

The Composites Market 2012-2022: Glass Fibre, Carbon Fibre & Aramid Fibre

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Abstracts

Composites are becoming increasingly important in many different industries. The need to save energy is fuelling the increase of composites in aerospace sector, and in the automotive sector. The necessity to diversify away from traditional sources of energy is increasing demand for wind energy, another sector important for composites demand. Composites are also sought after in sectors dealing with corrosion and construction, as they are strong, resistant to damage and easy to install. The composites market has bright prospects ahead and as a consequence, Visiongain has determined that the value of the global composites market in 2012 will reach \$62.6bn.

Glass fibre composites are the most popular due to their cheap price and ease of manufacturing, and will remain as the largest submarket (both in volume and value) of composites throughout the forecast period. Carbon fibre composites are expensive, but favoured in demanding applications such as the aerospace and automotive industries. Strong growth prospects are forecasted as increased energy prices push manufacturers to save costs through using innovative materials. Aramid fibre composites are in demand in security and high-vibration applications, and it is predicted that new uses for aramid fibre will be developed over the forecast period. Other fibre composites and hybrids are forecasted to grow strongly, as sophisticated and purpose-built composites will become necessary for new applications.

In the North American, European and other developed markets around the world composites are becoming more complex, and increasingly high-value. While the current economic conditions are reducing investment in many industries, composites sales are expected to remain robust, and increase considerably once economic conditions improve. Emerging and developing markets in the Middle East, Africa, Asia and South America have a robust demand for composites as well. Many industries in these

countries are taking their first forays into using composites - as a consequence the composites demand in these regions is forecasted to be high. Over the long term as the industries in these regions develop and require more sophisticated composites, the global composites demand is forecasted to accelerate.

The report contains 115 tables, charts and graphs that add visual analysis in order to explain developing trends within the composites market. Visiongain provides forecasts for the period 2012-2022 in terms of value (US\$) for the global composites market, as well as for 4 submarkets of the composites market (glass fibre composites, carbon fibre composites, aramid fibre composites, other fibre / hybrid composites). In addition, 17 leading national composites markets are forecast and analysed by Visiongain over the period 2012-2022. The report also provides profiles of 17 leading companies operating within the market, and includes 3 exclusive interviews with principal composites companies, providing expert insight alongside Visiongain analysis.

Unique Selling Points

Comprehensive analysis of the prospects for the composites market from 2012-2022.

Analysis and forecasting informed by extensive expert consultation with industry leaders. You will be able to read full transcripts of interviews from 3 leading companies involved within the composites market.

115 tables, charts and graphs that quantify, analyse and forecast the changing dynamics of the composites market between 2012-2022.

Forecasts and analysis for the global composites market between 2012-2022

Forecasts and analysis for 4 composites submarkets by fibre type from 2012-2022.

Forecasts and analysis for 17 leading national composites markets, as well as rest of the world figures and projections for the period 2012-2022

Analysis of the forces that influence and characterise the composites market

Profiles of 17 leading companies operating within the composites market.

Methodology

This report has been compiled by combining information obtained from a very wide and rich mixture of primary and secondary research sources, producing a broad industry overview. Visiongain sought opinions from leading figures in the composites market to underpin the analysis of market drivers and restraints. The study draws on a diverse range of official corporate and governmental announcements, media reports, policy documents, industry statements and expert opinion as a basis for discussing and predicting developments in the composites market between 2012 and 2022. Visiongain considers that this methodology results in an accurate, objective mixture of analyses and forecasts.?

Why you should buy **The Composites Market 2012-2022: Glass Fibre, Carbon Fibre & Aramid Fibre**

You will gain an understanding of the composites market and learn how it will evolve over the next decade, with detailed global sales forecasts from 2012 to 2022.

You will receive national sales forecasts for the 17 largest composites markets for 2012-2022, and gain insight into the specific market drivers and restraints in each national market.

