)

Table 11 Global Biodegradable Plastics Market Outlook, By Polycaprolactone (PCL) (2016-2026) (US \$MN)

Table 12 Global Biodegradable Plastics Market Outlook, By Poly-3-Hydroxybutyrate (PHB) (2016-2026) (US \$MN)

Table 13 Global Biodegradable Plastics Market Outlook, By Regenerated Cellulose (2016-2026) (US \$MN)

Table 14 Global Biodegradable Plastics Market Outlook, By Bio Based (2016-2026) (US \$MN)

Table 15 Global Biodegradable Plastics Market Outlook, By Platelet-Rich Fibrin (PRF) (2016-2026) (US \$MN)

Table 16 Global Biodegradable Plastics Market Outlook, By Polyamides (PA) (2016-2026) (US \$MN)

Table 17 Global Biodegradable Plastics Market Outlook, By Polyethylene (PE) (2016-2026) (US \$MN)

Table 18 Global Biodegradable Plastics Market Outlook, By Polyethylene Terephthalate (PET) (2016-2026) (US \$MN)

Table 19 Global Biodegradable Plastics Market Outlook, By Polyurethane (PUR) (2016-2026) (US \$MN)

Table 20 Global Biodegradable Plastics Market Outlook, By Other Bio Based (2016-2026) (US \$MN)

Table 21 Global Biodegradable Plastics Market Outlook, By Other Types (2016-2026) (US \$MN)

Table 22 Global Biodegradable Plastics Market Outlook, By Feedstock (2016-2026) (US \$MN)

Table 23 Global Biodegradable Plastics Market Outlook, By Corn (2016-2026) (US \$MN)

Table 24 Global Biodegradable Plastics Market Outlook, By Sugarcane and sugar beat (2016-2026) (US \$MN)

Table 25 Global Biodegradable Plastics Market Outlook, By Wood (2016-2026) (US \$MN)

Table 26 Global Biodegradable Plastics Market Outlook, By Other Feedstocks (2016-2026) (US \$MN)

Table 27 Global Biodegradable Plastics Market Outlook, By Application (2016-2026) (US \$MN)

Table 28 Global Biodegradable Plastics Market Outlook, By Fibers (2016-2026) (US \$MN)

Table 29 Global Biodegradable Plastics Market Outlook, By Injection Molding (2016-2026) (US \$MN)

Table 30 Global Biodegradable Plastics Market Outlook, By Packaging (2016-2026) (US \$MN)

Table 31 Global Biodegradable Plastics Market Outlook, By Films (2016-2026) (US \$MN)

Table 32 Global Biodegradable Plastics Market Outlook, By Containers (2016-2026) (US \$MN)

Table 33 Global Biodegradable Plastics Market Outlook, By Bags, Sachets & Nets (2016-2026) (US \$MN)

Table 34 Global Biodegradable Plastics Market Outlook, By Trays and Punnets (2016-2026) (US \$MN)

Table 35 Global Biodegradable Plastics Market Outlook, By Other Packaging (2016-2026) (US \$MN)

Table 36 Global Biodegradable Plastics Market Outlook, By Other Applications (2016-2026) (US \$MN)

Table 37 Global Biodegradable Plastics Market Outlook, By End User (2016-2026) (US \$MN)

Table 38 Global Biodegradable Plastics Market Outlook, By Electrical & Electronics

(2016-2026) (US \$MN)

Table 39 Global Biodegradable Plastics Market Outlook, By Electronic Devices

(2016-2026) (US \$MN)

Table 40 Global Biodegradable Plastics Market Outlook, By Audio Devices (2016-2026)

(US \$MN)

Table 41 Global Biodegradable Plastics Market Outlook, By Insulators (2016-2026) (US \$MN)

Table 42 Global Biodegradable Plastics Market Outlook, By Other Electrical & Electronics (2016-2026) (US \$MN)

Table 43 Global Biodegradable Plastics Market Outlook, By Agriculture & Horticulture (2016-2026) (US \$MN)

Table 44 Global Biodegradable Plastics Market Outlook, By Building & Construction (2016-2026) (US \$MN)

Table 45 Global Biodegradable Plastics Market Outlook, By Bio composites (2016-2026) (US \$MN)

Table 46 Global Biodegradable Plastics Market Outlook, By Insulation Materials (2016-2026) (US \$MN)

Table 47 Global Biodegradable Plastics Market Outlook, By Other Buildings & Constructions (2016-2026) (US \$MN)

Table 48 Global Biodegradable Plastics Market Outlook, By Automotive (2016-2026) (US \$MN)

Table 49 Global Biodegradable Plastics Market Outlook, By Vehicle Components (2016-2026) (US \$MN)

Table 50 Global Biodegradable Plastics Market Outlook, By Interior (2016-2026) (US \$MN)

Table 51 Global Biodegradable Plastics Market Outlook, By Exteriors Parts (2016-2026) (US \$MN)

Table 52 Global Biodegradable Plastics Market Outlook, By Wheel Parts (2016-2026) (US \$MN)

Table 53 Global Biodegradable Plastics Market Outlook, By Other Automotives (2016-2026) (US \$MN)

Table 54 Global Biodegradable Plastics Market Outlook, By Textiles (2016-2026) (US \$MN)

Table 55 Global Biodegradable Plastics Market Outlook, By Woven (2016-2026) (US \$MN)

Table 56 Global Biodegradable Plastics Market Outlook, By Non – Woven (2016-2026) (US \$MN)

Table 57 Global Biodegradable Plastics Market Outlook, By Other Textiles (2016-2026) (US \$MN)

Table 58 Global Biodegradable Plastics Market Outlook, By Medical (2016-2026) (US \$MN)

Table 59 Global Biodegradable Plastics Market Outlook, By Material for pills and capsules (2016-2026) (US \$MN)

Table 60 Global Biodegradable Plastics Market Outlook, By Tissue Engineering Materials (2016-2026) (US \$MN)

Table 61 Global Biodegradable Plastics Market Outlook, By Dentistry (2016-2026) (US \$MN)

Table 62 Global Biodegradable Plastics Market Outlook, By Implants (2016-2026) (US \$MN)

Table 63 Global Biodegradable Plastics Market Outlook, By Other Medicals (2016-2026) (US \$MN)

Table 64 Global Biodegradable Plastics Market Outlook, By Coatings (2016-2026) (US \$MN)

Table 65 Global Biodegradable Plastics Market Outlook, By Pharmaceutical (2016-2026) (US \$MN)

Table 66 Global Biodegradable Plastics Market Outlook, By Other End Users (2016-2026) (US \$MN)

Note: Regional tables for North America, Europe, Asia Pacific, South America and Middle East & Africa are presented in similar manner as the above.

## I would like to order

Product name: Biodegradable Plastics - Global Market Outlook (2017-2026)

Product link: <https://marketpublishers.com/r/BDC872FF832EN.html>

Price: US\$ 4,150.00 (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/BDC872FF832EN.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