

Bio-Based Building Materials Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 – 2032

<https://marketpublishers.com/r/BD6A190921A5EN.html>

Date: December 2024

Pages: 220

Price: US\$ 4,850.00 (Single User License)

ID: BD6A190921A5EN

Abstracts

The Global Bio-Based Building Materials Market reached USD 24.2 billion in 2023 and is projected to grow at an impressive CAGR of 19% from 2024 to 2032. This growth is fueled by increasing sustainability initiatives and the rising demand for eco-friendly construction materials. Bio-based materials have become highly sought after due to their renewable nature, low carbon footprint, and ability to enhance indoor air quality, making them a cornerstone of modern, sustainable building practices.

By material type, the market is segmented into natural fibers, wood-based products, agro-waste-based products, bio-polymers, bio-insulation materials, bio-concrete, and others. Among these, wood-based products led the market with a valuation of USD 8.2 billion in 2023, and they are expected to grow at a CAGR of 19.5% from 2024 to 2032. Wood's sustainability, renewability, and biodegradability make it a standout choice over traditional materials. Its versatility, strength, and reduced environmental impact position it as a go-to option for both structural and aesthetic applications in construction and infrastructure projects.

The market is categorized into residential, commercial, industrial, and infrastructure sectors based on end-use. The residential segment dominated in 2023, capturing 37% of the market share, and is projected to grow at a CAGR of 19.3% through 2032. Homeowners are increasingly prioritizing materials that improve indoor air quality and minimize environmental impact. Bio-based alternatives, free from harmful chemicals and emissions, align with the growing demand for sustainable, healthier living spaces, driving their adoption in the residential sector.

The U.S. bio-based building materials market generated USD 5.1 billion in 2023 and is

set to expand at a CAGR of 19.2% from 2024 to 2032. Growth in the U.S. is primarily driven by government incentives, tax benefits, and certification programs promoting green construction practices. Policies focused on sustainable infrastructure and energy-efficient buildings have further accelerated the adoption of bio-based materials, solidifying the U.S. as a global leader in this 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, 2021-2032

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 Supplier landscape
- 3.3 Profit margin analysis
- 3.4 Key news & initiatives
- 3.5 Regulatory landscape
- 3.6 Impact forces
 - 3.6.1 Growth drivers
 - 3.6.1.1 Increasing demand for sustainable construction
 - 3.6.1.2 Technological advancements
 - 3.6.2 Industry pitfalls & challenges
 - 3.6.2.1 Higher initial costs
- 3.7 Growth potential analysis
- 3.8 Porter's analysis
- 3.9 PESTEL analysis

CHAPTER 4 COMPETITIVE LANDSCAPE, 2023

- 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, 2021-2032 (USD BILLION)

- 5.1 Key trends
- 5.2 Natural fibers
- 5.3 Wood-based products
- 5.4 Agro-waste-based products
- 5.5 Bio-polymers
- 5.6 Bio-insulation materials
- 5.7 Bio-concrete
- 5.8 Others (bio-adhesives and binders, Etc)

CHAPTER 6 MARKET ESTIMATES & FORECAST, BY CONSTRUCTION TYPE, 2021-2032 (USD BILLION)

- 6.1 Key trends
- 6.2 New construction
- 6.3 Renovation and retrofit

CHAPTER 7 MARKET ESTIMATES & FORECAST, BY APPLICATION, 2021-2032 (USD BILLION)

- 7.1 Key trends
- 7.2 Structural components
- 7.3 Insulation
- 7.4 Flooring
- 7.5 Wall panels and cladding
- 7.6 Roofing
- 7.7 Others (decorative materials, Etc)

CHAPTER 8 MARKET ESTIMATES & FORECAST, BY END USE, 2021-2032 (USD

BILLION)

- 8.1 Key trends
- 8.2 Residential
- 8.3 Commercial
- 8.4 Industrial
- 8.5 Infrastructure

CHAPTER 9 MARKET ESTIMATES & FORECAST, BY DISTRIBUTION CHANNEL, 2021-2032 (USD BILLION)

- 9.1 Key trends
- 9.2 Direct
- 9.3 Indirect

CHAPTER 10 MARKET ESTIMATES & FORECAST, BY REGION, 2021-2032 (USD BILLION)

- 10.1 Key trends
- 10.2 North America
 - 10.2.1 U.S.
 - 10.2.2 Canada
- 10.3 Europe
 - 10.3.1 UK
 - 10.3.2 Germany
 - 10.3.3 France
 - 10.3.4 Italy
 - 10.3.5 Spain
 - 10.3.6 Russia
- 10.4 Asia Pacific
 - 10.4.1 China
 - 10.4.2 India
 - 10.4.3 Japan
 - 10.4.4 South Korea
 - 10.4.5 Australia
- 10.5 Latin America
 - 10.5.1 Brazil
 - 10.5.2 Mexico
- 10.6 MEA

10.6.1 UAE

10.6.2 Saudi Arabia

10.6.3 South Africa

CHAPTER 11 COMPANY PROFILES

11.1 BASF SE

11.2 Clayworks Ltd.

11.3 Cork House

11.4 Durisol

11.5 EcoCocon

11.6 ECOR Global

11.7 Forbo Flooring Systems

11.8 Green Building Supply

11.9 Hempitecture Inc.

11.10 Interface, Inc.

11.11 Kirei

11.12 MycoWorks

11.13 NatureWorks LLC

11.14 Novamont S.p.A.

11.15 Plantd

I would like to order

Product name: Bio-Based Building Materials Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 – 2032

Product link: <https://marketpublishers.com/r/BD6A190921A5EN.html>

Price: US\$ 4,850.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/BD6A190921A5EN.html>