

Global Biomass Briquette Fuel Market Size Study, by Raw Material (Saw Dust, Wood, Rice Husk, Groundnut Shells, Bagasse, Others), by Application (Brick Kilns, Dyeing Plants, Oil Extraction Units, Cooking and Baking, Others), by End-Use Industry (FMCG and Beverage, Pharmaceuticals, Cement Manufacturing, Power Generation, Leather, Rubber, Others) and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/G5FBE79EE188EN.html>

Date: September 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G5FBE79EE188EN

Abstracts

The global biomass briquette fuel market was valued at approximately USD 0.9 billion in 2023 and is projected to grow at a CAGR of around 7.1% over the forecast period of 2024 to 2032, reaching an estimated USD 1.8 billion by 2032. Biomass briquette fuel, derived from compressed organic materials such as agricultural residues, sawdust, and wood chips, serves as a sustainable and cost-effective alternative to conventional fossil fuels. The market's expansion is primarily driven by rising environmental concerns, the growing demand for renewable energy sources, and favorable government policies. Biomass briquettes play a pivotal role in reducing greenhouse gas emissions, aligning with global efforts to combat climate change. The carbon-neutral nature of these briquettes, coupled with their lower emission levels compared to coal and charcoal, is increasingly recognized by industries and households alike. Furthermore, the cost-effectiveness of biomass briquettes, stemming from the utilization of waste materials, enhances their appeal in cost-sensitive markets. Their higher calorific value and energy efficiency make them a viable option for various applications, including heating, cooking, and electricity generation in both residential and industrial settings. Also, supportive government policies, such as subsidies, tax incentives, and grants aimed at promoting renewable energy, further accelerate market growth. These incentives encourage

investment in biomass briquette production and infrastructure, thereby creating a favorable environment for market players. Additionally, the market is poised to benefit from opportunities in rural electrification and technological advancements that enhance briquette quality and production efficiency. Despite these positive factors, the market faces challenges related to logistics and supply chain management, particularly in the collection, transportation, and storage of raw materials. Addressing these challenges is crucial for the sustained growth of the biomass briquette fuel market.

Asia-Pacific is expected to hold a significant share of the global market, driven by factors such as cost-effectiveness, environmental benefits, and energy security. The region's abundant agricultural and forestry residues provide a rich source of raw materials for biomass briquette production, contributing to the reduction of air pollution and carbon emissions. Technological advancements and supportive government policies in Asia-Pacific further bolster market growth, making the region a key player in the global biomass briquette fuel industry. Whereas, the market in North America is anticipated to grow at the fastest rate over the forecast period 2024-2032

Major market players included in this report are:

Neerpati Biofuels Private Limited

Gattuwalla

Yashhraj Group of Companies

Ecoston

Energy Plus India

KKR Bio Fuels

Sree Amman Briquettes

Nirmala & Siddaganga Biofuel Industries

Vidhyut Power & Systems

Narsihma Agro Industries

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

By Raw Material:

- Saw Dust
- Wood
- Rice Husk
- Groundnut Shells
- Bagasse
- Others

By Application:

- Brick Kilns
- Dyeing Plants
- Oil Extraction Units

- Cooking and Baking

- Others

By End-Use Industry:

- FMCG and Beverage

- Pharmaceuticals

- Cement Manufacturing

- Power Generation

- Leather

- Rubber

- Others

By Region:

North America

- U.S.

- Canada

Europe

- UK

- Germany

- France

- Spain

- Italy

- ROE

Asia Pacific

- China

- India

- Japan

- Australia

- South Korea

- RoAPAC

Latin America

- Brazil

- Mexico

- RoLA

Middle East & Africa

- Saudi Arabia

- South Africa

- RoMEA

Years considered for the study are as follows:

- Historical year – 2022

- Base year – 2023

- Forecast period – 2024 to 2032

Key Takeaways:

- Market Estimates & Forecast for 10 years from 2022 to 2032.
- 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.

Contents

CHAPTER 1. GLOBAL BIOMASS BRIQUETTE FUEL MARKET EXECUTIVE SUMMARY

- 1.1. Global Biomass Briquette Fuel Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Raw Material
 - 1.3.2. By Application
 - 1.3.3. By End-Use Industry
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL BIOMASS BRIQUETTE FUEL MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL BIOMASS BRIQUETTE FUEL MARKET DYNAMICS

Global Biomass Briquette Fuel Market Size Study, by Raw Material (Saw Dust, Wood, Rice Husk, Groundnut Shells,...

3.1. Market Drivers

- 3.1.1. Environmental Concerns and Renewable Energy Demand
- 3.1.2. Cost-Effectiveness and Energy Efficiency
- 3.1.3. Supportive Government Policies and Incentives

3.2. Market Challenges

- 3.2.1. Logistical and Supply Chain Issues

3.3. Market Opportunities

- 3.3.1. Rural Electrification and Energy Access
- 3.3.2. Technological Advancements

CHAPTER 4. GLOBAL BIOMASS BRIQUETTE FUEL MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

4.3. Top investment opportunity

4.4. Top winning strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL BIOMASS BRIQUETTE FUEL MARKET SIZE & FORECASTS BY RAW MATERIAL 2022-2032

5.1. Segment Dashboard

5.2. Global Biomass Briquette Fuel Market: Raw Material Revenue Trend Analysis, 2022 & 2032 (USD Billion)

- 5.2.1. Saw Dust
- 5.2.2. Wood
- 5.2.3. Rice Husk
- 5.2.4. Groundnut Shells
- 5.2.5. Bagasse
- 5.2.6. Others

