

Global Biomass Heating Plant Market Size study & Forecast, by Type (Combustion, Gasification) by Application (Power Generation, Heat Distribution) and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/G0AB0D5EB3FCEN.html>

Date: April 2024

Pages: 200

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

ID: G0AB0D5EB3FCEN

Abstracts

Global Biomass Heating Plant Market is valued approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. A biomass heating plant represents an innovative approach to sustainable energy production, harnessing the power of organic materials derived from plants, animals, or household waste to generate heat or electricity. These plants are at the forefront of eco-friendly energy solutions, utilizing biomass materials like sawdust, wood chips, agricultural residues, and specifically cultivated energy crops. Their widespread deployment across diverse sectors including hospitals, commercial buildings, universities, and farms underscores their pivotal role in reducing carbon emissions. The Biomass Heating Plant market is expanding because of factors such as rising environmental awareness, increasing adoption of renewable sources for energy generation, and favorable government policies and incentives toward sustainable waste management.

The rising adoption of renewable energy sources for electricity generation amplifies the demand for biomass heating plants by emphasizing their role as a sustainable and environmentally friendly energy solution. As the transition to a low-carbon future accelerates, biomass heating plants are poised to play an increasingly vital role in meeting the world's energy needs while reducing greenhouse gas emissions. According to International Energy agency, looking towards 2026, there's a striking projection for the global renewable electricity capacity, anticipated to surge by over 60% compared to 2020 levels, surpassing 4,800 gigawatts (GW). This milestone mirrors the total global power capacity derived from fossil fuels and nuclear energy combined. Renewable

sources are poised to lead this expansion, contributing to almost 95% of the global power capacity increase up to 2026. Thus, rising adoption of renewable sources for energy generation is driving Biomass Heating Plant Market. In addition, rising government support for the adoption and promotion of biomass heating plants as well as availability of biomass resources are creating new opportunities to the market growth. However, the high initial investment and fuel availability and supply chain challenges stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Biomass Heating Plant Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the growing embrace of renewable energy sources and concerted efforts to mitigate carbon emissions. The region has implemented progressive policies and regulations aimed at promoting the use of renewable energy, including biomass. Governments have introduced supportive measures such as policies, incentives, and tax benefits to spur the development of biomass heating plants. In the Asia Pacific region, particularly in rapidly industrializing and urbanizing countries like China, India, and Japan, there's a notable surge in biomass heating plant adoption. This growth is propelled by increasing urbanization, industrial development, and a heightened focus on green energy solutions. Additionally, the region's burgeoning population adds impetus to the demand for sustainable energy alternatives.

Major market player included in this report are:

Thermax Limited

Babcock & Wilcox Enterprises

Forbes Marshall

Hurst Boiler & Welding Co.

John Cockerill

John Wood Group PLC

Sofinter S.p.a

Walchandnagar Industries

VISSMANN

Fr?ling Heizkessel- und Beh?lterbau Ges.m.b.H.

Recent Developments in the Market:

In January 2022, UCED Group revealed its acquisition of EC Biowatt, a prominent biomass facility in the Czech Republic. This strategic move aims to fortify UCED's biomass heating plant division, enhancing its research and development capabilities.

In May 2021, ALTRI SGPS disclosed that its subsidiary, GREENVOLT, had finalized an agreement to purchase Tilbury Green Power Holdings. This acquisition encompasses a renewable biomass power plant situated in the port of Tilbury, England, boasting a net design capacity of 43.6 MW.

Global Biomass Heating Plant Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

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

Segments Covered – Type, Application, Region

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

Customization Scope - Free report customization (equivalent up to 8 analyst's 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 to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Combustion

Gasification

By Application:

Power Generation

Heat Distribution

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

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
 - 1.2.1. Biomass Heating Plant Market, by Region, 2020-2030 (USD Billion)
 - 1.2.2. Biomass Heating Plant Market, by Type, 2020-2030 (USD Billion)
 - 1.2.3. Biomass Heating Plant Market, by Application, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL BIOMASS HEATING PLANT MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Industry Evolution
 - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL BIOMASS HEATING PLANT MARKET DYNAMICS

- 3.1. Biomass Heating Plant Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Rising environmental awareness
 - 3.1.1.2. Increasing adoption of renewable sources for energy generation
 - 3.1.1.3. Favourable government policies and incentives toward sustainable waste management
 - 3.1.2. Market Challenges
 - 3.1.2.1. High initial investment and fuel availability
 - 3.1.2.2. Supply chain challenges
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Rising government support for the adoption and promotion of biomass heating plants
 - 3.1.3.2. Availability of biomass resources

