

Global White Biotech Market Size study & Forecast, by Type (Biofuels, Biomaterials, Biochemicals, and Industrial Enzymes), Application (Chemicals, Pharmaceuticals, Food and Beverage, Feed, and Other Applications) and Regional Analysis, 2022-2029

<https://marketpublishers.com/r/G389B4FF2181EN.html>

Date: January 2023

Pages: 200

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

ID: G389B4FF2181EN

Abstracts

Global White Biotech Market is valued at approximately USD xx billion in 2021 and is anticipated to grow with a healthy growth rate of more than 15.14% over the forecast period 2022-2029. White Biotech use enzymes and microorganisms to produce a bio-based chemical from renewable. White Biotechnology paid attention to developing resource-saving processes and products that are more energy efficient and less harmful to the environment than their predecessors. The White Biotech market is expanding because of factors such as consumer demand for green chemicals, consumer awareness of sustainability and the need for efficient productivity in the biotech industry. This market is dominated by Eucodis Bioscience GMBH, DuPont, Koninklijke DSM NV, BASF SE and Evonik Industries AG.

White biotechnology approaches to avoid environmental pollution, conserve resources and reduce costs. This is often referred to as the third wave of biotechnology. Using white biotechnology can reduce your carbon footprint by up to 50%, energy consumption by 20% and water consumption by 75%. As well as increased awareness about sustainability led to the adoption of white biotech, most of the industry prefers biofuel and biodiesel as it is a renewable resource and highly efficient. It is widely used in the transportation and the automobiles industry.

As per the reports of the U.S. Energy Information Administration, biodiesel was the second most produced and consumed biofuel in the United States after ethanol, accounting for about 11% and 12% of total US biofuel production and consumption, respectively in 2020. The sale of white biotech such as biodiesel has been growing due

to the growing demand for energy-efficient fuels. Similarly, In 2020, U.S. biodiesel production was around 1.8 billion gallons, imports were around 197 million gallons, and exports were near about 145 million gallons. About 1.9 billion gallons of biodiesel were consumed in 2020, most of it in blends up to B20. In addition, increasing investment in biofuels is supposed to increase the opportunity for the white biotech market in the forthcoming years. However, the Lower adoption of biofertilizers compared to conventional fertilizers stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global White Biotech Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, owing to the dominance of branded products and the region's increasing awareness toward technological advancement. According to White house reports, President Biden signed an executive order to launch the National Biotechnology and Biomanufacturing Initiative on September 14, 2022, the United States is announcing new investments and resources to advance the Initiative. President Biden's took initiative to promote National Biotechnology and Biomanufacturing. Asia Pacific is expected to grow with the highest CAGR during the forecast period, due to an increase in the population is expected to increase due to the need for non-toxic renewable biotech, an increase in the transportation and automobile industry, stringent government regulation of harmful biotech is the reason for the growth of this market in near future.

Major market player included in this report are:

EUCODIS Bioscience GmbH

DuPont de Nemours, Inc

Koninklijke DSM NV

BASF SE

Evonik Industries AG

Lonza Group Ltd

Laurus Labs

Corbion NV

Novozymes

Archer Daniels Midland Company

Recent Developments in the Market:

In March 2021, BASF Venture Fund (BVC) will invest in Bota Biosciences Ltd, an industrial synthetic biotechnology association established in Hangzhou, China, dedicated to developing next-generation biotechnology platforms that enable high-quality products. (Bota Bio). Be sustainable and economical. Many industrial uses such

as vitamins, personal care products, sweeteners, and pesticides

In April 2021, Paraxel International Corporation publicly announced a strategic collaboration with Veeva. Increasing the number of clinical trials requires teamwork, including new approaches and better technology.

Global White Biotech 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:

Biofuels

Biomaterials

Biochemicals

Industrial Enzymes

By Application:

Chemicals

Pharmaceuticals

Food and Beverages

Feed

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. White Biotech Market, by Region, 2019-2029 (USD Billion)
 - 1.2.2. White Biotech Market, by Type, 2019-2029 (USD Billion)
 - 1.2.3. White Biotech Market, by Application, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL WHITE BIOTECH 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 WHITE BIOTECH MARKET DYNAMICS

- 3.1. White Biotech Market Impact Analysis (2019-2029)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Consumer Demand for Green Chemicals
 - 3.1.1.2. Consumer Awareness of Sustainability
 - 3.1.1.3. Need For Efficient Productivity in Biotech Industry
 - 3.1.2. Market Challenges
 - 3.1.2.1. Lower Adoption of Biofertilizers Compared to Conventional Fertilizers
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Increasing Investment in Biofuels

CHAPTER 4. GLOBAL WHITE BIOTECH 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 WHITE BIOTECH MARKET, BY TYPE

- 6.1. Market Snapshot
- 6.2. Global White Biotech Market by Type, Performance - Potential Analysis
- 6.3. Global White Biotech Market Estimates & Forecasts by Type 2019-2029 (USD Billion)
- 6.4. White Biotech Market, Sub Segment Analysis
 - 6.4.1. Biofuels
 - 6.4.2. Biomaterials
 - 6.4.3. Biochemicals
 - 6.4.4. Industrial Enzymes

CHAPTER 7. GLOBAL WHITE BIOTECH MARKET, BY APPLICATION

- 7.1. Market Snapshot
- 7.2. Global White Biotech Market by Application, Performance - Potential Analysis
- 7.3. Global White Biotech Market Estimates & Forecasts by Application 2019-2029 (USD Billion)
- 7.4. White Biotech Market, Sub Segment Analysis
 - 7.4.1. Chemicals

