

# Bio-based Carbon Material Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/B0B923F299A8EN.html>

Date: January 2022

Pages: 73

Price: US\$ 3,250.00 (Single User License)

ID: B0B923F299A8EN

## Abstracts

This report contains market size and forecasts of Bio-based Carbon Material in global, including the following market information:

Global Bio-based Carbon Material Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Bio-based Carbon Material Market Sales, 2017-2022, 2023-2028, (Kiloton)

Global top five Bio-based Carbon Material companies in 2021 (%)

The global Bio-based Carbon Material market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Carbon Dioxide Raw Material Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Bio-based Carbon Material include Shandong Longlive Bio-technology Corporation, Karlsruhe Institute of Technology, Carbonauten, HTCycle, Bayer, BioBased Technologies, BASF, Cargill and The Dow Chemical Company and etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Bio-based Carbon Material manufacturers, suppliers, distributors and industry experts on this industry,

involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Bio-based Carbon Material Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Kiloton)

Global Bio-based Carbon Material Market Segment Percentages, by Type, 2021 (%)

Carbon Dioxide Raw Material

Kraft Lignin Raw Material

Alcohol Raw Material

Others

Global Bio-based Carbon Material Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Kiloton)

Global Bio-based Carbon Material Market Segment Percentages, by Application, 2021 (%)

Ecological Conservation

Economic Development

Anti-corrosive Material

Medical Equipment

Battery Industry

Packaging

Global Bio-based Carbon Material Market, By Region and Country, 2017-2022,  
2023-2028 (\$ Millions) & (Kiloton)

Global Bio-based Carbon Material Market Segment Percentages, By Region and  
Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Bio-based Carbon Material revenues in global market, 2017-2022  
(Estimated), (\$ millions)

Key companies Bio-based Carbon Material revenues share in global market, 2021 (%)

Key companies Bio-based Carbon Material sales in global market, 2017-2022  
(Estimated), (Kiloton)

Key companies Bio-based Carbon Material sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Shandong Longlive Bio-technology Corporation

Karlsruhe Institute of Technology

Carbonauten

HTCycle

Bayer

BioBased Technologies

BASF

Cargill

The Dow Chemical Company

Inventa-Fischer

## Contents

### 1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Bio-based Carbon Material Market Definition
- 1.2 Market Segments
  - 1.2.1 Market by Type
  - 1.2.2 Market by Application
- 1.3 Global Bio-based Carbon Material Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
  - 1.5.1 Research Methodology
  - 1.5.2 Research Process
  - 1.5.3 Base Year
  - 1.5.4 Report Assumptions & Caveats

### 2 GLOBAL BIO-BASED CARBON MATERIAL OVERALL MARKET SIZE

- 2.1 Global Bio-based Carbon Material Market Size: 2021 VS 2028
- 2.2 Global Bio-based Carbon Material Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global Bio-based Carbon Material Sales: 2017-2028

### 3 COMPANY LANDSCAPE

- 3.1 Top Bio-based Carbon Material Players in Global Market
- 3.2 Top Global Bio-based Carbon Material Companies Ranked by Revenue
- 3.3 Global Bio-based Carbon Material Revenue by Companies
- 3.4 Global Bio-based Carbon Material Sales by Companies
- 3.5 Global Bio-based Carbon Material Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 Bio-based Carbon Material Companies in Global Market, by Revenue in 2021
- 3.7 Global Manufacturers Bio-based Carbon Material Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Bio-based Carbon Material Players in Global Market
  - 3.8.1 List of Global Tier 1 Bio-based Carbon Material Companies
  - 3.8.2 List of Global Tier 2 and Tier 3 Bio-based Carbon Material Companies

### 4 SIGHTS BY PRODUCT

- 4.1 Overview

- 4.1.1 By Type - Global Bio-based Carbon Material Market Size Markets, 2021 & 2028
- 4.1.2 Carbon Dioxide Raw Material
- 4.1.3 Kraft Lignin Raw Material
- 4.1.4 Alcohol Raw Material
- 4.1.5 Others
- 4.2 By Type - Global Bio-based Carbon Material Revenue & Forecasts
  - 4.2.1 By Type - Global Bio-based Carbon Material Revenue, 2017-2022
  - 4.2.2 By Type - Global Bio-based Carbon Material Revenue, 2023-2028
  - 4.2.3 By Type - Global Bio-based Carbon Material Revenue Market Share, 2017-2028
- 4.3 By Type - Global Bio-based Carbon Material Sales & Forecasts
  - 4.3.1 By Type - Global Bio-based Carbon Material Sales, 2017-2022
  - 4.3.2 By Type - Global Bio-based Carbon Material Sales, 2023-2028
  - 4.3.3 By Type - Global Bio-based Carbon Material Sales Market Share, 2017-2028
- 4.4 By Type - Global Bio-based Carbon Material Price (Manufacturers Selling Prices), 2017-2028

