

Global Natural Fiber Composites Market Size study & Forecast, by Fiber Type (Wood, Cotton, Flax, Kenaf, Hemp, Others) by Technology (Injection Molding, Compression Molding, Others), by Application (Automotive, Electronics, Construction, Others) and Regional Analysis, 2023-2030

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Abstracts

Global Natural Fiber Composites Market is valued approximately USD XXX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. Natural fiber composites (NFCs) are composite materials made from natural fibers such as wood, bamboo, flax, hemp, sisal, jute, kenaf, and coconut fibers, among others, and a polymeric matrix. They offer several advantages over traditional synthetic fiber composites, such as being renewable, biodegradable, cost-effective, and lightweight. NFCs are used in a wide range of applications, including automotive, construction, packaging, and consumer goods. For example, in the automotive industry, NFCs are used for interior components such as door panels and seat backs to reduce weight and improve sustainability. In construction, NFCs are used for decking, cladding, and roofing materials. The properties of NFCs can be improved by various methods, such as chemical treatments, mechanical processing, and the addition of nanomaterials. These modifications can enhance the strength, stiffness, and durability of the composite material. The key factor driving the market growth is rising demand from the automotive industry, and growing demand for bio-based composite materials owing to rising environmental concern, that anticipated to create the lucrative demand for the market during forecast period.

Moreover, the natural fiber composites offer an attractive solution for automakers looking for lightweight materials as they are made from renewable resources, have a

lower carbon footprint, and can offer comparable strength and stiffness to traditional materials like fiberglass and carbon fiber composites. Thus, the rising automotive industry is anticipated to create the lucrative demand for the natural fiber composites owing rising its application in automotive sector. According to Statista, in 2020, the size of global automotive manufacturing industry was USD 2.71 trillion and the number increased significantly and reached USD 2.95 trillion in 2022. As a result, the rising automotive industry is projected to create the lucrative demand for the market. Additionally, rising use of natural fiber composites is anticipated to create the lucrative opportunity for the market during forecast period. However, the stringent regulations on wood composite products stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Natural Fiber Composites Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the presence of key market players, growing demand for biodegradable and lightweight products from the automotive industry, and rising demand in the construction industry in the region. Asia Pacific is expected to grow significantly during the forecast period, owing to factors such as rapid industrialization, rising disposable income and growing automotive and construction industry in the region is anticipated to support the market growth.

Major market player included in this report are:

Bcomp Ltd.

DuPont

Green Dot Bioplastics Inc.

JELU-WERK Josef Ehrler GmbH & Co. KG

Ehrler GmbH & Co. KG,

Lingrove Inc

Plasthill Oy

Polyvlies

Procotex

TECNARO GMBH

Recent Developments in the Market:

In October 2021, Mayco International and Green Dot Bioplastics Inc. are collaborated to acquire trim and scrap fibres for Natural Fibre Reinforced Plastic (NFRP), providing a sustainable alternative for waste produced during the production of automobile components.

Global Natural Fiber Composites 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 - Fiber Type, Technology, 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 Fiber Type:

Wood

Cotton

Flax

Kenaf

Hemp

Others

By Technology:

Injection Molding

Compression Molding

Others

By Application:

Automotive

Electronics

Construction

Others

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. Natural Fiber Composites Market, by Region, 2020-2030 (USD Billion)
 - 1.2.2. Natural Fiber Composites Market, by Fiber Type, 2020-2030 (USD Billion)
 - 1.2.3. Natural Fiber Composites Market, by Technology, 2020-2030 (USD Billion)
 - 1.2.4. Natural Fiber Composites Market, by Application, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL NATURAL FIBER COMPOSITES 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 NATURAL FIBER COMPOSITES MARKET DYNAMICS

- 3.1. Natural Fiber Composites Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Rising demand from the automotive industry,
 - 3.1.1.2. Growing demand for bio-based composite materials
 - 3.1.2. Market Challenges
 - 3.1.2.1. Stringent regulations on wood composite products
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Rising use of natural fiber composites

CHAPTER 4. GLOBAL NATURAL FIBER COMPOSITES 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 NATURAL FIBER COMPOSITES MARKET, BY FIBER TYPE