CHAPTER 4. GLOBAL BIOMASS HEATING PLANT 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
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL BIOMASS HEATING PLANT MARKET, BY TYPE

- 5.1. Market Snapshot
- 5.2. Global Biomass Heating Plant Market by Type, Performance - Potential Analysis
- 5.3. Global Biomass Heating Plant Market Estimates & Forecasts by Type 2020-2030 (USD Billion)
- 5.4. Biomass Heating Plant Market, Sub Segment Analysis
 - 5.4.1. Combustion
 - 5.4.2. Gasification

CHAPTER 6. GLOBAL BIOMASS HEATING PLANT MARKET, BY APPLICATION

- 6.1. Market Snapshot
- 6.2. Global Biomass Heating Plant Market by Application, Performance - Potential Analysis

6.3. Global Biomass Heating Plant Market Estimates & Forecasts by Application
2020-2030 (USD Billion)

6.4. Biomass Heating Plant Market, Sub Segment Analysis

6.4.1. Power Generation

6.4.2. Heat Distribution

CHAPTER 7. GLOBAL BIOMASS HEATING PLANT MARKET, REGIONAL ANALYSIS

7.1. Top Leading Countries

7.2. Top Emerging Countries

7.3. Biomass Heating Plant Market, Regional Market Snapshot

7.4. North America Biomass Heating Plant Market

7.4.1. U.S. Biomass Heating Plant Market

7.4.1.1. Type breakdown estimates & forecasts, 2020-2030

7.4.1.2. Application breakdown estimates & forecasts, 2020-2030

7.4.2. Canada Biomass Heating Plant Market

7.5. Europe Biomass Heating Plant Market Snapshot

7.5.1. U.K. Biomass Heating Plant Market

7.5.2. Germany Biomass Heating Plant Market

7.5.3. France Biomass Heating Plant Market

7.5.4. Spain Biomass Heating Plant Market

7.5.5. Italy Biomass Heating Plant Market

7.5.6. Rest of Europe Biomass Heating Plant Market

7.6. Asia-Pacific Biomass Heating Plant Market Snapshot

7.6.1. China Biomass Heating Plant Market

7.6.2. India Biomass Heating Plant Market

7.6.3. Japan Biomass Heating Plant Market

7.6.4. Australia Biomass Heating Plant Market

7.6.5. South Korea Biomass Heating Plant Market

7.6.6. Rest of Asia Pacific Biomass Heating Plant Market

7.7. Latin America Biomass Heating Plant Market Snapshot

7.7.1. Brazil Biomass Heating Plant Market

7.7.2. Mexico Biomass Heating Plant Market

7.8. Middle East & Africa Biomass Heating Plant Market

7.8.1. Saudi Arabia Biomass Heating Plant Market

7.8.2. South Africa Biomass Heating Plant Market

7.8.3. Rest of Middle East & Africa Biomass Heating Plant Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Key Company SWOT Analysis
 - 8.1.1. Company
 - 8.1.2. Company
 - 8.1.3. Company
- 8.2. Top Market Strategies
- 8.3. Company Profiles
 - 8.3.1. Thermax Limited
 - 8.3.1.1. Key Information
 - 8.3.1.2. Overview
 - 8.3.1.3. Financial (Subject to Data Availability)
 - 8.3.1.4. Product Summary
 - 8.3.1.5. Recent Developments
 - 8.3.2. Babcock & Wilcox Enterprises
 - 8.3.3. Forbes Marshall
 - 8.3.4. Hurst Boiler & Welding Co.
 - 8.3.5. John Cockerill
 - 8.3.6. John Wood Group PLC
 - 8.3.7. Sofinter S.p.a
 - 8.3.8. Walchandnagar Industries
 - 8.3.9. VIESSMANN
 - 8.3.10. Fr?ling Heizkessel- und Beh?lterbau Ges.m.b.H.

CHAPTER 9. RESEARCH PROCESS

- 9.1. Research Process
 - 9.1.1. Data Mining
 - 9.1.2. Analysis
 - 9.1.3. Market Estimation
 - 9.1.4. Validation
 - 9.1.5. Publishing
- 9.2. Research Attributes
- 9.3. Research Assumption

12 .LIST OF TABLES

TABLE 1. Global Biomass Heating Plant Market, report scope

TABLE 2. Global Biomass Heating Plant Market estimates & forecasts by Region

Global Biomass Heating Plant Market Size study & Forecast, by Type (Combustion, Gasification) by Application (...)

