

Wood Pellets Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

<https://marketpublishers.com/r/W7EBB617BBF5EN.html>

Date: November 2024

Pages: 220

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

ID: W7EBB617BBF5EN

Abstracts

The Global Wood Pellets Market, valued at USD 13.6 billion in 2024, is projected to expand at a CAGR of 16.4% between 2025 and 2034. This rapid growth is fueled by the increasing global shift toward renewable energy sources, driven by concerns over climate change, evolving energy policies, and growing market liberalization. The push for cleaner, more sustainable energy solutions encourages both consumers and industries to adopt bio-based alternatives like wood pellets.

Government initiatives in developed regions, particularly in Europe, significantly contribute to this trend. Authorities are actively investing in research and development to mitigate air pollution and its impact on public health. Meanwhile, private sector involvement in renewable energy research is on the rise, leading to an uptick in public-private collaborations aimed at accelerating the global deployment of sustainable energy technologies. These efforts are expected to boost the demand for wood pellets over the next decade.

Technological advancements in the sector are also playing a crucial role in shaping market dynamics. Innovations focused on enhancing the energy density and quality of wood pellets are helping to minimize greenhouse gas (GHG) emissions, particularly during transportation. Emerging technologies like torrefaction, which improves the energy content and combustion properties of biomass, are anticipated to further optimize wood pellet performance, making them a more attractive option for large-scale energy applications.

The market is segmented by grade into premium, utility, and standard categories. The utility-grade segment is expected to grow at a CAGR exceeding 18% through 2034, largely due to its increasing use in industrial applications across key regions in Europe

and Asia Pacific. Despite its benefits, the utility-grade pellets contain a higher ash content, making them less suitable for residential heating solutions.

In terms of application, the industry is divided into residential, commercial, industrial, and animal bedding sectors. The industrial segment is set to dominate, with revenue surpassing USD 16.5 billion by 2034. This growth is largely driven by the rising adoption of wood pellets in utility and combined heat and power (CHP) plants as more facilities transition from coal to biomass.

Europe is expected to lead the global wood pellets market, with a projected CAGR of 13.9% from 2025 to 2034. Increasing energy demands across Western Europe, particularly in countries like Germany and Spain, are driving regional growth and solidifying Europe's position as a key player in the global market.

Contents

Report Content

CHAPTER 1 METHODOLOGY & SCOPE

- 1.1 Market scope & definition
- 1.2 Base estimates & calculations
- 1.3 Forecast calculation
- 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 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 Rising demand for renewable energy in major European countries
 - 3.6.1.2 Policy changes in Canada related to coal-fired plants
 - 3.6.1.3 Superior product characteristics compared to fossil fuels
 - 3.6.1.4 Increasing energy demand in Asia Pacific
 - 3.6.1.5 Ongoing trends related to outdoor kitchens in developed nations

- 3.6.2 Industry pitfalls & challenges
 - 3.6.2.1 Implementing sustainable standards
 - 3.6.2.2 Trade challenges in emerging economies
 - 3.6.2.3 Lack of awareness related to product in developing nation
- 3.7 Growth potential analysis
- 3.8 Porter's analysis
- 3.9 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 SIZE AND FORECAST, BY GRADE, 2021-2034 (USD BILLION) (KILO TONS)

- 5.1 Key trends
- 5.2 Premium
- 5.3 Standard
- 5.4 Utility

CHAPTER 6 MARKET SIZE AND FORECAST, BY APPLICATION, 2021-2034 (USD BILLION) (KILO TONS)

- 6.1 Key trends
- 6.2 Residential
- 6.3 Commercial
- 6.4 Industrial
- 6.5 Animal-bedding

CHAPTER 7 MARKET SIZE AND FORECAST, BY REGION, 2021-2034 (USD BILLION) (KILO TONS)

- 7.1 Key trends
- 7.2 North America
 - 7.2.1 U.S.
 - 7.2.2 Canada

7.3 Europe

7.3.1 UK

7.3.2 Germany

7.3.3 France

7.3.4 Italy

7.3.5 Spain

7.3.6 Russia

7.4 Asia Pacific

7.4.1 China

7.4.2 India

7.4.3 Japan

7.4.4 South Korea

7.4.5 Australia

7.5 Latin America

7.5.1 Brazil

7.5.2 Mexico

7.6 MEA

7.6.1 South Africa

7.6.2 Saudi Arabia

7.6.3 UAE

CHAPTER 8 COMPANY PROFILES

8.1 AS Graanul Invest

8.2 Ecochipp

8.3 Ecowood Pellets

8.4 Enviva Partners

8.5 Land Energy

8.6 Lignetics

8.7 LP

8.8 Mallard Creek

8.9 Pacific BioEnergy

8.10 The Westervelt Company

I would like to order

Product name: Wood Pellets Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

Product link: <https://marketpublishers.com/r/W7EBB617BBF5EN.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/W7EBB617BBF5EN.html>