- 5.1. Market Snapshot
- 5.2. Global Natural Fiber Composites Market by Fiber Type, Performance - Potential Analysis
- 5.3. Global Natural Fiber Composites Market Estimates & Forecasts by Fiber Type 2020-2030 (USD Billion)
- 5.4. Natural Fiber Composites Market, Sub Segment Analysis
 - 5.4.1. Wood
 - 5.4.2. Cotton
 - 5.4.3. Flax
 - 5.4.4. Kenaf
 - 5.4.5. Hemp
 - 5.4.6. Others

CHAPTER 6. GLOBAL NATURAL FIBER COMPOSITES MARKET, BY TECHNOLOGY

- 6.1. Market Snapshot

6.2. Global Natural Fiber Composites Market by Technology, Performance - Potential Analysis

6.3. Global Natural Fiber Composites Market Estimates & Forecasts by Technology 2020-2030 (USD Billion)

6.4. Natural Fiber Composites Market, Sub Segment Analysis

6.4.1. Injection Molding

6.4.2. Compression Molding

6.4.3. Others

CHAPTER 7. GLOBAL NATURAL FIBER COMPOSITES MARKET, BY APPLICATION

7.1. Market Snapshot

7.2. Global Natural Fiber Composites Market by Application, Performance - Potential Analysis

7.3. Global Natural Fiber Composites Market Estimates & Forecasts by Application 2020-2030 (USD Billion)

7.4. Natural Fiber Composites Market, Sub Segment Analysis

7.4.1. Automotive

7.4.2. Electronics

7.4.3. Construction

7.4.4. Application

CHAPTER 8. GLOBAL NATURAL FIBER COMPOSITES MARKET, REGIONAL ANALYSIS

8.1. Top Leading Countries

8.2. Top Emerging Countries

8.3. Natural Fiber Composites Market, Regional Market Snapshot

8.4. North America Natural Fiber Composites Market

8.4.1. U.S. Natural Fiber Composites Market

8.4.1.1. Fiber Type breakdown estimates & forecasts, 2020-2030

8.4.1.2. Technology breakdown estimates & forecasts, 2020-2030

8.4.1.3. Application breakdown estimates & forecasts, 2020-2030

8.4.2. Canada Natural Fiber Composites Market

8.5. Europe Natural Fiber Composites Market Snapshot

8.5.1. U.K. Natural Fiber Composites Market

8.5.2. Germany Natural Fiber Composites Market

8.5.3. France Natural Fiber Composites Market

- 8.5.4. Spain Natural Fiber Composites Market
- 8.5.5. Italy Natural Fiber Composites Market
- 8.5.6. Rest of Europe Natural Fiber Composites Market
- 8.6. Asia-Pacific Natural Fiber Composites Market Snapshot
 - 8.6.1. China Natural Fiber Composites Market
 - 8.6.2. India Natural Fiber Composites Market
 - 8.6.3. Japan Natural Fiber Composites Market
 - 8.6.4. Australia Natural Fiber Composites Market
 - 8.6.5. South Korea Natural Fiber Composites Market
 - 8.6.6. Rest of Asia Pacific Natural Fiber Composites Market
- 8.7. Latin America Natural Fiber Composites Market Snapshot
 - 8.7.1. Brazil Natural Fiber Composites Market
 - 8.7.2. Mexico Natural Fiber Composites Market
- 8.8. Middle East & Africa Natural Fiber Composites Market
 - 8.8.1. Saudi Arabia Natural Fiber Composites Market
 - 8.8.2. South Africa Natural Fiber Composites Market
 - 8.8.3. Rest of Middle East & Africa Natural Fiber Composites Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. Company
 - 9.1.2. Company
 - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
 - 9.3.1. Bcomp Ltd.
 - 9.3.1.1. Key Information
 - 9.3.1.2. Overview
 - 9.3.1.3. Financial (Subject to Data Availability)
 - 9.3.1.4. Product Summary
 - 9.3.1.5. Recent Developments
 - 9.3.2. DuPont
 - 9.3.3. Green Dot Bioplastics Inc.
 - 9.3.4. JELU-WERK Josef Ehrler GmbH & Co. KG
 - 9.3.5. Ehrler GmbH & Co. KG,
 - 9.3.6. Lingrove Inc
 - 9.3.7. Plasthill Oy
 - 9.3.8. Polyvlies