## **5 SIGHTS BY APPLICATION**

- 5.1 Overview
  - 5.1.1 By Application - Global Bio-based Carbon Material Market Size, 2021 & 2028
  - 5.1.2 Ecological Conservation
  - 5.1.3 Economic Development
  - 5.1.4 Anti-corrosive Material
  - 5.1.5 Medical Equipment
  - 5.1.6 Battery Industry
  - 5.1.7 Packaging
- 5.2 By Application - Global Bio-based Carbon Material Revenue & Forecasts
  - 5.2.1 By Application - Global Bio-based Carbon Material Revenue, 2017-2022
  - 5.2.2 By Application - Global Bio-based Carbon Material Revenue, 2023-2028
  - 5.2.3 By Application - Global Bio-based Carbon Material Revenue Market Share, 2017-2028
- 5.3 By Application - Global Bio-based Carbon Material Sales & Forecasts
  - 5.3.1 By Application - Global Bio-based Carbon Material Sales, 2017-2022
  - 5.3.2 By Application - Global Bio-based Carbon Material Sales, 2023-2028
  - 5.3.3 By Application - Global Bio-based Carbon Material Sales Market Share, 2017-2028
- 5.4 By Application - Global Bio-based Carbon Material Price (Manufacturers Selling Prices), 2017-2028

