

Sustainable Plastic Packaging: Global Markets

Market Research Report | 2024-08-09 | 140 pages | BCC Research

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Report description:

Description

Report Scope:

This report analyzes the global sustainable plastic packaging market by segmenting it based on packaging type and end user. On the basis of packaging type, the market is further segmented into recycled packaging, reusable packaging and bioplastic packaging. Recycled packaging is additionally segmented into R-PET, R-PE, R-PP, R-PS and others (such as R-PVC, R-PLA, etc.). Bioplastic packaging is additionally segmented into biodegradable and non-biodegradable bioplastic. The sustainable plastic packaging market is segmented based on end user into the following segments: food and beverage, industrial and chemical, healthcare, personal and home care, and others.

These market segments are analyzed at the global and regional levels. The base year for this analysis is 2023, and market estimates and forecasts are given from 2024 through 2029. The market estimates are provided in terms of revenue (in millions of U.S. dollars).

Report Includes:

- 66 data tables and 42 additional tables
- An analysis of the current and future global markets for sustainable plastic packaging
- Analyses of global market trends, with market revenue data (sales figures) for 2023, estimates for 2024, forecast for 2025, and projected CAGRs through 2029
- Estimates of the market size and revenue forecasts for the sustainable plastic packaging market, with market share analysis by packaging type, end use application, and region
- Discussions of the market dynamics, opportunities and challenges, as well as emerging technologies

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- Overview of the sustainability trends and ESG developments in the industry, with emphasis on the ESG practices of leading companies, their ESG scores, and consumer attitudes
- Competitive intelligence, including companies' market shares, recent M&A activity and venture funding
- Profiles of the leading companies, including Amcor plc, Berry Global Group Inc., Constantia Flexibles, NatureWorks LLC., and Plastipak Holdings Inc.

Executive Summary

Summary:

Sustainable plastic packaging, which is crafted from materials that can be recycled or are biodegradable, provides an eco-friendly alternative to traditional plastics. Recyclable PET and recyclable HDPE are two examples of plastics that can be reprocessed into new products. Additionally, biodegradable materials like PLA, which is starch and cellulose-based, are designed to biodegrade in compost. These materials are versatile and used in various applications, from food containers to flexible packaging. Demand for these types of sustainable packaging is growing in industries such as fashion and healthcare, as they offer environmental benefits without compromising performance.

In the fashion industry, an estimated 150 billion plastic packaging bags are used annually, most of which end up in landfills. Switching to eco-friendly packaging in the food industry is also critical, since food packaging accounts for 40% of the 141 million tons of plastic waste produced annually (Tipa Ltd., 2024, What Is Sustainable Packaging?). Sustainable packaging tackles this major pollution source by prolonging the shelf life of perishable goods while aligning with consumer demands for environmentally responsible solutions. By moving away from conventional plastics, businesses can reduce their carbon footprint, decrease landfill waste and help create a healthier planet. Furthermore, compostable food packaging supports a circular economy, ensuring materials are reused for as long as possible before eventually decomposing into nutrient-rich soil.

Governments worldwide are encouraging the use of green packaging. Countries like Ireland, Italy and Japan offer tax exemptions for compostable packaging. Packaging with less than 30% recycled materials in the U.K. faces higher taxation. The U.K.'s Extended Producer Responsibility (EPR) schemes hold producers and retailers accountable for the end-of-life of their packaging, taxing hard-to-recycle plastics and exempting sustainable packaging.

These measures are part of a global agenda to promote sustainable packaging for a healthier planet. Sustainable plastic packaging is integral to the circular economy, as it uses raw materials efficiently and returns these materials to their origins. This approach minimizes the waste of resources like water and energy, supporting healthy globalization and the well-being of our planet.

Amcor plc., Berry Global Group Inc., Constantia Flexibles, NatureWorks LLC and Plastipak Holdings Inc. are some of the major sustainable plastic packaging producers. These companies are involved in R&D to produce eco-friendly and sustainable products. They also focus on expanding their product portfolio and strengthening the supply chain network to capture market share.

This report identifies four geographical regions for the sustainable plastic packaging market: North America, Europe, Asia-Pacific, and the Rest of the World (the Middle East and Africa, and Latin America). In 2023, Europe dominated the global sustainable plastic packaging market. The factors propelling the European market include the presence of several sustainable plastic packaging manufacturing companies in the region, and stringent regulations regarding the use of single-use plastic packaging.

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AMCOR PLC
BERRY GLOBAL INC.
CONSTANTIA FLEXIBLES
GEORG UTZ HOLDING AG
MONDI
NATUREWORKS LLC.
PLASTIPAK HOLDINGS INC.
SWAPBOX BV
TIPA LTD.
Company Profiles: Biopolymer Producers
3M
ARKEMA
BASF SE
BRASKEM
TOTALENERGIES CORBION

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