CHAPTER 6. GLOBAL BIOMASS BRIQUETTE FUEL MARKET SIZE & FORECASTS BY APPLICATION 2022-2032

6.1. Segment Dashboard

6.2. Global Biomass Briquette Fuel Market: Application Revenue Trend Analysis, 2022 & 2032 (USD Billion)

- 6.2.1. Brick Kilns
- 6.2.2. Dyeing Plants
- 6.2.3. Oil Extraction Units
- 6.2.4. Cooking and Baking
- 6.2.5. Others

CHAPTER 7. GLOBAL BIOMASS BRIQUETTE FUEL MARKET SIZE & FORECASTS BY END-USE INDUSTRY 2022-2032

7.1. Segment Dashboard

7.2. Global Biomass Briquette Fuel Market: End-Use Industry Revenue Trend Analysis, 2022 & 2032 (USD Billion)

- 7.2.1. FMCG and Beverage
- 7.2.2. Pharmaceuticals
- 7.2.3. Cement Manufacturing
- 7.2.4. Power Generation
- 7.2.5. Leather
- 7.2.6. Rubber
- 7.2.7. Others

CHAPTER 8. GLOBAL BIOMASS BRIQUETTE FUEL MARKET SIZE & FORECASTS BY REGION 2022-2032

8.1. North America Biomass Briquette Fuel Market

- 8.1.1. U.S. Biomass Briquette Fuel Market
 - 8.1.1.1. Raw Material breakdown size & forecasts, 2022-2032
 - 8.1.1.2. Application breakdown size & forecasts, 2022-2032
 - 8.1.1.3. End-Use Industry breakdown size & forecasts, 2022-2032
- 8.1.2. Canada Biomass Briquette Fuel Market
- 8.2. Europe Biomass Briquette Fuel Market
 - 8.2.1. U.K. Biomass Briquette Fuel Market
 - 8.2.2. Germany Biomass Briquette Fuel Market
 - 8.2.3. France Biomass Briquette Fuel Market
 - 8.2.4. Spain Biomass Briquette Fuel Market
 - 8.2.5. Italy Biomass Briquette Fuel Market
 - 8.2.6. Rest of Europe Biomass Briquette Fuel Market
- 8.3. Asia-Pacific Biomass Briquette Fuel Market
 - 8.3.1. China Biomass Briquette Fuel Market
 - 8.3.2. India Biomass Briquette Fuel Market
 - 8.3.3. Japan Biomass Briquette Fuel Market
 - 8.3.4. Australia Biomass Briquette Fuel Market
 - 8.3.5. South Korea Biomass Briquette Fuel Market
 - 8.3.6. Rest of Asia Pacific Biomass Briquette Fuel Market
- 8.4. Latin America Biomass Briquette Fuel Market
 - 8.4.1. Brazil Biomass Briquette Fuel Market
 - 8.4.2. Mexico Biomass Briquette Fuel Market
 - 8.4.3. Rest of Latin America Biomass Briquette Fuel Market
- 8.5. Middle East & Africa Biomass Briquette Fuel Market
 - 8.5.1. Saudi Arabia Biomass Briquette Fuel Market
 - 8.5.2. South Africa Biomass Briquette Fuel Market
 - 8.5.3. Rest of Middle East & Africa Biomass Briquette Fuel Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. Company
 - 9.1.2. Company
 - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
 - 9.3.1. Neerpati Biofuels Private Limited
 - 9.3.1.1. Key Information
 - 9.3.1.2. Overview

- 9.3.1.3. Financial (Subject to Data Availability)
- 9.3.1.4. Product Summary
- 9.3.1.5. Market Strategies
- 9.3.2. Gattuwalla
- 9.3.3. Yashhraj Group of Companies
- 9.3.4. Ecostan
- 9.3.5. Energy Plus India
- 9.3.6. KKR Bio Fuels
- 9.3.7. Sree Amman Briquettes
- 9.3.8. NIRMALA & SIDDAGANGA BIOFUEL INDUSTRIES
- 9.3.9. Vidhyut Power & Systems
- 9.3.10. NARSIHMA AGRO INDUSTRIES

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. Global Biomass Briquette Fuel market, report scope

TABLE 2. Global Biomass Briquette Fuel market estimates & forecasts by Region
2022-2032 (USD Billion)

TABLE 3. Global Biomass Briquette Fuel market estimates & forecasts by Raw Material
2022-2032 (USD Billion)

TABLE 4. Global Biomass Briquette Fuel market estimates & forecasts by Application
2022-2032 (USD Billion)

TABLE 5. Global Biomass Briquette Fuel market by segment, estimates & forecasts,
2022-2032 (USD Billion)

TABLE 6. Global Biomass Briquette Fuel market by region, estimates & forecasts,
2022-2032 (USD Billion)

.....

This list is not complete; the final report does contain more than 100 tables. The list may be updated in the final deliverable.

List Of Figures

LIST OF FIGURES

- FIG 1. Global Biomass Briquette Fuel market, research methodology
- FIG 2. Global Biomass Briquette Fuel market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods.
- FIG 4. Global Biomass Briquette Fuel market, key trends 2023
- FIG 5. Global Biomass Briquette Fuel market, growth prospects 2022-2032
- FIG 6. Global Biomass Briquette Fuel market, Porter's 5 force model
- FIG 7. Global Biomass Briquette Fuel market, PESTEL analysis
- FIG 8. Global Biomass Briquette Fuel market, value chain analysis
- FIG 9. Global Biomass Briquette Fuel market by segment, 2022 & 2032 (USD Billion)

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