

Bioplastic Packaging Market to Reach \$44.2 Billion by 2034 as Brands Transition to Compostable Formats

Bioplastic packaging demand rises as food, pharma, and retail brands meet tough regulations and consumer sustainability goals.

HYDERABAD, TELENGANA, INDIA, July 21, 2025 /EINPresswire.com/ -- The [bioplastic packaging market](#) is set to experience robust growth, expanding from USD 15.3 billion in 2025 to USD 44.2 billion by 2034, at a CAGR of 12.5%, according to the latest USDAnalytics forecast. This rise is being driven by a convergence of tough global plastic regulations, brand-level sustainability mandates, and growing consumer demand for biodegradable, compostable, and circular economy-aligned packaging solutions across food, pharma, and consumer sectors.

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Compostable bioplastic packaging is now a must-have for brands targeting the next generation of eco-conscious consumers."

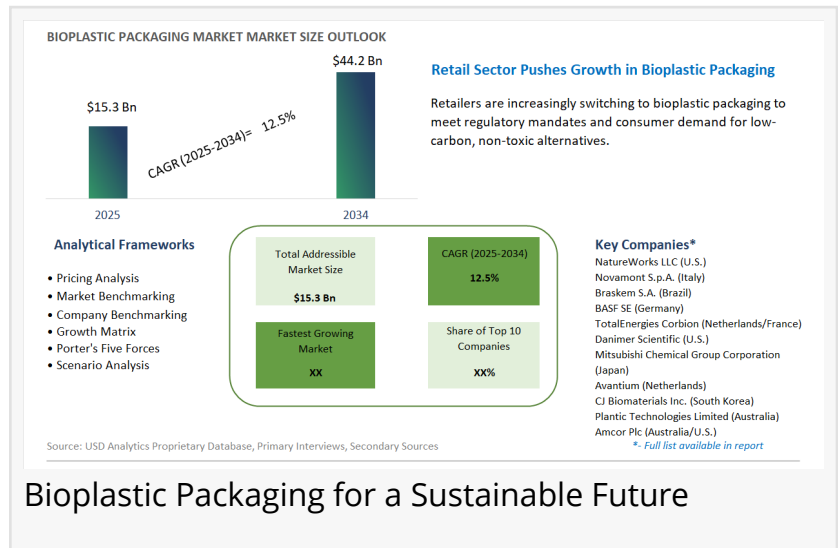
Harry, USDAnalytics

Regulatory Action and Market Shifts Transform Packaging Strategies

New policy frameworks such as the EU Packaging and Packaging Waste Regulation (PPWR) and plastic bans across Asia and North America are catalyzing a rapid market pivot toward bioplastic packaging. Companies are increasingly investing in compostable, recyclable, and bio-based plastics like PLA (Polylactic Acid), PHA

(Polyhydroxyalkanoates), and PBAT to comply with evolving regulations and meet consumer expectations for green packaging. Bio-PE and Bio-PET, due to their compatibility with existing recycling systems, are gaining ground in high-volume packaging lines.

PLA continues to dominate both rigid and flexible packaging due to its versatility and cost efficiency, while PHA, PBAT, and bio-based polyolefins are witnessing strong adoption in compostable films and high-barrier applications for food, pharmaceutical, and industrial



packaging. The shift is not limited to end products—companies are also investing in sustainable feedstocks like corn starch, cellulose, and waste-based sources to create fully circular supply chains.

Regional Overview: Innovation, Production, and Policy Drive Growth in Key Markets

- Asia Pacific (led by China): China continues to dominate bioplastic packaging production, leveraging massive scale, government mandates, and supply chain consolidation.
- Europe (led by Germany, Austria, and the Netherlands): Innovation and regulatory enforcement drive adoption. Countries like Germany lead in material science and composting standards, while Austria and the Netherlands are emerging as centers for flexible bioplastic innovation.
- North America (led by the U.S.): The United States is accelerating adoption through strong investment in biodegradable films, retail packaging transformation, and increased regulatory support for compostable food and pharma packaging.

Together, these regions account for the majority of global market share and are shaping the policy, investment, and innovation trajectories of bioplastic packaging.

Geographically, the detailed analysis of market share, and growth rate of the following regions:

- North America (US, Canada, Mexico)
- Europe (Germany, UK, France, Spain, Italy, Russia, Rest of Europe)
- Asia Pacific (China, India, Japan, South Korea, Australia, South East Asia, Rest of Asia)
- South America (Brazil, Argentina, Rest of South America)
- Middle East and Africa (Saudi Arabia, UAE, Rest of Middle East, South Africa, Egypt, Rest of Africa)

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Competitive Landscape: Industry Leaders and Packaging Giants Define the Future

Global bioplastic leaders and packaging multinationals are actively redefining the value chain. NatureWorks LLC (U.S.), a leader in PLA, continues to scale global operations and supply chain partnerships. Novamont S.p.A. (Italy) and BASF SE (Germany) are investing heavily in compostable film technologies and compost infrastructure integration. Braskem S.A. (Brazil) leads the Bio-PE space, while TotalEnergies Corbion focuses on industrial compostability for PLA-based packaging.

Meanwhile, packaging powerhouses like Amcor Plc, Mondi Group, Sealed Air Corporation, and Huhtamaki Oyj are integrating biodegradable and recyclable films into food, beverage, and pharmaceutical applications. Crown Holdings Inc., Tetra Pak, and International Paper are pioneering the shift to fiber-bioplastic hybrids, offering packaging solutions that combine renewable materials with functional barrier coatings for performance and sustainability.

Key Companies in the Bioplastic Packaging Market:

- NatureWorks LLC (U.S.)
- Novamont S.p.A. (Italy)
- Braskem S.A. (Brazil)
- BASF SE (Germany)

- TotalEnergies Corbion (Netherlands/France)
- Danimer Scientific (U.S.)
- Mitsubishi Chemical Group Corporation (Japan)
- Avantium (Netherlands)
- CJ Biomaterials Inc. (South Korea)
- Plantic Technologies Limited (Australia)
- Amcor Plc (Australia/U.S.)
- Mondi Group (Austria/UK)
- Sealed Air Corporation (U.S.)
- Alpla Group (Austria)
- Constantia Flexibles (Austria)
- Huhtamaki Oyj (Finland)
- Tetra Pak (Switzerland)
- Crown Holdings Inc. (U.S.)
- International Paper (U.S.)
- Others

Market Segmentation Highlights:

- By Plastic Type:
 - o Biodegradable Plastics: PLA, PHA, PBAT, PBS & PBSA, TPS, PCL, Cellulose-based Films
 - o Non-Biodegradable Plastics: Bio-PE, Bio-PET, Bio-PP, PEF, Bio-PA

- By Packaging Type:

Flexible Packaging, Rigid Packaging

- By End-Use Industry:

Food & Beverages, Consumer Goods, Industrial Packaging, Pharmaceutical Packaging, Others

Food and beverage packaging leads market share, while consumer goods, pharmaceuticals, and industrial sectors are rapidly expanding adoption of sustainable bioplastic packaging for both regulatory compliance and brand-driven ESG objectives.

Access the Complete report with in-depth data and forecasts: [Bioplastic Packaging Market, 2025-2034](#)

As industries worldwide race to meet climate targets and plastic reduction goals, bioplastic packaging is no longer an alternative—it's becoming the standard. With regulatory momentum, scalable technologies, and rising consumer pressure, the next decade will mark a permanent transition to sustainable, circular packaging systems powered by bioplastics.

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