

Recycled Ocean Plastic Packaging Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

https://marketpublishers.com/r/R6777ACFA5B5EN.html

Date: April 2025 Pages: 168 Price: US\$ 4,850.00 (Single User License) ID: R6777ACFA5B5EN

Abstracts

The Global Recycled Ocean Plastic Packaging Market was valued at USD 646.8 million in 2024 and is estimated to grow at a CAGR of 11.8% to reach USD 1.93 billion by 2034, fueled by the mounting accumulation of plastic waste in oceans, stricter sustainability regulations, and increased corporate collaboration in adopting eco-friendly packaging solutions. With plastic waste increasingly threatening marine ecosystems, industries across the board are actively transitioning to more sustainable alternatives. This shift is especially noticeable in the packaging sector, where ocean-derived recycled plastics are becoming the material of choice. Brands are not only adopting green packaging to comply with regulations but also to align with evolving consumer preferences that favor environmentally responsible practices.

Global awareness of marine pollution continues to grow, as approximately 8 to 10 million metric tons of plastic waste enter the oceans every year, accounting for nearly 80% of all marine pollution. In response, governments, private companies, and environmental organizations are working together to reduce plastic leakage and accelerate the use of recycled ocean plastics in packaging. This growing collaboration is a key driver behind the increasing integration of ocean plastics in mainstream packaging applications. Leading manufacturers are enhancing their sustainability initiatives by embedding recycled content into everyday products, in turn improving brand perception while meeting stricter environmental, social, and governance (ESG) targets. The rising need for traceability, product lifecycle transparency, and carbon footprint reduction further reinforces this trend.

Industries such as food and beverage, personal care, cosmetics, and fast-moving consumer goods (FMCG) are showing strong demand for ocean plastic-based



packaging. These sectors are under mounting pressure to respond to environmental concerns while still offering quality, safety, and convenience. Consumers are increasingly aware of the environmental impact of their purchases, and companies are acting fast to integrate recycled materials into their packaging lines. The use of ocean plastics has become a direct reflection of a brand's commitment to sustainability, and this alignment with consumer values is helping to drive product sales and customer loyalty.

The plastics industry is evolving to meet this demand by incorporating ocean-sourced materials into production lines. This shift requires investment in material recovery and processing innovations to ensure recycled ocean plastics meet industry quality standards. As recyclability and performance remain top priorities, companies are relying on advanced sorting, washing, and compounding technologies to maintain product integrity.

The recycled ocean plastic packaging market is segmented by material type, including High-Density Polyethylene (HDPE), Polypropylene (PP), Low-Density Polyethylene (LDPE), Polyethylene Terephthalate (PET), Polystyrene (PS), and Polyvinyl Chloride (PVC). Among these, PET stands out as the largest segment, with a valuation of USD 237.8 million in 2024. Its strong presence in the food and beverage sector stems from its durability, recyclability, and compatibility with existing manufacturing processes. PET's ability to retain structural integrity, withstand temperature fluctuations, and comply with global safety standards gives it a competitive edge. It's also easier to collect, clean, and convert into high-quality recycled resin, making it the go-to material for eco-conscious brands.

By product type, bottles continue to dominate the market, accounting for a 47% share in 2024. This growth reflects consumer and regulatory shifts away from single-use plastic and toward sustainable solutions. Bottled water and beverage companies are particularly proactive, incorporating recycled ocean plastics to appeal to eco-conscious buyers and meet rising environmental expectations. With regulatory bodies introducing stricter bans and restrictions on virgin plastic use, the demand for recycled alternatives in bottle production is only expected to rise.

In the United States, the recycled ocean plastic packaging market reached USD 107.7 million in 2024, signaling the country's increasing commitment to environmental responsibility. Growing awareness of marine plastic pollution, backed by robust legislative actions, is pushing more companies to include recycled ocean plastics in their sustainability roadmaps. Policies such as Extended Producer Responsibility (EPR)



laws are further incentivizing the use of recycled materials by holding producers accountable for the lifecycle of their packaging. These initiatives are not only driving innovation in recycled materials but are also enhancing their affordability and accessibility across multiple sectors.

Key players shaping this market include UPM Raflatac, Prevented Ocean Plastic, Oceanworks, Envision Plastics, and Ocean Waste Plastic (Pack Tech A/S). These companies are investing in cutting-edge recycling technologies to improve material quality and performance. They are also forming strategic partnerships with environmental groups to ensure efficient collection, sorting, and reprocessing of oceanbound plastics. Transparency has become a major focus as companies seek to verify and communicate the origins and sustainability of their materials. This open approach resonates with conscious consumers and helps brands meet both compliance obligations and reputation goals in the competitive global market.



