

Global Biomass Power Market Report and Forecast 2023-2028

Market Report | 2023-09-09 | 190 pages | EMR Inc.

AVAILABLE LICENSES:

- Single User License \$2799.00
- Five User License \$3999.00
- Corporate License \$4999.00

Report description:

Global Biomass Power Market Report and Forecast 2023-2028

Market Outlook

According to the report by Expert Market Research (EMR), the global biomass power market is expected to witness a healthy growth in the forecast period of 2023-2028, aided by the rising demand for renewable energy sources and the broadening applications of biomass power across various sectors.

Biomass power, derived from organic materials like agricultural residues, wood waste, and municipal solid waste, is an essential renewable energy source. In addition to reducing carbon emissions and managing trash, it is essential for sustainable electricity generation. Biomass power offers not just environmental advantages but also advantages for energy security, economic growth, and community development.

The increasing demand for renewable energy sources is driving the global biomass power market growth. With growing awareness of the environmental impact of fossil fuels and the urgency to transition to renewable energy sources, there has been a surge in demand for biomass power. Additionally, government policies and incentives supporting the use of biomass for energy generation have further contributed to its rising popularity.

The expanding applications of biomass power in various sectors also play a significant role in fuelling the biomass power market expansion. In the industrial sector, biomass power is used for heat and electricity generation. The agricultural sector utilises biomass residues for energy production, turning waste into value, and contributing to circular economy principles. Moreover, biomass power provides a solution for waste management in municipalities, transforming solid waste into energy.

Further, the growing demand for energy diversification and security has led to an increased focus on biomass power. With the rise of energy consumption and the need to reduce dependency on fossil fuel imports, biomass power has emerged as a key component in many countries' energy strategies.

The biomass power market development is also being driven by an increase in the demand for biomass power solutions in the industrial sector, which has been sparked by various businesses' increased focus on lowering their reliance on fossil fuels. Further, the demand for biomass power is expected to be supported during the forecast period by the increased adoption of clean energy technologies to lower overall CO2 emissions. Additionally, many firms are setting up on-site biomass power plants to burn the waste produced at the facility, reducing both the cost of trash disposal and the cost of electricity.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Market Segmentation

The market can be divided based on technology, feedstock, end use, and region.

Market Breakup by Technology

- Combustion
- Gasification
- Anaerobic Digestion
- Others

Market Breakup by Feedstock

- Solid
- Liquid
- Biogas

Market Breakup by End Use

- Industrial
- Transportation
- Others

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and acquisitions and mergers, among other major developments, of the global biomass power companies. Some of the major key players explored in the report by Expert Market Research are as follows:

- Vattenfall Group.
- Babcock & Wilcox Enterprises, Inc.
- Ameresco, Inc.
- Orsted A/S
- Ramboll Group A/S
- Mitsubishi Heavy Industries, Ltd.
- Others

About Us

Acquire unparalleled access to critical industry insights with our comprehensive market research reports, meticulously prepared by a team of seasoned experts. These reports are designed to equip decision-makers with an in-depth understanding of prevailing market trends, competitive landscapes, and growth opportunities.

Our high-quality, data-driven analyses provide the essential framework for organisations seeking to make informed and strategic decisions in an increasingly complex and rapidly evolving business environment. By investing in our market research reports, you can ensure your organisation remains agile, proactive, and poised for success in today's competitive market.

Don't miss the opportunity to elevate your business intelligence and fortify your strategic planning. Secure your organisation's future success by acquiring one of our Expert Market Research reports today.

*We at Expert Market Research always strive to provide you with the latest information. The numbers in the article are only indicative and may be different from the actual report.

Table of Contents:

1 Preface

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 2 Report Coverage - Key Segmentation and Scope
- 3 Report Description
 - 3.1 Market Definition and Outlook
 - 3.2 Properties and Applications
 - 3.3 Market Analysis
 - 3.4 Key Players
- 4 Key Assumptions
- 5 Executive Summary
 - 5.1 Overview
 - 5.2 Key Drivers
 - 5.3 Key Developments
 - 5.4 Competitive Structure
 - 5.5 Key Industrial Trends
- 6 Snapshot
 - 6.1 Global
 - 6.2 Regional
- 7 Industry Opportunities and Challenges
- 8 Global Power Generation Market Overview
 - 8.1 Key Industry Highlights
 - 8.2 Global Power Generation Historical Market (2018-2022)
 - 8.3 Global Power Generation Market Forecast (2023-2028)
 - 8.4 Global Power Generation Market by Source
 - 8.5 Global Power Generation Market by End Use
 - 8.6 Global Power Generation Market by Region
 - 8.6.1 Market Share
 - 8.6.1.1 North America
 - 8.6.1.2 Europe
 - 8.6.1.3 Asia Pacific
 - 8.6.1.4 Latin America
 - 8.6.1.5 Middle East and Africa
- 9 Global Biomass Power Market Analysis
 - 9.1 Key Industry Highlights
 - 9.2 Global Biomass Power Historical Market (2018-2022)
 - 9.3 Global Biomass Power Market Forecast (2023-2028)
 - 9.4 Global Biomass Power Market by Technology
 - 9.4.1 Combustion
 - 9.4.1.1 Market Share
 - 9.4.1.2 Historical Trend (2018-2022)
 - 9.4.1.3 Forecast Trend (2023-2028)
 - 9.4.2 Gasification
 - 9.4.2.1 Market Share
 - 9.4.2.2 Historical Trend (2018-2022)
 - 9.4.2.3 Forecast Trend (2023-2028)
 - 9.4.3 Anaerobic Digestion
 - 9.4.3.1 Market Share
 - 9.4.3.2 Historical Trend (2018-2022)
 - 9.4.3.3 Forecast Trend (2023-2028)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 9.4.4 Others
- 9.5 Global Biomass Power Market by Feedstock
 - 9.5.1 Solid
 - 9.5.1.1 Market Share
 - 9.5.1.2 Historical Trend (2018-2022)
 - 9.5.1.3 Forecast Trend (2023-2028)
 - 9.5.2 Liquid
 - 9.5.2.1 Market Share
 - 9.5.2.2 Historical Trend (2018-2022)
 - 9.5.2.3 Forecast Trend (2023-2028)
 - 9.5.3 Biogas
 - 9.5.3.1 Market Share
 - 9.5.3.2 Historical Trend (2018-2022)
 - 9.5.3.3 Forecast Trend (2023-2028)
- 9.6 Global Biomass Power Market by End Use
 - 9.6.1 Industrial
 - 9.6.1.1 Market Share
 - 9.6.1.2 Historical Trend (2018-2022)
 - 9.6.1.3 Forecast Trend (2023-2028)
 - 9.6.2 Transportation
 - 9.6.2.1 Market Share
 - 9.6.2.2 Historical Trend (2018-2022)
 - 9.6.2.3 Forecast Trend (2023-2028)
 - 9.6.3 Others
- 9.7 Global Biomass Power Market by Region
 - 9.7.1 Market Share
 - 9.7.1.1 North America
 - 9.7.1.2 Europe
 - 9.7.1.3 Asia Pacific
 - 9.7.1.4 Latin America
 - 9.7.1.5 Middle East and Africa
- 10 Regional Analysis
 - 10.1 North America
 - 10.1.1 Historical Trend (2018-2022)
 - 10.1.2 Forecast Trend (2023-2028)
 - 10.1.3 Breakup by Country
 - 10.1.3.1 United States of America
 - 10.1.3.2 Canada
 - 10.2 Europe
 - 10.2.1 Historical Trend (2018-2022)
 - 10.2.2 Forecast Trend (2023-2028)
 - 10.2.3 Breakup by Country
 - 10.2.3.1 United Kingdom
 - 10.2.3.2 Germany
 - 10.2.3.3 France
 - 10.2.3.4 Italy
 - 10.2.3.5 Others

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 10.3 Asia Pacific
 - 10.3.1 Historical Trend (2018-2022)
 - 10.3.2 Forecast Trend (2023-2028)
 - 10.3.3 Breakup by Country
 - 10.3.3.1 China
 - 10.3.3.2 Japan
 - 10.3.3.3 India
 - 10.3.3.4 ASEAN
 - 10.3.3.5 Australia
 - 10.3.3.6 Others
- 10.4 Latin America
 - 10.4.1 Historical Trend (2018-2022)
 - 10.4.2 Forecast Trend (2023-2028)
 - 10.4.3 Breakup by Country
 - 10.4.3.1 Brazil
 - 10.4.3.2 Argentina
 - 10.4.3.3 Mexico
 - 10.4.3.4 Others
- 10.5 Middle East and Africa
 - 10.5.1 Historical Trend (2018-2022)
 - 10.5.2 Forecast Trend (2023-2028)
 - 10.5.3 Breakup by Country
 - 10.5.3.1 Saudi Arabia
 - 10.5.3.2 United Arab Emirates
 - 10.5.3.3 Nigeria
 - 10.5.3.4 South Africa
 - 10.5.3.5 Others
- 11 Market Dynamics
 - 11.1 SWOT Analysis
 - 11.1.1 Strengths
 - 11.1.2 Weaknesses
 - 11.1.3 Opportunities
 - 11.1.4 Threats
 - 11.2 Porter's Five Forces Analysis
 - 11.2.1 Supplier's Power
 - 11.2.2 Buyers Power
 - 11.2.3 Threat of New Entrants
 - 11.2.4 Degree of Rivalry
 - 11.2.5 Threat of Substitutes
 - 11.3 Key Indicators for Demand
 - 11.4 Key Indicators for Price
- 12 Competitive Landscape
 - 12.1 Market Structure
 - 12.2 Company Profiles
 - 12.2.1 Vattenfall Group.
 - 12.2.1.1 Company Overview
 - 12.2.1.2 Product Portfolio