Australia

Brazil

Canada

China

France

Germany

India

Indonesia

Italy

Japan

Poland

Russia

Spain

South Korea

Thailand

UK

US

The forecasts and analysis are underpinned by extensive expert consultation. Transcripts of three original interviews are included within the report with expert insight from:

3A Composites, sandwich composites materials producer,

DSM composite Resins; manufacturer and developer of resins for composites,

A composite reinforcement manufacturer

You will be able to study 116 tables, charts and graphs quantifying the composites market in detail over the period 2012-2022.

You will gain knowledge of who the leading players are within the composites marketplace.

You will receive a SWOT analysis for strengths, weaknesses, opportunities and threats to the composites market from 2012 onwards.

You will be able to understand the future prospects for different composites and

the market prospects in different world regions

What is the structure of the report?

Chapter 1 is an executive summary

Chapter 2 introduces composites markets. It discusses what composites are, what the differences between different types of matrices and fibres are, and in what kind of applications the different kinds of composites are used.

Chapter 3 introduces the global market for composites and analyses geographical trends in the global composites markets.

Chapter 4 analyses and forecasts the growth of the composites submarkets by fibre type - glass fibre composites, carbon fibre composites, aramid fibre composites and other fibre / hybrid composites markets.

Chapter 5 discusses and forecasts the growth of the 17 leading national markets in the global composites industry.

Chapter 6 identifies and examines the major issues affecting composites markets. The chapter includes a SWOT analysis of the composites markets, discussing the strengths, weaknesses, opportunities and threats in the composites markets. The chapter explains the impact of phenomena such as increased energy prices, recycling initiatives and renewable energy demand.

Chapter 7 includes three full transcripts of exclusive visiongain interviews with leading companies in the global composites industry. This interview includes insight into the key developments and market growth potential of composites.

Chapter 8 identifies and discusses the leading companies in the composites market and provides key information on these companies.

Chapter 9 is a summary of the report, highlighting central conclusions and data from visiongain's research and analysis.

Chapter 10 provides a glossary for the reader.

You can order this report today

Anybody with an interest in the composites market should gain valuable information and insight from this new study by visiongain, which analyses one of the most exciting markets in the composites market. Aerospace, defence, automotive, oil and gas, and wind energy sectors offer substantial business and investment opportunities for composites producers in several key regional markets.

The Composites Market 2012-2022: Glass Fibre, Carbon Fibre & Aramid Fibre report will be valuable both to those already involved in the composites market and those wishing to enter the market in the future. Gain an understanding of how to tap into the potential of this market by ordering The Composites Market 2012-2022: Glass Fibre, Carbon Fibre & Aramid Fibre

Contents

1. EXECUTIVE SUMMARY

- 1.1 Composites Market Overview
- 1.2 Benefits of this Report
- 1.3 Highlights of this Report
- 1.4 Whom is the Report for?
- 1.5 Methods
- 1.6 Overview of the Report
- 1.7 The Global Composites Market 2012-2022
- 1.8 The Leading National Composites Markets 2012-2022
- 1.9 Composites Submarkets by Fibre Type 2012-2022

2. INTRODUCTION TO THE COMPOSITES MARKET

- 2.1 Definition of the Composites Market
- 2.2 What Are Composites?
 - 2.2.1 What Are Composites Used In?
- 2.3 Fibres
 - 2.3.1 Carbon
 - 2.3.2 Glass
 - 2.3.3 Aramid
 - 2.3.4 Other Common Fibres
- 2.4 Matrixes
 - 2.4.1 Polymer Matrix Composite (PMC)
 - 2.4.2 Metal Matrix Composite (MMC)
 - 2.4.3 Ceramic Matrix Composites (CMC)
- 2.5 Laminates
- 2.6 Composites Industry Participants

