

# Global Carbon Fibre Reinforced Plastics (CFRP) Composites Market 2013-2023

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### **Abstracts**

Visiongain's new report reveals that the global carbon fibre reinforced plastic (CFRP) composites market will show considerable promise over 2013-2023. The emerging markets are expected to experience growth partly due to the immaturity of the market, combined with favourable economic conditions. The concept of renewable energy is also expected to increase in prominence in some regions and will play a part in galvanizing CFRP composites growth. Competition is likely to increase in these regions due to low production costs, and the influx of multinationals. This will have the added benefit of reducing the costs associated with CFRP and thus will increase the material's competitiveness. The developed markets will experience more modest growth, but the concept of sustainability will be important and will play a large role in driving the market. Visiongain has determined that the value of the global CFRP composites market in 2013 will reach \$20.68bn.

#### What makes this report unique?

Visiongain consulted with a wide range of industry experts and 2 full transcripts from these exclusive interviews are included in the report from leading companies Gurit and SGL Carbon. As such, our reports have a unique blend of primary and secondary sources providing informed opinion. This approach allows insight into the key drivers and restraints in the global CFRP composites market, as well as identifying the pertinent issues. The report also presents a unique blend of qualitative analysis combined with extensive quantitative data including global, submarket and national markets forecasts from 2013-2023 - highlighting key business opportunities.

Why you should buy Global Carbon Fibre Reinforced Plastics (CFRP) Composites Market 2013-2023



| 160 pages   |
|---|
| 2 Visiongain interviews with leading industry experts  Gurit              |
| SGL carbon  |
| 138 tables, charts, and graphs  |
| Global CFRP composites market forecasts between 2013-2023                 |
| 6 CFRP composites submarket forecasts from 2013-2023 Aerospace            |
| Automotive  |
| Wind  |
| Sports Equipment  |
| Other Consumer  |
| Industrial  |
| 20 leading national CFRP composites market forecasts between 2013-2023 US |
| China   |
| Japan   |
| Germany   |
| India   |
| France  |



| UK  |  |  |
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| Poland  |  |  |
| Thailand  |  |  |
| Sweden  |  |  |
| Denmark   |  |  |
| Saudi Arabia  |  |  |
| RoW   |  |  |
| A barriers to entry analysis for each of the national markets |  |  |
| A SWOT analysis   |  |  |
| 17 leading companies identified and profiled - AKSA           |  |  |

**Amber Composites** 



| Crosby Composites            |
|------------------------------|
| Cytec                        |
| Formosa Plastics Corp        |
| GKN Aerospace                |
| Gurit                        |
| Hexcel                       |
| Mitsubishi Plastics Inc      |
| Mitsubishi Rayon             |
| Nippon Graphite Fiber        |
| Plasan Carbon Composites     |
| SGL Carbon                   |
| Ten Cate Advanced Composites |
| Toho Tenax                   |
| Toray                        |
| Zoltek                       |
|                              |

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Gain an understanding of how to tap into the potential of this market by ordering Global Carbon Fibre Reinforced Plastics (CFRP) Composites Market 2013-2023.



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Figure 8.1 Leading 17 Companies in the CFRP Composites Market Share 2013 (% share)

#### **COMPANIES LISTED**

**AB Volvo** 

AgustaWestland

Airbus

**AKSA** 

**AIROD** 

Alenia

Alpolic

**Amber Composites** 

ASL Aircraft Services GmbH

**BAE Systems** 

Balseurop



**BMW** 

Boeing

Bombardier

Braden Partners L.P.

**Crosby Composites** 

Cytec

Daimler AG

Dr. Schnabel GmbH & Co.KG

**DuPont** 

**ELG Haniel GmbH** 

Emas Kiara Industries Berhad

Embraer

**Envision** 

epo GmbH

Eurocopter

European Aeronautic Defence and Space Company (EADS)

Fisipe Fibras Sintéticas de Portugal S.A Ford

Ford

Formosa Plastics Corp

FuturEnergy

**GE Engine Service** 

General Electric (GE)

General Motors (GM)

**GH Craft Ltd** 

**GKN** Aerospace

**GKN** Driveline

**GKN Land Systems** 

**GKN Plc** 

**GKN Powder Metallurgy** 

Gurit

Hexcel

Holden

**Holding Company Composite** 

Honda

Honeywell

Hyosung (Gyeonggi-do, Korea)

Integran Technologies Inc.

Korea Aerospace Industries (KAI)

Lamborghini



Lockheed Martin

Malaysia Aeronautic Engineering (MAE)

Marstom Composite AB Company

Metal Mate

MicroBiopharm Japan

Mitsubishi Chemical Holdings Corporation

Mitsubishi Heavy Industries

Mitsubishi Plastics Inc

Mitsubishi Rayon

Mitsui & Co. Ltd.

Montefibre S.p.A.

MTU

NanoGram Corporation

Nippon Graphite Fiber

Northrop Grumman Corporation

Performance Materials Corporation (PMC) Baycomp

PowerBlades GmbH

Pratt & Whitney

Quadrant AG

Quickstep Composites LLC

Quickstep Holdings Ltd

**Quickstep Technologies** 

Recycled Carbon Fibre Ltd.

Rosatom

**SABIC** 

SGL Carbon

SGL Group

Sikorsky

Sino Composite

**SOFICAR** 

Star Orechem International Private Limited (SOIL)

Suzuki

**Team Dynamics Motorsport** 

Teijin

Teijin Composites Innovation Center (TCIC)

Teijin Group

Teleflex Aerospace Manufacturing Group (TAMG)

**TenCate Advanced Composites** 

TenCate Geosynthetics



TenCate Protection Systems

The Dow Chemical Company

The Honda Yuasa Racing Team British Touring Cars

Toho Tenax Co. Ltd.,

Toray Carbon Fibres Europe S.A.

**Toray Industries** 

Toyota

Umeco Plc

**Vector Composites** 

Vestas Blades

Volkswagen

Volvo Aero

Zoltek

# GOVERNMENT AGENCIES AND OTHER ORGANISATIONS MENTIONED IN THIS REPORT

Australian Future Fibres Research & Innovation Centre (AFFRIC)

Brazilian Wind Power Trade Association

Canadian Composites Manufacturing Research and Development (CCMRD) consortium

Canadian Wind Energy Association

Chinese Meteorology Research Institute

Deakin University of Melbourne

Federal Aviation Administration (FAA)

Indonesian Automobile Industry Association

Italian Aerospace Research Centre

Lisbon Stock Exchange

Massachusetts Institute of Technology (MIT)

Moskvich Innovation Centre

Swedish Ministry of Defence (MoD)

Swedish Navy

Oak Ridge National Laboratory

SAMPE (Society for the Advancement of Material and Process Engineering)

The Spanish Association of Defense, Aeronautics and Space Technologies (TEDAE)

The Composites Research, Development and Application Centre (FIDAMC)

US Government Accountability Office (GAO)

University of Nottingham



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