## 6 SIGHTS BY REGION

6.1 By Region - Global Bio-based Carbon Material Market Size, 2021 & 2028

6.2 By Region - Global Bio-based Carbon Material Revenue & Forecasts

6.2.1 By Region - Global Bio-based Carbon Material Revenue, 2017-2022

6.2.2 By Region - Global Bio-based Carbon Material Revenue, 2023-2028

6.2.3 By Region - Global Bio-based Carbon Material Revenue Market Share, 2017-2028

6.3 By Region - Global Bio-based Carbon Material Sales & Forecasts

6.3.1 By Region - Global Bio-based Carbon Material Sales, 2017-2022

6.3.2 By Region - Global Bio-based Carbon Material Sales, 2023-2028

6.3.3 By Region - Global Bio-based Carbon Material Sales Market Share, 2017-2028

6.4 North America

6.4.1 By Country - North America Bio-based Carbon Material Revenue, 2017-2028

6.4.2 By Country - North America Bio-based Carbon Material Sales, 2017-2028

6.4.3 US Bio-based Carbon Material Market Size, 2017-2028

6.4.4 Canada Bio-based Carbon Material Market Size, 2017-2028

6.4.5 Mexico Bio-based Carbon Material Market Size, 2017-2028

6.5 Europe

6.5.1 By Country - Europe Bio-based Carbon Material Revenue, 2017-2028

6.5.2 By Country - Europe Bio-based Carbon Material Sales, 2017-2028

6.5.3 Germany Bio-based Carbon Material Market Size, 2017-2028

6.5.4 France Bio-based Carbon Material Market Size, 2017-2028

6.5.5 U.K. Bio-based Carbon Material Market Size, 2017-2028

6.5.6 Italy Bio-based Carbon Material Market Size, 2017-2028

6.5.7 Russia Bio-based Carbon Material Market Size, 2017-2028

6.5.8 Nordic Countries Bio-based Carbon Material Market Size, 2017-2028

6.5.9 Benelux Bio-based Carbon Material Market Size, 2017-2028

6.6 Asia

6.6.1 By Region - Asia Bio-based Carbon Material Revenue, 2017-2028

6.6.2 By Region - Asia Bio-based Carbon Material Sales, 2017-2028

6.6.3 China Bio-based Carbon Material Market Size, 2017-2028

6.6.4 Japan Bio-based Carbon Material Market Size, 2017-2028

6.6.5 South Korea Bio-based Carbon Material Market Size, 2017-2028

6.6.6 Southeast Asia Bio-based Carbon Material Market Size, 2017-2028

6.6.7 India Bio-based Carbon Material Market Size, 2017-2028

6.7 South America

6.7.1 By Country - South America Bio-based Carbon Material Revenue, 2017-2028

6.7.2 By Country - South America Bio-based Carbon Material Sales, 2017-2028



6.7.3 Brazil Bio-based Carbon Material Market Size, 2017-2028

6.7.4 Argentina Bio-based Carbon Material Market Size, 2017-2028

6.8 Middle East & Africa

6.8.1 By Country - Middle East & Africa Bio-based Carbon Material Revenue, 2017-2028

6.8.2 By Country - Middle East & Africa Bio-based Carbon Material Sales, 2017-2028

6.8.3 Turkey Bio-based Carbon Material Market Size, 2017-2028

6.8.4 Israel Bio-based Carbon Material Market Size, 2017-2028

6.8.5 Saudi Arabia Bio-based Carbon Material Market Size, 2017-2028

6.8.6 UAE Bio-based Carbon Material Market Size, 2017-2028

## **7 MANUFACTURERS & BRANDS PROFILES**

7.1 Shandong Longlive Bio-technology Corporation

7.1.1 Shandong Longlive Bio-technology Corporation Corporate Summary

7.1.2 Shandong Longlive Bio-technology Corporation Business Overview

7.1.3 Shandong Longlive Bio-technology Corporation Bio-based Carbon Material Major Product Offerings

7.1.4 Shandong Longlive Bio-technology Corporation Bio-based Carbon Material Sales and Revenue in Global (2017-2022)

7.1.5 Shandong Longlive Bio-technology Corporation Key News

7.2 Karlsruhe Institute of Technology

7.2.1 Karlsruhe Institute of Technology Corporate Summary

7.2.2 Karlsruhe Institute of Technology Business Overview

7.2.3 Karlsruhe Institute of Technology Bio-based Carbon Material Major Product Offerings

7.2.4 Karlsruhe Institute of Technology Bio-based Carbon Material Sales and Revenue in Global (2017-2022)

7.2.5 Karlsruhe Institute of Technology Key News

7.3 Carbonauten

7.3.1 Carbonauten Corporate Summary

7.3.2 Carbonauten Business Overview

7.3.3 Carbonauten Bio-based Carbon Material Major Product Offerings

7.3.4 Carbonauten Bio-based Carbon Material Sales and Revenue in Global (2017-2022)

7.3.5 Carbonauten Key News

7.4 HTCycle

7.4.1 HTCycle Corporate Summary

7.4.2 HTCycle Business Overview

7.4.3 HTCycle Bio-based Carbon Material Major Product Offerings

7.4.4 HTCycle Bio-based Carbon Material Sales and Revenue in Global (2017-2022)

7.4.5 HTCycle Key News

7.5 Bayer

7.5.1 Bayer Corporate Summary

7.5.2 Bayer Business Overview

7.5.3 Bayer Bio-based Carbon Material Major Product Offerings

7.5.4 Bayer Bio-based Carbon Material Sales and Revenue in Global (2017-2022)

7.5.5 Bayer Key News