9.3.9. Procotex

9.3.10. TECNARO GMBH

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 Natural Fiber Composites Market, report scope
- TABLE 2. Global Natural Fiber Composites Market estimates & forecasts by Region 2020-2030 (USD Billion)
- TABLE 3. Global Natural Fiber Composites Market estimates & forecasts by Fiber Type 2020-2030 (USD Billion)
- TABLE 4. Global Natural Fiber Composites Market estimates & forecasts by Technology 2020-2030 (USD Billion)
- TABLE 5. Global Natural Fiber Composites Market estimates & forecasts by Application 2020-2030 (USD Billion)
- TABLE 6. Global Natural Fiber Composites Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 7. Global Natural Fiber Composites Market by region, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 8. Global Natural Fiber Composites Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 9. Global Natural Fiber Composites Market by region, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 10. Global Natural Fiber Composites Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 11. Global Natural Fiber Composites Market by region, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 12. Global Natural Fiber Composites Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 13. Global Natural Fiber Composites Market by region, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 14. Global Natural Fiber Composites Market by segment, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 15. Global Natural Fiber Composites Market by region, estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 16. U.S. Natural Fiber Composites Market estimates & forecasts, 2020-2030 (USD Billion)
- TABLE 17. U.S. Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)
- TABLE 18. U.S. Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 19. Canada Natural Fiber Composites Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 20. Canada Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21. Canada Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 22. UK Natural Fiber Composites Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 23. UK Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24. UK Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 25. Germany Natural Fiber Composites Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 26. Germany Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27. Germany Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 28. France Natural Fiber Composites Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 29. France Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30. France Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 31. Italy Natural Fiber Composites Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 32. Italy Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33. Italy Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 34. Spain Natural Fiber Composites Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 35. Spain Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36. Spain Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 37. RoE Natural Fiber Composites Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 38. RoE Natural Fiber Composites Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 39. RoE Natural Fiber Composites Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 40. China Natural Fiber Composites Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 41. China Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 42. China Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 43. India Natural Fiber Composites Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 44. India Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 45. India Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 46. Japan Natural Fiber Composites Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 47. Japan Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48. Japan Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 49. South Korea Natural Fiber Composites Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 50. South Korea Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51. South Korea Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 52. Australia Natural Fiber Composites Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 53. Australia Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54. Australia Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 55. RoAPAC Natural Fiber Composites Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 56. RoAPAC Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57. RoAPAC Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 58. Brazil Natural Fiber Composites Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 59. Brazil Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60. Brazil Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 61. Mexico Natural Fiber Composites Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 62. Mexico Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 63. Mexico Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 64. RoLA Natural Fiber Composites Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 65. RoLA Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 66. RoLA Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 67. Saudi Arabia Natural Fiber Composites Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 68. South Africa Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 69. RoMEA Natural Fiber Composites Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 70. List of secondary sources, used in the study of global Natural Fiber Composites Market

TABLE 71. List of primary sources, used in the study of global Natural Fiber Composites Market

TABLE 72. Years considered for the study

TABLE 73. 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 Natural Fiber Composites Market, research methodology
 - FIG 2. Global Natural Fiber Composites Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Natural Fiber Composites Market, key trends 2022
 - FIG 5. Global Natural Fiber Composites Market, growth prospects 2023-2030
 - FIG 6. Global Natural Fiber Composites Market, porters 5 force model
 - FIG 7. Global Natural Fiber Composites Market, pest analysis
 - FIG 8. Global Natural Fiber Composites Market, value chain analysis
 - FIG 9. Global Natural Fiber Composites Market by segment, 2020 & 2030 (USD Billion)
 - FIG 10. Global Natural Fiber Composites Market by segment, 2020 & 2030 (USD Billion)
 - FIG 11. Global Natural Fiber Composites Market by segment, 2020 & 2030 (USD Billion)
 - FIG 12. Global Natural Fiber Composites Market by segment, 2020 & 2030 (USD Billion)
 - FIG 13. Global Natural Fiber Composites Market by segment, 2020 & 2030 (USD Billion)
 - FIG 14. Global Natural Fiber Composites Market, regional snapshot 2020 & 2030
 - FIG 15. North America Natural Fiber Composites Market 2020 & 2030 (USD Billion)
 - FIG 16. Europe Natural Fiber Composites Market 2020 & 2030 (USD Billion)
 - FIG 17. Asia pacific Natural Fiber Composites Market 2020 & 2030 (USD Billion)
 - FIG 18. Latin America Natural Fiber Composites Market 2020 & 2030 (USD Billion)
 - FIG 19. Middle East & Africa Natural Fiber Composites Market 2020 & 2030 (USD Billion)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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