

Global Algae Biofuel Market Size study & forecast, by Type (Bioethanol, Biodiesel, Methane, Jet Fuel, Biobutanol, Biogasoline, Green Diesel, Others) by Application (Transportation, Aerospace, Other Applications) and Regional Analysis, 2022-2029

<https://marketpublishers.com/r/G7763609F2E4EN.html>

Date: May 2023

Pages: 200

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

ID: G7763609F2E4EN

Abstracts

Global Algae Biofuel Market is valued approximately USD XXX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2029. Algae biofuel is a renewable, sustainable fuel produced from the oils extracted from certain types of algae. Algae are simple, aquatic plants that use sunlight to photosynthesize and produce energy. They can grow rapidly and produce large quantities of oil, which can be converted into a range of biofuels, such as biodiesel, jet fuel, and ethanol. The process of producing algae biofuel involves cultivating algae in open ponds or closed photobioreactors, and then harvesting the algae and extracting their oil. The oil is then refined and processed into biofuels, which can be used to power vehicles, generators, and other machinery. The key factor driving the market growth is rising demand for renewable fuels among consumers and cohesive government initiatives, such as incentives for renewable energy production or usage and funding for research & development in Algae Biofuel is anticipated to support the market growth during forecast period.

However, the rising public and private initiative for the development of renewable energy is anticipated to influence the market growth. For instance, in June 2022, Saudi Arabian Refineries Company (SARCO) and UK-based green technology company Christof Global Impact have signed two non-binding memorandums of understanding (MoU) to research the development of renewable fuel projects in the Kingdom. The company stated in a statement to the Saudi Exchange that the first MoU intends to examine the development of a refinery to manufacture biofuel (biodiesel-carbon-

negative fuel) derived from algae (carbon-negative algae oil). Additionally, rise in awareness regarding renewable energy source, due to several research studies are conducted, enables consumers to understand the need to shift from fossil fuels toward alternate energy sources is anticipated to create the lucrative opportunity for the market during forecast period. However, the high investments and technological barriers stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Algae Biofuel Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is the dominating region across the world in terms of market share, owing to the presence of key market players and growing consumer awareness regarding the use of biofuel as a transportation fuel. Whereas, Asia Pacific is also anticipated to exhibit fastest growth rate over the forecast period, owing to factors such as favorable government policies and rising demand for the biofuels would create lucrative growth prospects for the Algae Biofuel market across Asia Pacific region.

Major market player included in this report are:

Culture BioSystems (U.S.)
Origin Clear Inc. (U.S.)
Genifuel Corporation. (U.S.)
ALGAE PRODUCTION SYSTEMS (U.S.)
Blue Marble Production Inc. (U.S.)
Culture Biosystems (U.S.)
Proviron (Belgium)
Solix (U.S.)
Cellana Inc (U.S.)
Biofuels Digest (U.S.)

Recent Developments in the Market:

In April, 2020, Mazda participate in cooperative research projects and studies. The company is dedicated to reducing its average Well-to-Wheel CO₂ emissions to 50% of 2010 levels by 2030 and to 90% by 2050 as part of its Sustainable Zoom-Zoom 2030 long-term technology development programme.

Global Algae Biofuel Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

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; Rest of the World

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:

Bioethanol

Biodiesel

Methane

Jet Fuel

Biobutanol

Biogasoline

Green Diesel

Others

By Application:

Transportation

Aerospace

Other Applications

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
Rest of the World

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
 - 1.2.1. Algae Biofuel Market, by Region, 2019-2029 (USD Billion)
 - 1.2.2. Algae Biofuel Market, by Type, 2019-2029 (USD Billion)
 - 1.2.3. Algae Biofuel Market, by Application, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL ALGAE BIOFUEL MARKET DEFINITION AND SCOPE

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

CHAPTER 3. GLOBAL ALGAE BIOFUEL MARKET DYNAMICS

- 3.1. Algae Biofuel Market Impact Analysis (2019-2029)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Rising demand for renewable fuels among consumers
 - 3.1.1.2. Cohesive government initiatives for renewable energy production
 - 3.1.2. Market Challenges
 - 3.1.2.1. High investments and technological barriers
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Rise in awareness regarding renewable energy source

CHAPTER 4. GLOBAL ALGAE BIOFUEL 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. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. Industry Experts Prospective
- 4.7. Analyst Recommendation & Conclusion