7.6 BioBased Technologies

7.6.1 BioBased Technologies Corporate Summary

7.6.2 BioBased Technologies Business Overview

7.6.3 BioBased Technologies Bio-based Carbon Material Major Product Offerings

7.6.4 BioBased Technologies Bio-based Carbon Material Sales and Revenue in Global (2017-2022)

7.6.5 BioBased Technologies Key News

7.7 BASF

7.7.1 BASF Corporate Summary

7.7.2 BASF Business Overview

7.7.3 BASF Bio-based Carbon Material Major Product Offerings

7.7.4 BASF Bio-based Carbon Material Sales and Revenue in Global (2017-2022)

7.7.5 BASF Key News

7.8 Cargill

7.8.1 Cargill Corporate Summary

7.8.2 Cargill Business Overview

7.8.3 Cargill Bio-based Carbon Material Major Product Offerings

7.8.4 Cargill Bio-based Carbon Material Sales and Revenue in Global (2017-2022)

7.8.5 Cargill Key News

7.9 The Dow Chemical Company

7.9.1 The Dow Chemical Company Corporate Summary

7.9.2 The Dow Chemical Company Business Overview

7.9.3 The Dow Chemical Company Bio-based Carbon Material Major Product Offerings

7.9.4 The Dow Chemical Company Bio-based Carbon Material Sales and Revenue in Global (2017-2022)

7.9.5 The Dow Chemical Company Key News

7.10 Inventa-Fischer

7.10.1 Inventa-Fischer Corporate Summary

7.10.2 Inventa-Fischer Business Overview

- 7.10.3 Inventa-Fischer Bio-based Carbon Material Major Product Offerings
- 7.10.4 Inventa-Fischer Bio-based Carbon Material Sales and Revenue in Global (2017-2022)
- 7.10.5 Inventa-Fischer Key News

## **8 GLOBAL BIO-BASED CARBON MATERIAL PRODUCTION CAPACITY, ANALYSIS**

- 8.1 Global Bio-based Carbon Material Production Capacity, 2017-2028
- 8.2 Bio-based Carbon Material Production Capacity of Key Manufacturers in Global Market
- 8.3 Global Bio-based Carbon Material Production by Region

## **9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS**

- 9.1 Market Opportunities & Trends
- 9.2 Market Drivers
- 9.3 Market Restraints

## **10 BIO-BASED CARBON MATERIAL SUPPLY CHAIN ANALYSIS**

- 10.1 Bio-based Carbon Material Industry Value Chain
- 10.2 Bio-based Carbon Material Upstream Market
- 10.3 Bio-based Carbon Material Downstream and Clients
- 10.4 Marketing Channels Analysis
  - 10.4.1 Marketing Channels
  - 10.4.2 Bio-based Carbon Material Distributors and Sales Agents in Global

## **11 CONCLUSION**

## **12 APPENDIX**

- 12.1 Note
- 12.2 Examples of Clients
- 12.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Key Players of Bio-based Carbon Material in Global Market

Table 2. Top Bio-based Carbon Material Players in Global Market, Ranking by Revenue (2021)

Table 3. Global Bio-based Carbon Material Revenue by Companies, (US\$, Mn), 2017-2022

Table 4. Global Bio-based Carbon Material Revenue Share by Companies, 2017-2022

Table 5. Global Bio-based Carbon Material Sales by Companies, (Kiloton), 2017-2022

Table 6. Global Bio-based Carbon Material Sales Share by Companies, 2017-2022

Table 7. Key Manufacturers Bio-based Carbon Material Price (2017-2022) & (US\$/Ton)

Table 8. Global Manufacturers Bio-based Carbon Material Product Type

Table 9. List of Global Tier 1 Bio-based Carbon Material Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 10. List of Global Tier 2 and Tier 3 Bio-based Carbon Material Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 11. By Type – Global Bio-based Carbon Material Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Type - Global Bio-based Carbon Material Revenue (US\$, Mn), 2017-2022

Table 13. By Type - Global Bio-based Carbon Material Revenue (US\$, Mn), 2023-2028

Table 14. By Type - Global Bio-based Carbon Material Sales (Kiloton), 2017-2022

Table 15. By Type - Global Bio-based Carbon Material Sales (Kiloton), 2023-2028

Table 16. By Application – Global Bio-based Carbon Material Revenue, (US\$, Mn), 2021 & 2028

Table 17. By Application - Global Bio-based Carbon Material Revenue (US\$, Mn), 2017-2022

Table 18. By Application - Global Bio-based Carbon Material Revenue (US\$, Mn), 2023-2028

Table 19. By Application - Global Bio-based Carbon Material Sales (Kiloton), 2017-2022

Table 20. By Application - Global Bio-based Carbon Material Sales (Kiloton), 2023-2028

Table 21. By Region – Global Bio-based Carbon Material Revenue, (US\$, Mn), 2021 VS 2028

Table 22. By Region - Global Bio-based Carbon Material Revenue (US\$, Mn), 2017-2022

Table 23. By Region - Global Bio-based Carbon Material Revenue (US\$, Mn), 2023-2028

Table 24. By Region - Global Bio-based Carbon Material Sales (Kiloton), 2017-2022

Table 25. By Region - Global Bio-based Carbon Material Sales (Kiloton), 2023-2028