3. GLOBAL COMPOSITES MARKET 2012-2022

- 3.1 Global Composites Market Forecast 2012-2022
- 3.2 Geographical Analysis of the Global Composites Market
 - 3.2.1 Europe: Composites Market Analysis
 - 3.2.2 North America: Composites Market Analysis
 - 3.2.3 Latin America: Composites Market Analysis
 - 3.2.4 Asia-Pacific: Composites Market Analysis

3.2.5 Middle East and Africa: Composites Market Analysis

4. SUB-MARKETS OF THE COMPOSITES MARKET BY FIBRE TYPE

4.1 Glass Fibre Composites Market Forecast 2012-2022

4.2 Carbon Fibre Composites Market Forecast 2012-2022

4.3 Aramid Fibre Composites Market Forecast 2012-2022

4.4 Other Fibre Composites Market Forecast 2012-2022

5. LEADING NATIONAL COMPOSITES MARKETS

5.1 US Composites Market Forecast 2012-2022

5.2 Chinese Composites Market 2012-2022

5.3 Japanese Composites Market Forecast 2012-2022

5.4 German Composites Market Forecast 2012-2022

5.5 Indian Composites Market Forecast 2012-2022

5.6 French Composites Market Forecast 2012-2022

5.7 UK Composites Market Forecast 2012-2022

5.8 Italian Composites Market Forecast 2012-2022

5.9 Russian Composites Market Forecast 2012-2022

5.10 Canadian Composites Market Forecast 2012-2022

5.11 Brazilian Composites Market Forecast 2012-2022

5.12 Spanish Composites Market Forecast 2012-2022

5.13 Australian Composites Market Forecast 2012-2022

5.14 South Korean Composites Market Forecast 2012-2022

5.15 Indonesian Composites Market Forecast 2012-2022

5.16 Polish Composites Market Forecast 2012-2022

5.17 Thai Composites Market Forecast 2012-2022

5.18 ROW Composites Market Forecast 2012-2022

6. SWOT ANALYSIS OF THE COMPOSITES MARKET 2012-2022

6.1 Strengths in the Composites Market

6.1.1 Unique Characteristics of Different Composites

6.1.2 Performance per Weight Makes Composites Attractive

6.2 Weaknesses in the Composites Market

6.2.1 Difficult to Recycle

6.2.2 Expensive to Manufacture

6.2.3 Potential for Catastrophic Failure

6.3 Opportunities in the Composites Market

6.3.1 Light-Weight Composites Benefit as Energy Prices Increase

6.3.2 Renewable Energy Becoming More Popular

6.4 Threats in the Composites Market

6.4.1 Composites Not Well Understood

6.4.2 Regulations Reducing Composites Usage

7. EXPERT OPINION

7.1 Thomas Wegman, Marketing Manager, DSM Composite Resins

7.1.1 Consumer Needs Driving the Composite Market

7.1.2 Further Optimisation and Improvements in Sustainability and Performance Expected

7.1.3 Sustainability and Functionality the Key Challenges

7.1.4 Composites Enable Reliable Performance and Service

7.1.5 Composite Industry Needs to Evolve to a Higher Level

7.1.6 Volume Growth in Emerging Markets, Quality-Driven Growth in Advanced Countries

7.1.7 Growth Potential in Composites Market

7.2 Industry Expert, 3A Composites

7.2.1 Light-Weight of Composites the Competitive Edge

7.2.2 Development Towards Green Aspects of Composites

7.2.3 Continuous Innovation Crucial for Composites Future Prospects

7.2.4 Light-Weight of Composites a Driver of Composites Markets

7.2.5 There May Be Initial Resistance to Using Composites in Some Industries

7.2.6 Growth Prospects in Different Geographical Regions

7.2.7 Composites Market Growth Rates

7.3 Industry Expert, Composite Reinforcement Manufacturer

7.3.1 Key Trends in Processing Composite Materials

7.3.2 Developments in the Manufacturing of Composite Materials

7.3.3 Challenges in Recycling and Raw Material Prices

7.3.4 Lightweight Products Driving the Market

7.3.5 Outdated Regulations Restraining Composite Markets

7.3.6 Growth Across the Board

7.3.7 Opinion on Growth Rates

8. LEADING COMPANIES IN THE COMPOSITES MARKET

8.1 Bombardier

- 8.2 Cytec Industries Incorporated
- 8.3 DuPont
- 8.4 GKN Aerospace
- 8.5 Gurit Holding AG
- 8.6 Hexcel Corporation
- 8.7 Huntsman Advanced Materials
- 8.8 Lola Group
- 8.9 Mitsubishi Rayon Co. Ltd.
- 8.10 PPG Industries
- 8.11 Saertex
- 8.12 Scott Bader
- 8.13 SGL Group

8. 14 SIGMATEX

- 8.15 Teijin Ltd.
- 8.16 Toray Industries Incorporated
- 8.17 Umeco Plc

9. CONCLUSIONS

- 9.1 The Growth of the Global Composites Market
- 9.2 Composites Markets by Fibre Submarket Growth
- 9.3 Leading 12 National Composites Markets Growth
- 9.4 The Future of the Global Composites Market

10. GLOSSARY

LIST OF TABLES

- Table 3.1 Global Composites Market Forecast 2012-2022 (\$bn, AGR%)
- Table 3.2 Global Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022