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

CHAPTER 6. GLOBAL ALGAE BIOFUEL MARKET, BY TYPE

- 6.1. Market Snapshot
- 6.2. Global Algae Biofuel Market by Type, Performance - Potential Analysis
- 6.3. Global Algae Biofuel Market Estimates & Forecasts by Type 2019-2029 (USD Billion)
- 6.4. Algae Biofuel Market, Sub Segment Analysis
 - 6.4.1. Bioethanol
 - 6.4.2. Biodiesel
 - 6.4.3. Methane
 - 6.4.4. Jet Fuel
 - 6.4.5. Biobutanol
 - 6.4.6. Biogasoline
 - 6.4.7. Green Diesel
 - 6.4.8. Others

CHAPTER 7. GLOBAL ALGAE BIOFUEL MARKET, BY APPLICATION

- 7.1. Market Snapshot
- 7.2. Global Algae Biofuel Market by Application, Performance - Potential Analysis
- 7.3. Global Algae Biofuel Market Estimates & Forecasts by Application 2019-2029 (USD)

Billion)

7.4. Algae Biofuel Market, Sub Segment Analysis

7.4.1. Transportation

7.4.2. Aerospace

7.4.3. Other Applications

CHAPTER 8. GLOBAL ALGAE BIOFUEL MARKET, REGIONAL ANALYSIS

8.1. Algae Biofuel Market, Regional Market Snapshot

8.2. North America Algae Biofuel Market

8.2.1. U.S. Algae Biofuel Market

8.2.1.1. Type breakdown estimates & forecasts, 2019-2029

8.2.1.2. Application breakdown estimates & forecasts, 2019-2029

8.2.2. Canada Algae Biofuel Market

8.3. Europe Algae Biofuel Market Snapshot

8.3.1. U.K. Algae Biofuel Market

8.3.2. Germany Algae Biofuel Market

8.3.3. France Algae Biofuel Market

8.3.4. Spain Algae Biofuel Market

8.3.5. Italy Algae Biofuel Market

8.3.6. Rest of Europe Algae Biofuel Market

8.4. Asia-Pacific Algae Biofuel Market Snapshot

8.4.1. China Algae Biofuel Market

8.4.2. India Algae Biofuel Market

8.4.3. Japan Algae Biofuel Market

8.4.4. Australia Algae Biofuel Market

8.4.5. South Korea Algae Biofuel Market

8.4.6. Rest of Asia Pacific Algae Biofuel Market

8.5. Latin America Algae Biofuel Market Snapshot

8.5.1. Brazil Algae Biofuel Market

8.5.2. Mexico Algae Biofuel Market

8.5.3. Rest of Latin America Algae Biofuel Market

8.6. Rest of The World Algae Biofuel Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

9.1. Top Market Strategies

9.2. Company Profiles

9.2.1. Culture BioSystems (U.S.)

- 9.2.1.1. Key Information
- 9.2.1.2. Overview
- 9.2.1.3. Financial (Subject to Data Availability)
- 9.2.1.4. Product Summary
- 9.2.1.5. Recent Developments
- 9.2.2. Origin Clear Inc. (U.S.)
- 9.2.3. Genifuel Corporation. (U.S.)
- 9.2.4. ALGAE PRODUCTION SYSTEMS (U.S.)
- 9.2.5. Blue Marble Production Inc. (U.S.)
- 9.2.6. Culture Biosystems (U.S.)
- 9.2.7. Proviron (Belgium)
- 9.2.8. Solix (U.S.)
- 9.2.9. Cellana Inc (U.S.)
- 9.2.10. Biofuels Digest (U.S.)

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
- 10.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Algae Biofuel Market, report scope

TABLE 2. Global Algae Biofuel Market estimates & forecasts by Region 2019-2029
(USD Billion)

TABLE 3. Global Algae Biofuel Market estimates & forecasts by Type 2019-2029 (USD Billion)

TABLE 4. Global Algae Biofuel Market estimates & forecasts by Application 2019-2029
(USD Billion)

TABLE 5. Global Algae Biofuel Market by segment, estimates & forecasts, 2019-2029
(USD Billion)

TABLE 6. Global Algae Biofuel Market by region, estimates & forecasts, 2019-2029
(USD Billion)

TABLE 7. Global Algae Biofuel Market by segment, estimates & forecasts, 2019-2029
(USD Billion)

TABLE 8. Global Algae Biofuel Market by region, estimates & forecasts, 2019-2029
(USD Billion)