Table 26. By Country - North America Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - North America Bio-based Carbon Material Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - North America Bio-based Carbon Material Sales, (Kiloton), 2017-2022

Table 29. By Country - North America Bio-based Carbon Material Sales, (Kiloton), 2023-2028

Table 30. By Country - Europe Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2022

Table 31. By Country - Europe Bio-based Carbon Material Revenue, (US\$, Mn), 2023-2028

Table 32. By Country - Europe Bio-based Carbon Material Sales, (Kiloton), 2017-2022

Table 33. By Country - Europe Bio-based Carbon Material Sales, (Kiloton), 2023-2028

Table 34. By Region - Asia Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2022

Table 35. By Region - Asia Bio-based Carbon Material Revenue, (US\$, Mn), 2023-2028

Table 36. By Region - Asia Bio-based Carbon Material Sales, (Kiloton), 2017-2022

Table 37. By Region - Asia Bio-based Carbon Material Sales, (Kiloton), 2023-2028

Table 38. By Country - South America Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2022

Table 39. By Country - South America Bio-based Carbon Material Revenue, (US\$, Mn), 2023-2028

Table 40. By Country - South America Bio-based Carbon Material Sales, (Kiloton), 2017-2022

Table 41. By Country - South America Bio-based Carbon Material Sales, (Kiloton), 2023-2028

Table 42. By Country - Middle East & Africa Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2022

Table 43. By Country - Middle East & Africa Bio-based Carbon Material Revenue, (US\$, Mn), 2023-2028

Table 44. By Country - Middle East & Africa Bio-based Carbon Material Sales, (Kiloton), 2017-2022

Table 45. By Country - Middle East & Africa Bio-based Carbon Material Sales, (Kiloton), 2023-2028

Table 46. Shandong Longlive Bio-technology Corporation Corporate Summary

Table 47. Shandong Longlive Bio-technology Corporation Bio-based Carbon Material Product Offerings

Table 48. Shandong Longlive Bio-technology Corporation Bio-based Carbon Material

Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 49. Karlsruhe Institute of Technology Corporate Summary

Table 50. Karlsruhe Institute of Technology Bio-based Carbon Material Product Offerings

Table 51. Karlsruhe Institute of Technology Bio-based Carbon Material Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 52. Carbonauten Corporate Summary

Table 53. Carbonauten Bio-based Carbon Material Product Offerings

Table 54. Carbonauten Bio-based Carbon Material Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 55. HTCycle Corporate Summary

Table 56. HTCycle Bio-based Carbon Material Product Offerings

Table 57. HTCycle Bio-based Carbon Material Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 58. Bayer Corporate Summary

Table 59. Bayer Bio-based Carbon Material Product Offerings

Table 60. Bayer Bio-based Carbon Material Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 61. BioBased Technologies Corporate Summary

Table 62. BioBased Technologies Bio-based Carbon Material Product Offerings

Table 63. BioBased Technologies Bio-based Carbon Material Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 64. BASF Corporate Summary

Table 65. BASF Bio-based Carbon Material Product Offerings

Table 66. BASF Bio-based Carbon Material Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 67. Cargill Corporate Summary

Table 68. Cargill Bio-based Carbon Material Product Offerings

Table 69. Cargill Bio-based Carbon Material Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 70. The Dow Chemical Company Corporate Summary

Table 71. The Dow Chemical Company Bio-based Carbon Material Product Offerings

Table 72. The Dow Chemical Company Bio-based Carbon Material Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 73. Inventa-Fischer Corporate Summary

Table 74. Inventa-Fischer Bio-based Carbon Material Product Offerings

Table 75. Inventa-Fischer Bio-based Carbon Material Sales (Kiloton), Revenue (US\$, Mn) and Average Price (US\$/Ton) (2017-2022)

Table 76. Bio-based Carbon Material Production Capacity (Kiloton) of Key



Manufacturers in Global Market, 2020-2022 (Kiloton)

Table 77. Global Bio-based Carbon Material Capacity Market Share of Key Manufacturers, 2020-2022

Table 78. Global Bio-based Carbon Material Production by Region, 2017-2022 (Kiloton)

Table 79. Global Bio-based Carbon Material Production by Region, 2023-2028 (Kiloton)

Table 80. Bio-based Carbon Material Market Opportunities & Trends in Global Market