- Table 4.1 Composites by Fibre Type Submarket Forecast 2012-2022 (\$bn, AGR %)
- Table 4.2 Composites by Fibre Type Submarket Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022
- Table 4.3 Glass Fibre Composites Market Forecast 2012-2022 (\$bn, AGR %)
- Table 4.4 Glass Fibre Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.5 Carbon Fibre Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 4.6 Carbon Fibre Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.7 Aramid Fibre Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 4.8 Aramid Fibre Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 4.9 Other Fibre / Hybrid Market Forecast 2012-2022 (\$bn, AGR %)

Table 4.10 Other Fibre / Hybrid Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 5.1 Leading National Composites Markets Forecast 2012-2022 (\$bn, AGR %)

Table 5.2 US Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 5.3 US Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 5.4 US Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 5.5 Chinese Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 5.6 Chinese Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 5.7 Chinese Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 5.8 Japanese Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 5.9 Japanese Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 5.10 Japanese Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 5.11 German Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 5.12 German Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 5.13 German Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 5.14 Indian Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 5.15 Indian Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 5.16 Indian Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 5.17 French Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 5.18 French Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 5.19 French Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

2017-2022

Table 5.20 UK Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 5.21 UK Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 5.22 UK Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 5.23 Italian Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 5.24 Italian Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 5.25 Italian Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 5.26 Russian Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 5.27 Russian Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 5.28 Russian Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 5.29 Canadian Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 5.30 Canadian Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 5.31 Canadian Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 5.32 Brazilian Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 5.33 Brazilian Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 5.34 Brazilian Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 5.35 Spanish Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 5.36 Spanish Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 5.37 Spanish Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 5.38 Australian Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 5.39 Australian Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 5.40 Australian Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 5.41 South Korean Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 5.42 South Korean Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 5.43 South Korean Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 5.44 Indonesian Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 5.45 Indonesian Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 5.46 Indonesian Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 5.47 Polish Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 5.48 Polish Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 5.49 Polish Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 5.50 Thai Composites Market Forecast Summary 2012, 2017 and 2022 (\$bn, Rank, % Share, CAGR %, Cumulative)

Table 5.51 Thai Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 5.52 Thai Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 5.53 ROW Composites Market Forecast 2012-2022 (\$bn, AGR %)

Table 5.54 ROW Composites Market Forecast CAGR (%) 2012-2022, 2012-2017, and 2017-2022

