

# Global Marine Composites Market 2016 2020 Bioportfolio

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### [Global Marine Composites Market 2016](#)

#### **The global CFRP market 2016 - Carbon Composites**

The global CFRP market 2016 Dipl-Ing Michael Kühnel, Dipl-Phys Thomas Kraus Experience Composites, Augsburg, September 21 st 2016

#### **The global CFRP market 2016**

2 The global Carbon Composites market The global CFRP market 2016 Slide 15 23 By region CC demand in thousand tonnes by region (2015) 2 The global Carbon Composites market The global CFRP market 2016 North America; 443; 38% Marine Others Total 2022: 245 kt Total 2015: 117 kt

#### **Growth Opportunities in the Global Composites Market**

- Market size and growth rates of the global composites market
- Market for FRP and advanced composites
- Global composites market size in terms of value and volume
- Global composites market trend (2010 -2015) and forecast (2016 2021) in terms of value and volume by region, such as North America, Europe, Asia Pacific and ROW

#### **The global CFRP market 2016**

The global CFRP market 2016 Dipl-Ing Michael Kühnel, Dipl-Phys Thomas Kraus International Composites Congress (ICC) Düsseldorf, November 28th 2016

#### **Growth Opportunities in the Global Composites Market**

Growth Opportunities in the Global Composites Market Published: May 2016 Trends, opportunities and forecast in this market to 2021 by fiber type (fiberglass, carbon fiber, Marine Market Outlook and Industry Trends 711: Wind Energy 8 Global Composites Market by Manufacturing Process 81:

Global Composites Market by Manufacturing

### **Global Outlook for the Composites Industry**

NB: Bubble size represents value of global composites end products market in 2023 Growth Attractiveness in Global Composites End Products Market (2017- 2023) High use of composites in newer aircraft such as B787, A350XWB, and C Series •The aerospace market likely to benefit from highest growth due to substantial

### **Growth Opportunities in the Global Composites Industry**

x Market size and growth rates of the global composites market x Market for FRP and advanced composites x Global composites market size in terms of value and volume x Global composites market trend (2011 -2016) and forecast (2017 2 022) in terms of value and volume by region, such as North America, Europe, Asia Pacific and ROW

### **Growth Opportunities in Global Composites Industry**

• Global composite materials industry reached \$177B in 2010, YOY growth of 103% • Major industries rebounded after 2009 slowdown from economic crises • End product market made with composites in 2010 was \$502B • North American composites industry accelerated by ~13% in 2010, Europe accelerated by ~8% while Asia grew by ~9% in 2010

### **Growth Opportunities in the Global Prepreg Market**

The future of the prepreg market looks attractive with opportunities in the commercial aerospace, military/defense, general aviation, space/satellite, sporting goods, marine, wind energy, automotive, and civil engineering industries The global prepreg market ...

### **COMPOSITES LEADERSHIP FORUM**

Composites Leadership Forum CLF 2013 Industry Study The CLF commissioned a study, supported by BIS, which reviewed composite markets globally and identified existing UK capability and opportunity [UK Composites 2013\*] The report made recommendations to assist the UK to maximise its share of global market growth, these have been developed and

### **2017 Top Markets Report Composites Sector Snapshot**

2017 Top Markets Report Composites Sector Snapshot The global demand for US composites is anticipated to grow at a compound annual growth rate (CAGR) of 42 percent in 2017 and 2018 In 2016, the United States exports of composites totaled approximately \$25 billion , and exports are expected to reach \$27 billion by 2018 Emerging trends,

### **Emerging Innovation Trends in Composites**

Nov 04, 2015 · Executive Summary 7 •Global composite materials market is estimated at \$244 billion in 2014, and is forecast to grow at 58% CAGR in next five years to reach \$344 billion in 2020 •Lucintel expects significant innovations in the composites industry in the next 50 years Key mega trends in composite materials innovation are as follows:

### **Composites Market Report 2017**

Composites Market Report 2017 Market developments, trends, outlook and challenges The GRP-Market Europe - Dr Elmar Witten (AVK) The global CF- and CC-Market - Michael Sauer, Michael Kühnel (CCeV) September 2017

### **Global Aerospace Composites Market forecast & competitive ...**

competitive market share, 2016 - 2024: Global Market Insights, Inc Global Aerospace Composites Market size will witness robust growth from 2016 to 2024 High growth in aviation industry worldwide, increased spending in space exploration projects and defense sectors by countries will propel

the market in the coming years

### **arine**

used for marine repair in everything from personal watercraft and docks to commercial barges, as well as in performing salvage work And for smaller, do-it-yourself consumer projects, FSI even offers convenient and easy-to-use Marine Foam Kits in a variety of sizes (available at fsifoamkits.com)

### **Growth Opportunities in the Global Composites Industry**

Growth Opportunities in the Global Composites Industry Published: June 2017 Trends, opportunities and forecast in this market to 2022 by application type (transportation,

### **Developing a UK Standards Strategy for the Uptake of Light ...**

sector's share of global growth through to 2021 It can be seen that, along with the sector break down from the UK data in Figure 2, that composites in Automotive, Rail (defined together as transportation in Figure 1 and Figure 3) and Aerospace will all see significant growth, with the use of composites in marine growing at a more modest rate

### **Opportunities in Natural Fiber Composites**

Creating the Equation for Growth Executive Summary • Global natural fiber composites market reached \$21B in 2010, with compound annual growth rate of 15% in last five years • Automotive & Construction: largest segments among natural fiber composite applications • Bast fiber such as flax, Kenaf, hemp, etc are materials of choice for automotive, while

### **TRANSPORTATION: MARKET AND OUTLOOK**

Global transportation expected to exceed USD 38 trillion in 2016 - Market scope: inspection/laboratory testing services for products, metals/composites, chemicals, software, MRO automotive, rail and marine Combination of destructive and non-destructive testing AUTOMOTIVE R&D Validation Production