Table 81. Bio-based Carbon Material Market Drivers in Global Market

Table 82. Bio-based Carbon Material Market Restraints in Global Market

Table 83. Bio-based Carbon Material Raw Materials

Table 84. Bio-based Carbon Material Raw Materials Suppliers in Global Market

Table 85. Typical Bio-based Carbon Material Downstream

Table 86. Bio-based Carbon Material Downstream Clients in Global Market

Table 87. Bio-based Carbon Material Distributors and Sales Agents in Global Market

## List Of Figures

### LIST OF FIGURES

Figure 1. Bio-based Carbon Material Segment by Type

Figure 2. Bio-based Carbon Material Segment by Application

Figure 3. Global Bio-based Carbon Material Market Overview: 2021

Figure 4. Key Caveats

Figure 5. Global Bio-based Carbon Material Market Size: 2021 VS 2028 (US\$, Mn)

Figure 6. Global Bio-based Carbon Material Revenue, 2017-2028 (US\$, Mn)

Figure 7. Bio-based Carbon Material Sales in Global Market: 2017-2028 (Kiloton)

Figure 8. The Top 3 and 5 Players Market Share by Bio-based Carbon Material Revenue in 2021

Figure 9. By Type - Global Bio-based Carbon Material Sales Market Share, 2017-2028

Figure 10. By Type - Global Bio-based Carbon Material Revenue Market Share, 2017-2028

Figure 11. By Type - Global Bio-based Carbon Material Price (US\$/Ton), 2017-2028

Figure 12. By Application - Global Bio-based Carbon Material Sales Market Share, 2017-2028

Figure 13. By Application - Global Bio-based Carbon Material Revenue Market Share, 2017-2028

Figure 14. By Application - Global Bio-based Carbon Material Price (US\$/Ton), 2017-2028

Figure 15. By Region - Global Bio-based Carbon Material Sales Market Share, 2017-2028

Figure 16. By Region - Global Bio-based Carbon Material Revenue Market Share, 2017-2028

Figure 17. By Country - North America Bio-based Carbon Material Revenue Market Share, 2017-2028

Figure 18. By Country - North America Bio-based Carbon Material Sales Market Share, 2017-2028

Figure 19. US Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2028

Figure 20. Canada Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2028

Figure 21. Mexico Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2028

Figure 22. By Country - Europe Bio-based Carbon Material Revenue Market Share, 2017-2028

Figure 23. By Country - Europe Bio-based Carbon Material Sales Market Share, 2017-2028

Figure 24. Germany Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2028



Figure 25. France Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2028

Figure 26. U.K. Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2028

Figure 27. Italy Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2028

Figure 28. Russia Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2028

Figure 29. Nordic Countries Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2028

Figure 30. Benelux Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2028

Figure 31. By Region - Asia Bio-based Carbon Material Revenue Market Share, 2017-2028

Figure 32. By Region - Asia Bio-based Carbon Material Sales Market Share, 2017-2028

Figure 33. China Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2028

Figure 34. Japan Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2028

Figure 35. South Korea Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2028

Figure 36. Southeast Asia Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2028

Figure 37. India Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2028

Figure 38. By Country - South America Bio-based Carbon Material Revenue Market Share, 2017-2028

Figure 39. By Country - South America Bio-based Carbon Material Sales Market Share, 2017-2028

Figure 40. Brazil Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2028

Figure 41. Argentina Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2028

Figure 42. By Country - Middle East & Africa Bio-based Carbon Material Revenue Market Share, 2017-2028

Figure 43. By Country - Middle East & Africa Bio-based Carbon Material Sales Market Share, 2017-2028

Figure 44. Turkey Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2028

Figure 45. Israel Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2028

Figure 46. Saudi Arabia Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2028

Figure 47. UAE Bio-based Carbon Material Revenue, (US\$, Mn), 2017-2028

Figure 48. Global Bio-based Carbon Material Production Capacity (Kiloton), 2017-2028

Figure 49. The Percentage of Production Bio-based Carbon Material by Region, 2021 VS 2028

Figure 50. Bio-based Carbon Material Industry Value Chain

Figure 51. Marketing Channels

## I would like to order

Product name: Bio-based Carbon Material Market, Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/B0B923F299A8EN.html>

Price: US\$ 3,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/B0B923F299A8EN.html>