Table 6.1 SWOT Analysis of the Composites Market 2012-2022

Table 8.1 Other Notable Companies in the Composites Market

List Of Figures

LIST OF FIGURES

- Figure 3.1 Global Composites Market Forecast 2012-2022 (\$bn)
- Figure 4.1 Composites by Fibre Type Submarket Share 2012 (%)
- Figure 4.2 Composites by Fibre Type Submarket Share 2017 (%)
- Figure 4.3 Composites by Fibre Type Submarket Share 2022 (%)
- Figure 4.4 Composites by Fibre Type Submarket Forecast 2012-2022 (\$bn)
- Figure 4.5 Glass Fibre Composites Market Forecast 2012-2022 (\$bn)
- Figure 4.6 Carbon Fibre Composites Market Forecast 2012-2022 (\$bn)
- Figure 4.7 Aramid Fibre Composites Market Forecast 2012-2022 (\$bn)
- Figure 4.8 Other Fibre / Hybrid Market Forecast 2012-2022 (\$bn)
- Figure 5.1 Leading 12 National Composites Markets Share Forecast 2012 (%)
- Figure 5.2 Leading 12 National Composites Markets Share Forecast 2017 (%)
- Figure 5.3 Leading 12 National Composites Markets Share Forecast 2022 (%)
- Figure 5.4 Leading 12 National Composites Markets Forecast 2012-2022 (\$bn)
- Figure 5.5 US Composites Market Share Forecast 2012, 2017 and 2022 (% Share)
- Figure 5.6 US Composites Market Forecast 2012-2022 (\$bn)
- Figure 5.7 Chinese Composites Market Share Forecast 2012, 2017 and 2022 (% Share)
- Figure 5.8 Chinese Composites Market Forecast 2012-2022 (\$bn)
- Figure 5.9 Japanese Composites Market Share Forecast 2012, 2017 and 2022 (% Share)
- Figure 5.10 Japanese Composites Market Forecast 2012-2022 (\$bn)
- Figure 5.11 German Composites Market Share Forecast 2012, 2017 and 2022 (% Share)
- Figure 5.12 German Composites Market Forecast 2012-2022 (\$bn)
- Figure 5.13 Indian Composites Market Share Forecast 2012, 2017 and 2022 (% Share)
- Figure 5.14 Indian Composites Market Forecast 2012-2022 (\$bn)
- Figure 5.15 French Composites Market Share Forecast 2012, 2017 and 2022 (% Share)
- Figure 5.16 French Composites Market Forecast 2012-2022 (\$bn)
- Figure 5.17 UK Composites Market Share Forecast 2012, 2017 and 2022 (% Share)
- Figure 5.18 UK Composites Market Forecast 2012-2022 (\$bn)
- Figure 5.19 Italian Composites Market Share Forecast 2012, 2017 and 2022 (% Share)
- Figure 5.20 Italian Composites Market Forecast 2012-2022 (\$bn)
- Figure 5.21 Russian Composites Market Share Forecast 2012, 2017 and 2022 (% Share)
- Figure 5.22 Russian Composites Market Forecast 2012-2022 (\$bn)
- Figure 5.23 Canadian Composites Market Share Forecast 2012, 2017 and 2022 (%)

Share)

Figure 5.24 Canadian Composites Market Forecast 2012-2022 (\$bn)

Figure 5.25 Brazilian Composites Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 5.26 Brazilian Composites Market Forecast 2012-2022 (\$bn)

Figure 5.27 Spanish Composites Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 5.28 Spanish Composites Market Forecast 2012-2022 (\$bn)

Figure 5.29 Australian Composites Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 5.30 Australian Composites Market Forecast 2012-2022 (\$bn)

Figure 5.31 South Korean Composites Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 5.32 South Korean Composites Market Forecast 2012-2022 (\$bn)

Figure 5.32 Indonesian Composites Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 5.33 Indonesian Composites Market Forecast 2012-2022 (\$bn)

Figure 5.34 Polish Composites Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 5.35 Polish Composites Market Forecast 2012-2022 (\$bn)