TABLE 9. Global Algae Biofuel Market by segment, estimates & forecasts, 2019-2029
(USD Billion)

TABLE 10. Global Algae Biofuel Market by region, estimates & forecasts, 2019-2029
(USD Billion)

TABLE 11. Global Algae Biofuel Market by segment, estimates & forecasts, 2019-2029
(USD Billion)

TABLE 12. Global Algae Biofuel Market by region, estimates & forecasts, 2019-2029
(USD Billion)

TABLE 13. Global Algae Biofuel Market by segment, estimates & forecasts, 2019-2029
(USD Billion)

TABLE 14. Global Algae Biofuel Market by region, estimates & forecasts, 2019-2029
(USD Billion)

TABLE 15. U.S. Algae Biofuel Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 16. U.S. Algae Biofuel Market estimates & forecasts by segment 2019-2029
(USD Billion)

TABLE 17. U.S. Algae Biofuel Market estimates & forecasts by segment 2019-2029
(USD Billion)

TABLE 18. Canada Algae Biofuel Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 19. Canada Algae Biofuel Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 20. Canada Algae Biofuel Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 21. UK Algae Biofuel Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 22. UK Algae Biofuel Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 23. UK Algae Biofuel Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 24. Germany Algae Biofuel Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 25. Germany Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 26. Germany Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 27. France Algae Biofuel Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 28. France Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 29. France Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 30. Italy Algae Biofuel Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 31. Italy Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 32. Italy Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 33. Spain Algae Biofuel Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 34. Spain Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 35. Spain Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 36. RoE Algae Biofuel Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 37. RoE Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 38. RoE Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 39. China Algae Biofuel Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 40. China Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 41. China Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 42. India Algae Biofuel Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 43. India Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 44. India Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 45. Japan Algae Biofuel Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 46. Japan Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 47. Japan Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 48. South Korea Algae Biofuel Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 49. South Korea Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 50. South Korea Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 51. Australia Algae Biofuel Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 52. Australia Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 53. Australia Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 54. RoAPAC Algae Biofuel Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 55. RoAPAC Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 56. RoAPAC Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 57. Brazil Algae Biofuel Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 58. Brazil Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 59. Brazil Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 60. Mexico Algae Biofuel Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 61. Mexico Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 62. Mexico Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 63. RoLA Algae Biofuel Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 64. RoLA Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 65. RoLA Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 66. Row Algae Biofuel Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 67. Row Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 68. Row Algae Biofuel Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 69. List of secondary sources, used in the study of global Algae Biofuel Market

TABLE 70. List of primary sources, used in the study of global Algae Biofuel 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 Algae Biofuel Market, research methodology
 - FIG 2. Global Algae Biofuel Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Algae Biofuel Market, key trends 2021
 - FIG 5. Global Algae Biofuel Market, growth prospects 2022-2029
 - FIG 6. Global Algae Biofuel Market, porters 5 force model
 - FIG 7. Global Algae Biofuel Market, pest analysis
 - FIG 8. Global Algae Biofuel Market, value chain analysis
 - FIG 9. Global Algae Biofuel Market by segment, 2019 & 2029 (USD Billion)
 - FIG 10. Global Algae Biofuel Market by segment, 2019 & 2029 (USD Billion)
 - FIG 11. Global Algae Biofuel Market by segment, 2019 & 2029 (USD Billion)
 - FIG 12. Global Algae Biofuel Market by segment, 2019 & 2029 (USD Billion)
 - FIG 13. Global Algae Biofuel Market by segment, 2019 & 2029 (USD Billion)
 - FIG 14. Global Algae Biofuel Market, regional snapshot 2019 & 2029
 - FIG 15. North America Algae Biofuel Market 2019 & 2029 (USD Billion)
 - FIG 16. Europe Algae Biofuel Market 2019 & 2029 (USD Billion)
 - FIG 17. Asia pacific Algae Biofuel Market 2019 & 2029 (USD Billion)
 - FIG 18. Latin America Algae Biofuel Market 2019 & 2029 (USD Billion)
 - FIG 19. Global Algae Biofuel Market, company Market share analysis (2021)
- 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 Algae Biofuel Market Size study & forecast, by Type (Bioethanol, Biodiesel, Methane, Jet Fuel, Biobutanol, Biogasoline, Green Diesel, Others) by Application (Transportation, Aerospace, Other Applications) and Regional Analysis, 2022-2029

Product link: <https://marketpublishers.com/r/G7763609F2E4EN.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/G7763609F2E4EN.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