Contents

CHAPTER 1 METHODOLOGY & SCOPE

- 1.1 Market scope & definitions
- 1.2 Base estimates & calculations
- 1.3 Forecast calculations
- 1.4 Data sources
- 1.4.1 Primary
- 1.4.2 Secondary
- 1.4.2.1 Paid sources
- 1.4.2.2 Public sources

CHAPTER 2 EXECUTIVE SUMMARY

2.1 Industry synopsis, 2021-2034

CHAPTER 3 INDUSTRY INSIGHTS

- 3.1 Industry ecosystem analysis
 - 3.1.1 Factor affecting the value chain
 - 3.1.2 Profit margin analysis
 - 3.1.3 Disruptions
 - 3.1.4 Future outlook
 - 3.1.5 Manufacturers
 - 3.1.6 Distributors
- 3.2 Trump administration tariffs
 - 3.2.1 Impact on trade
 - 3.2.1.1 Trade volume disruptions
 - 3.2.1.2 Retaliatory measures
 - 3.2.2 Impact on the industry
 - 3.2.2.1 Supply-side impact (raw materials)
 - 3.2.2.1.1 Price volatility in key materials
 - 3.2.2.1.2 Supply chain restructuring
 - 3.2.2.1.3 Production cost implications
 - 3.2.2.2 Demand-side impact (selling price)
 - 3.2.2.2.1 Price transmission to end markets
 - 3.2.2.2.2 Market share dynamics
 - 3.2.2.3 Consumer response patterns



- 3.2.3 Key companies impacted
- 3.2.4 Strategic industry responses
- 3.2.4.1 Supply chain reconfiguration
- 3.2.4.2 Pricing and product strategies
- 3.2.4.3 Policy engagement
- 3.2.5 Outlook and future considerations
- 3.3 Supplier landscape
- 3.4 Profit margin analysis
- 3.5 Key news & initiatives
- 3.6 Regulatory landscape
- 3.7 Impact forces
- 3.7.1 Growth drivers
 - 3.7.1.1 Surge in plastic waste in oceans
 - 3.7.1.2 Rising circular economy initiatives
 - 3.7.1.3 Growing advancements in recycling technologies
 - 3.7.1.4 Increasing collaborations in recycled packaging initiatives
 - 3.7.1.5 Growing investments in waste collection infrastructure
- 3.7.2 Industry pitfalls & challenges
 - 3.7.2.1 Weak waste collection infrastructure in developing regions
 - 3.7.2.2 Competition from virgin plastic
- 3.8 Growth potential analysis
- 3.9 Porter's analysis
- 3.10 PESTEL analysis

CHAPTER 4 COMPETITIVE LANDSCAPE, 2024

- 4.1 Introduction
- 4.2 Company market share analysis
- 4.3 Competitive positioning matrix
- 4.4 Strategic outlook matrix

CHAPTER 5 MARKET ESTIMATES & FORECAST, BY MATERIAL TYPE, 2021-2034 (USD MILLION & KILOTONS)

- 5.1 Key trends
- 5.2 High-density Polyethylene (HDPE)
- 5.3 Low-density Polyethylene (LDPE)
- 5.4 Polypropylene (PP)
- 5.5 Polyethylene Terephthalate (PET)

Recycled Ocean Plastic Packaging Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 20...



5.6 Polystyrene (PS)5.7 Polyvinyl chloride (PVC)5.8 Others

CHAPTER 6 MARKET ESTIMATES & FORECAST, BY END USE PRODUCT, 2021-2034 (USD MILLION & KILOTONS)

6.1 Key trends6.2 Bottles6.3 Bags & Pouches6.4 Tubes6.5 Others

CHAPTER 7 MARKET ESTIMATES & FORECAST, BY END USE INDUSTRY, 2021-2034 (USD MILLION & KILOTONS)

- 7.1 Key trends
- 7.2 Food & Beverage
- 7.3 Personal Care & Cosmetics
- 7.4 Healthcare
- 7.5 Household products
- 7.6 E-commerce & Retail
- 7.7 Others

CHAPTER 8 MARKET ESTIMATES & FORECAST, BY REGION, 2021-2034 (USD MILLION & KILOTONS)

8.1 Key trends

- 8.2 North America
- 8.2.1 U.S.
- 8.2.2 Canada
- 8.3 Europe
 - 8.3.1 UK
 - 8.3.2 Germany
 - 8.3.3 France
 - 8.3.4 Italy
 - 8.3.5 Spain
 - 8.3.6 Russia
- 8.4 Asia Pacific



8.4.1 China
8.4.2 India
8.4.3 Japan
8.4.4 South Korea
8.4.5 ANZ
8.5 Latin America
8.5.1 Brazil
8.5.2 Mexico
8.6 MEA
8.6.1 South Africa
8.6.2 Saudi Arabia
8.6.3 UAE

CHAPTER 9 COMPANY PROFILES

9.1 Better Packaging Co.

- 9.2 Big Sky Packaging
- 9.3 Envision Plastics
- 9.4 Graham Packaging Company
- 9.5 Kl?ckner Pentaplast Group
- 9.6 Ocean Waste Plastic (Pack Tech A/S)
- 9.7 Oceanworks
- 9.8 Oceos Packaging
- 9.9 Prevented Ocean Plastic

9.10 RSP Inc.

- 9.11 Sana Packaging
- 9.12 SeaCliff Beauty
- 9.13 Spectra Packaging Solutions
- 9.14 The Ocean Package
- 9.15 Tide Ocean SA
- 9.16 UPM Raflatac



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