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 12.2.1.3 Demographic Reach and Achievements
- 12.2.1.4 Certifications
- 12.2.2 Babcock & Wilcox Enterprises, Inc.
 - 12.2.2.1 Company Overview
 - 12.2.2.2 Product Portfolio
 - 12.2.2.3 Demographic Reach and Achievements
 - 12.2.2.4 Certifications
- 12.2.3 Ameresco, Inc.
 - 12.2.3.1 Company Overview
 - 12.2.3.2 Product Portfolio
 - 12.2.3.3 Demographic Reach and Achievements
 - 12.2.3.4 Financial Summary
 - 12.2.3.5 Certifications
- 12.2.4 Orsted A/S
 - 12.2.4.1 Company Overview
 - 12.2.4.2 Product Portfolio
 - 12.2.4.3 Demographic Reach and Achievements
 - 12.2.4.4 Certifications
- 12.2.5 Ramboll Group A/S
 - 12.2.5.1 Company Overview
 - 12.2.5.2 Product Portfolio
 - 12.2.5.3 Demographic Reach and Achievements
 - 12.2.5.4 Certifications
- 12.2.6 Mitsubishi Heavy Industries, Ltd.
 - 12.2.6.1 Company Overview
 - 12.2.6.2 Product Portfolio
 - 12.2.6.3 Demographic Reach and Achievements
 - 12.2.6.4 Certifications
- 12.2.7 Others
- 13 Industry Events and Developments

List of Key Figures and Tables

1. Global Power Generation Market: Key Industry Highlights, 2018 and 2028
2. Global Power Generation Historical Market: Breakup by Source (USD Billion), 2018-2022
3. Global Power Generation Market Forecast: Breakup by Source (USD Billion), 2023-2028
4. Global Power Generation Historical Market: Breakup by End Use (USD Billion), 2018-2022
5. Global Power Generation Market Forecast: Breakup by End Use (USD Billion), 2023-2028
6. Global Power Generation Historical Market: Breakup by Region (USD Billion), 2018-2022
7. Global Power Generation Market Forecast: Breakup by Region (USD Billion), 2023-2028
8. Global Biomass Power Market: Key Industry Highlights, 2018 and 2028
9. Global Biomass Power Historical Market: Breakup by Technology (USD Billion), 2018-2022
10. Global Biomass Power Market Forecast: Breakup by Technology (USD Billion), 2023-2028
11. Global Biomass Power Historical Market: Breakup by Feedstock (USD Billion), 2018-2022
12. Global Biomass Power Market Forecast: Breakup by Feedstock (USD Billion), 2023-2028
13. Global Biomass Power Historical Market: Breakup by End Use (USD Billion), 2018-2022
14. Global Biomass Power Market Forecast: Breakup by End Use (USD Billion), 2023-2028
15. Global Biomass Power Historical Market: Breakup by Region (USD Billion), 2018-2022

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

16. Global Biomass Power Market Forecast: Breakup by Region (USD Billion), 2023-2028
17. North America Biomass Power Historical Market: Breakup by Country (USD Billion), 2018-2022
18. North America Biomass Power Market Forecast: Breakup by Country (USD Billion), 2023-2028
19. Europe Biomass Power Historical Market: Breakup by Country (USD Billion), 2018-2022
20. Europe Biomass Power Market Forecast: Breakup by Country (USD Billion), 2023-2028
21. Asia Pacific Biomass Power Historical Market: Breakup by Country (USD Billion), 2018-2022
22. Asia Pacific Biomass Power Market Forecast: Breakup by Country (USD Billion), 2023-2028
23. Latin America Biomass Power Historical Market: Breakup by Country (USD Billion), 2018-2022
24. Latin America Biomass Power Market Forecast: Breakup by Country (USD Billion), 2023-2028
25. Middle East and Africa Biomass Power Historical Market: Breakup by Country (USD Billion), 2018-2022
26. Middle East and Africa Biomass Power Market Forecast: Breakup by Country (USD Billion), 2023-2028
27. Global Biomass Power Market Structure

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Global Biomass Power Market Report and Forecast 2023-2028

Market Report | 2023-09-09 | 190 pages | EMR Inc.

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$2799.00
	Five User License	\$3999.00
	Corporate License	\$4999.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-02-17"/>
		Signature	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com