- 7.4.2. Pharmaceuticals
- 7.4.3. Food and Beverages
- 7.4.4. Feed
- 7.4.5. Other Applications

CHAPTER 8. GLOBAL WHITE BIOTECH MARKET, REGIONAL ANALYSIS

- 8.1. White Biotech Market, Regional Market Snapshot
- 8.2. North America White Biotech Market
 - 8.2.1. U.S. White Biotech 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 White Biotech Market
- 8.3. Europe White Biotech Market Snapshot
 - 8.3.1. U.K. White Biotech Market
 - 8.3.2. Germany White Biotech Market
 - 8.3.3. France White Biotech Market
 - 8.3.4. Spain White Biotech Market
 - 8.3.5. Italy White Biotech Market
 - 8.3.6. Rest of Europe White Biotech Market
- 8.4. Asia-Pacific White Biotech Market Snapshot
 - 8.4.1. China White Biotech Market
 - 8.4.2. India White Biotech Market
 - 8.4.3. Japan White Biotech Market
 - 8.4.4. Australia White Biotech Market
 - 8.4.5. South Korea White Biotech Market
 - 8.4.6. Rest of Asia Pacific White Biotech Market
- 8.5. Latin America White Biotech Market Snapshot
 - 8.5.1. Brazil White Biotech Market
 - 8.5.2. Mexico White Biotech Market
 - 8.5.3. Rest of Latin America White Biotech Market
- 8.6. Rest of The World White Biotech Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Top Market Strategies
- 9.2. Company Profiles
 - 9.2.1. EUCODIS Bioscience GmbH
 - 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. DuPont de Nemours, Inc
- 9.2.3. Koninklijke DSM NV
- 9.2.4. BASF SE
- 9.2.5. Evonik Industries AG
- 9.2.6. Lonza Group Ltd
- 9.2.7. Laurus Labs
- 9.2.8. Corbion NV
- 9.2.9. Novozymes
- 9.2.10. Archer Daniels Midland Company

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 White Biotech Market, report scope

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

TABLE 19. Canada White Biotech Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 20. Canada White Biotech Market estimates & forecasts by segment 2019-2029

(USD Billion)

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

TABLE 22. UK White Biotech Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 23. UK White Biotech Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 24. Germany White Biotech Market estimates & forecasts, 2019-2029 (USD

Billion)

TABLE 25. Germany White Biotech Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 26. Germany White Biotech Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 27. France White Biotech Market estimates & forecasts, 2019-2029 (USD

Billion)

TABLE 28. France White Biotech Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 29. France White Biotech Market estimates & forecasts by segment 2019-2029

(USD Billion)

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

TABLE 31. Italy White Biotech Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 32. Italy White Biotech Market estimates & forecasts by segment 2019-2029

(USD Billion)

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

TABLE 34. Spain White Biotech Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 35. Spain White Biotech Market estimates & forecasts by segment 2019-2029

(USD Billion)

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

TABLE 37. RoE White Biotech Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 38. RoE White Biotech Market estimates & forecasts by segment 2019-2029

(USD Billion)

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

TABLE 40. China White Biotech Market estimates & forecasts by segment 2019-2029

(USD Billion)

TABLE 41. China White Biotech Market estimates & forecasts by segment 2019-2029

(USD Billion)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

TABLE 62. Mexico White Biotech Market estimates & forecasts by segment 2019-2029

(USD Billion)

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

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

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

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

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

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

TABLE 69. List of secondary sources, used in the study of global White Biotech Market

TABLE 70. List of primary sources, used in the study of global White Biotech 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 White Biotech Market, research methodology
 - FIG 2. Global White Biotech Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global White Biotech Market, key trends 2021
 - FIG 5. Global White Biotech Market, growth prospects 2022-2029
 - FIG 6. Global White Biotech Market, porters 5 force model
 - FIG 7. Global White Biotech Market, pest analysis
 - FIG 8. Global White Biotech Market, value chain analysis
 - FIG 9. Global White Biotech Market by segment, 2019 & 2029 (USD Billion)
 - FIG 10. Global White Biotech Market by segment, 2019 & 2029 (USD Billion)
 - FIG 11. Global White Biotech Market by segment, 2019 & 2029 (USD Billion)
 - FIG 12. Global White Biotech Market by segment, 2019 & 2029 (USD Billion)
 - FIG 13. Global White Biotech Market by segment, 2019 & 2029 (USD Billion)
 - FIG 14. Global White Biotech Market, regional snapshot 2019 & 2029
 - FIG 15. North America White Biotech Market 2019 & 2029 (USD Billion)
 - FIG 16. Europe White Biotech Market 2019 & 2029 (USD Billion)
 - FIG 17. Asia pacific White Biotech Market 2019 & 2029 (USD Billion)
 - FIG 18. Latin America White Biotech Market 2019 & 2029 (USD Billion)
 - FIG 19. Global White Biotech 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 White Biotech Market Size study & Forecast, by Type (Biofuels, Biomaterials, Biochemicals, and Industrial Enzymes), Application (Chemicals, Pharmaceuticals, Food and Beverage, Feed, and Other Applications) and Regional Analysis, 2022-2029

Product link: <https://marketpublishers.com/r/G389B4FF2181EN.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/G389B4FF2181EN.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