Figure 5.36 Thai Composites Market Share Forecast 2012, 2017 and 2022 (% Share)

Figure 5.37 Thai Composites Market Forecast 2012-2022 (\$bn)

Figure 5.38 ROW Composites Market Forecast 2012-2022 (\$bn)

COMPANIES LISTED

3A Composites

3B - The Fibreglass Company

3D Systems Corp

3M

Aberforth

Advanced Composites Group

AgustaWestland

AGY (Advanced Glassfiber Yarns)

Ahlstrom

Airbus

Aircelle

Airtech Europe

Alcan Composites

Alenia

Amber Composites
ASL Aircraft Services GmbH
Attwater Group
AVIC Commercial Aircraft
Avio
BAE Systems
Balseurop
BASF
Bayer Material Science
Bentleys
BlackRock
Bluestar Fibres
Boeing
Bombardier
Bombardier Aerospace
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Brookhouse
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CCP Composites
Chrysler
Colpisa
Coriolis Composites
Cornerstone Chemical Company
Cray Valley
Cristex
Cytac Industries Incorporated
Daihatsu
Danisco
DIAB Group
Dow Chemical Company
Dowty Propellers
DSM
DSM Coating Resins
DSM Composite Resins
DSM Dyneema
DSM Engineering Plastics
DSM Resins
DuPont
Dyrup

Eurocopter
European Aeronautic Defence and Space Company (EADS)
Euroresins
Filton
Fisipe
Foamalite Ltd
Formax
Gazechim Composites
GE
GKN
GKN Aerospace
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Green Marine
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Gurit Holding AG
Henkel
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Hexcel Corporation
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Honda
Honeywell
Huntsman Advanced Materials
Innegra Technologies
Innovalight Inc.
IPM
JD Lincoln
Korea Aerospace Industry
Lamborghini
Liquid Packaging Systems
Lockheed Martin
Lola Cars
Lola Composites
Lola Group
Lola Special Projects
Matrasur Composites
Mercedes-Benz
MG
MicroBiopharm Japan
Mitsubishi Chemical Holdings Corporation

Mitsubishi Rayon Co. Ltd.
Mitsui & Co. Ltd.
Momentive Specialty Chemicals
MTU
Nippon Graphite Fiber Corporation
Nissan
Norco GRP
Northrop Grumman
NP Aerospace
Park Electrochemical Corporation
Porsche
PowerBlades GmbH.
PPG Fiber Glass
PPG Glass
PPG Industries
Pratt & Whitney
PRF Composite Materials
Pultrux
Quickstep Technologies
Richmond Aerovac
Richmond Aircraft Products
Roctool
Saertex
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Saudi Basic Industries Corporation
Scott Bader
SGL Carbon
SGL Group
Sigmatex
Sikorsky
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SOFICAR
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Spirit AeroSystems
Suzlon Energy Ltd
Suzuki
Teijin Group
Teijin Ltd.
Ten Cate Advanced Composites

Toho Tenax Co. Ltd.
Toho Tenax Europe
Toray Carbon Fibers Europe S.A.
Toray Industries Incorporated
Toyota
Umeco Plc
Wacker Chemie
Zoltek

GOVERNMENT AGENCIES AND OTHER ORGANISATIONS MENTIONED IN THIS REPORT

Brazilian Wind Power Trade Association
Canadian Wind Energy Association
Chinese Meteorology Research Institute
Department of Defense, US
European Union
FIDAMC, The Composites Research, Development and Application Centre
Indonesian Automobile Industry Association
Italian Aerospace Research Centre
National Toxicology Program
Ministry of Defence, UK
Moskvich Innovation Centre
Technology Strategy Board, UK
TEDAE, Spanish Association for Defense, Aeronautics and Space Technologies
Transport, Construction and Maritime Economy Ministry (Poland)
U.S. Congress
University of Nottingham
US Department of Energy
US Green Building Council

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