2020-2030 (USD Billion)

TABLE 3. Global Biomass Heating Plant Market estimates & forecasts by Type

2020-2030 (USD Billion)

TABLE 4. Global Biomass Heating Plant Market estimates & forecasts by Application

2020-2030 (USD Billion)

TABLE 5. Global Biomass Heating Plant Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 6. Global Biomass Heating Plant Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 7. Global Biomass Heating Plant Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 8. Global Biomass Heating Plant Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 9. Global Biomass Heating Plant Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 10. Global Biomass Heating Plant Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 11. Global Biomass Heating Plant Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 12. Global Biomass Heating Plant Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 13. Global Biomass Heating Plant Market by segment, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 14. Global Biomass Heating Plant Market by region, estimates & forecasts,
2020-2030 (USD Billion)

TABLE 15. U.S. Biomass Heating Plant Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 16. U.S. Biomass Heating Plant Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 17. U.S. Biomass Heating Plant Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 18. Canada Biomass Heating Plant Market estimates & forecasts, 2020-2030
(USD Billion)

TABLE 19. Canada Biomass Heating Plant Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 20. Canada Biomass Heating Plant Market estimates & forecasts by segment
2020-2030 (USD Billion)

TABLE 21. UK Biomass Heating Plant Market estimates & forecasts, 2020-2030 (USD
Billion)

TABLE 22. UK Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 23. UK Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24. Germany Biomass Heating Plant Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 25. Germany Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 26. Germany Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27. France Biomass Heating Plant Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 28. France Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 29. France Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30. Italy Biomass Heating Plant Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 31. Italy Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 32. Italy Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33. Spain Biomass Heating Plant Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 34. Spain Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 35. Spain Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36. RoE Biomass Heating Plant Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 37. RoE Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 38. RoE Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 39. China Biomass Heating Plant Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 40. China Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 41. China Biomass Heating Plant Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 42. India Biomass Heating Plant Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 43. India Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 44. India Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 45. Japan Biomass Heating Plant Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 46. Japan Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 47. Japan Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48. South Korea Biomass Heating Plant Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 49. South Korea Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 50. South Korea Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51. Australia Biomass Heating Plant Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 52. Australia Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 53. Australia Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54. RoAPAC Biomass Heating Plant Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 55. RoAPAC Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 56. RoAPAC Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57. Brazil Biomass Heating Plant Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 58. Brazil Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 59. Brazil Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60. Mexico Biomass Heating Plant Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 61. Mexico Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 62. Mexico Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 63. RoLA Biomass Heating Plant Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 64. RoLA Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 65. RoLA Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 66. Saudi Arabia Biomass Heating Plant Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 67. South Africa Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 68. RoMEA Biomass Heating Plant Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 69. List of secondary sources, used in the study of global Biomass Heating Plant Market

TABLE 70. List of primary sources, used in the study of global Biomass Heating Plant Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Biomass Heating Plant Market, research methodology
 - FIG 2. Global Biomass Heating Plant Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Biomass Heating Plant Market, key trends 2022
 - FIG 5. Global Biomass Heating Plant Market, growth prospects 2023-2030
 - FIG 6. Global Biomass Heating Plant Market, porters 5 force model
 - FIG 7. Global Biomass Heating Plant Market, pest analysis
 - FIG 8. Global Biomass Heating Plant Market, value chain analysis
 - FIG 9. Global Biomass Heating Plant Market by segment, 2020 & 2030 (USD Billion)
 - FIG 10. Global Biomass Heating Plant Market by segment, 2020 & 2030 (USD Billion)
 - FIG 11. Global Biomass Heating Plant Market by segment, 2020 & 2030 (USD Billion)
 - FIG 12. Global Biomass Heating Plant Market by segment, 2020 & 2030 (USD Billion)
 - FIG 13. Global Biomass Heating Plant Market by segment, 2020 & 2030 (USD Billion)
 - FIG 14. Global Biomass Heating Plant Market, regional snapshot 2020 & 2030
 - FIG 15. North America Biomass Heating Plant Market 2020 & 2030 (USD Billion)
 - FIG 16. Europe Biomass Heating Plant Market 2020 & 2030 (USD Billion)
 - FIG 17. Asia pacific Biomass Heating Plant Market 2020 & 2030 (USD Billion)
 - FIG 18. Latin America Biomass Heating Plant Market 2020 & 2030 (USD Billion)
 - FIG 19. Middle East & Africa Biomass Heating Plant Market 2020 & 2030 (USD Billion)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

I would like to order

Product name: Global Biomass Heating Plant Market Size study & Forecast, by Type (Combustion, Gasification) by Application (Power Generation, Heat Distribution) and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/G0AB0D5EB3FCEN.html>

Price: US\$ 4,950.00 (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/G0AB0D5EB3FCEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970