

# Global Bio-Based Foam Market Size Study & Forecast, by Raw Material, Type, End-Use Industry, and Regional Forecasts 2025–2035

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## Abstracts

The Global Bio-Based Foam Market is valued at approximately USD 0.94 billion in 2024 and is projected to grow at an impressive compound annual growth rate (CAGR) of 23.10% over the forecast period 2025–2035. In the pursuit of sustainability and circular innovation, bio-based foams have emerged as a powerful alternative to petroleum-derived materials, carving out a promising trajectory across industries seeking environmental compliance and ecological efficiency. These foams, primarily produced from renewable resources like corn, sugarcane, and soy, are gaining traction for their low carbon footprint, superior insulation properties, and biodegradability, driving their proliferation across packaging, construction, and automotive applications.

With governments and corporations doubling down on eco-friendly practices and green product portfolios, the adoption of bio-based foams is witnessing exponential momentum. The packaging sector, for instance, is experiencing a paradigm shift fueled by increasing regulatory pressure against single-use plastics. This has encouraged key manufacturers to recalibrate their material strategies, integrating bio-based polyurethane and polylactic acid (PLA) foams to meet stringent environmental mandates without compromising performance. Moreover, the growing demand for lightweight and energy-efficient components in automotive and aerospace industries further bolsters the market potential of these sustainable foams.

Regionally, North America dominates the global bio-based foam market, backed by a robust policy landscape promoting bio-economy, coupled with substantial R&D investments in renewable materials. The United States remains a pivotal contributor, owing to its advanced infrastructure and strong corporate commitments toward decarbonization. Meanwhile, Europe is at the forefront of regulatory advocacy,

especially with its Green Deal initiatives pushing for circular economy models, thereby amplifying the demand for bio-based insulation and cushioning materials. The Asia Pacific region, led by China and India, is poised to register the fastest growth, buoyed by escalating industrialization, government incentives for bio-based innovations, and heightened environmental awareness among consumers. Latin America and the Middle East & Africa are gradually integrating bio-foams into packaging and consumer goods as sustainability narratives gain ground.

Major market players included in this report are:

BASF SE

Covestro AG

Woodbridge Foam Corporation

Cargill Incorporated

Recticel NV/SA

Huntsman Corporation

Foampartner Group

Dow Inc.

JSP Corporation

FXI Holdings Inc.

Mitsui Chemicals Inc.

Rogers Corporation

Arkema S.A.

Evonik Industries AG

Vita Group

## Global Bio-Based Foam Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025–2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players.

The detailed segments and sub-segments of the market are explained below:

### By Raw Material:

Corn

Sugarcane

Soy

**By Type:**

Rigid Foam

Flexible Foam

**By End-Use Industry:**

Building &amp; Construction

Packaging

Automotive

Furniture &amp; Bedding

Footwear, Sports &amp; Recreational

**By Region:****North America**

U.S.

Canada

**Europe**

UK

Germany

France

Spain

Italy

Rest of Europe

#### Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

#### Latin America

Brazil

Mexico

#### Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

## Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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