

Global Graphene Industry Report 2016

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Abstracts

This report provides detailed analysis of worldwide markets for Graphene from 2011-2016, and provides extensive market forecasts (2016-2021) by region/country and subsectors. It covers the key technological and market trends in the Graphene market and further lays out an analysis of the factors influencing the supply/demand for Graphene, and the opportunities/challenges faced by industry participants. It also acts as an essential tool to companies active across the value chain and to the new entrants by enabling them to capitalize the opportunities and develop business strategies.

Graphene is an allotrope of carbon in the form of a two-dimensional, atomic-scale, honey-comb lattice in which one atom forms each vertex. It is the basic structural element of other allotropes, including graphite, charcoal, carbon nanotubes and fullerenes. It can also be considered as an indefinitely large aromatic molecule, the ultimate case of the family of flat polycyclic aromatic hydrocarbons. Graphene has many extraordinary properties. It is about 100 times stronger than the strongest steel with a hypothetical thickness of 3.35\AA which is equal to the thickness of the graphene sheet. It conducts heat and electricity efficiently and is nearly transparent. Researchers have identified the bipolar transistor effect, ballistic transport of charges and large quantum oscillations in the material.

GCC's report, Global Graphene Industry Report 2016, has been prepared based on the synthesis, analysis, and interpretation of information about the global Graphene market collected from specialized sources. The report covers key technological developments in the recent times and profiles leading players in the market and analyzes their key strategies. The competitive landscape section of the report provides a clear insight into the market share analysis of key industry players. The major players in the global Graphene market are Angstrom Materials, XG Science, Graphenea, Ningbo Morsh, The Sixth Element, Knano, Leadernano, SuperC, Suzhou Graphene.

The report provides separate comprehensive analytics for the North America, Europe, Asia-Pacific, Middle East and Africa and Rest of World. In this sector, global competitive landscape and supply/demand pattern of Graphene industry has been provided.

Contents

PART 1. SCOPE OF REPORT

- 1.1 Research Methodology
- 1.2 Geographic Scope
- 1.3 Years Considered

PART 2. INTRODUCTION

- 2.1 Key Findings
- 2.2 Value Chain Analysis
 - 2.2.2 Upstream
 - 2.2.3 Downstream

PART 3. MANUFACTURE

- 3.1 Manufacturing Process
- 3.2 Issues and Trends

PART 4. COST STRUCTURE

- 4.1 Bill of Materials
- 4.2 Labor Cost
- 4.3 Depreciation Cost
- 4.4 Manufacturing Cost

PART 5. WORLDWIDE KEY VENDORS

- 5.1 Profile
- 5.2 Financial Performance
- 5.3 Market Share Trends

PART 6. MARKET STATUS

- 6.1 Market Size 2015
- 6.2 Market Volume 2015
- 6.3 Competitive Landscape

PART 7. MARKET OVERVIEW

7.1 Global Production Volume 2011-2016

7.2 Production Volume by Region

7.2.1 China

7.2.2 North America

7.2.3 Europe

7.2.4 Asia-Pacific

7.2.5 Middle East & Africa

7.3 Global Production Value 2011-2016

7.4 Production Value by Region

7.4.1 China

7.4.2 North America

7.4.3 Europe

7.4.4 Asia-Pacific

7.4.5 Middle East & Africa

PART 8. CONSUMPTION PATTERN

8.1 Regional Consumption

8.1.1 China

8.1.2 North America

8.1.3 Europe

8.1.4 Asia-Pacific

8.1.5 Middle East & Africa

8.2 Global Consumption by Application

PART 9. MARKET FORECAST

9.1 Market Size Forecast

9.1.1 China

9.1.2 North America

9.1.3 Europe

9.1.4 Asia-Pacific

9.1.5 Middle East & Africa

9.2 Regional Consumption Forecast

9.2.1 China

9.2.2 North America

9.2.3 Europe

- 9.2.4 Asia-Pacific
- 9.2.5 Middle East & Africa
- 9.3 Consumption Forecast by Application

PART 10. MARKET DYNAMICS

- 10.1 Market Drivers
- 10.2 Market Constraints
- 10.3 Market Opportunities
- 10.4 Key Events

PART 11. INVESTMENT FEASIBILITY

- 11.1 Global Economic Highlight 2015
- 11.2 Recent Developments
- 11.3 The Updated Forecast
 - 11.3.1 Advanced Economies
 - 11.3.2 Emerging Market and Developing Economies
- 11.4 China Outlook 2016
- 11.5 Investment in China
 - 11.5.1 Outlook on investment
 - 11.5.2 Growth opportunities
 - 11.5.3 Policy Trends
 - 11.5.4 Conclusions
- 11.4 Feasibility of New Project
 - 11.4.1 Basis and Presumptions
 - 11.4.2 New Project

ABBREVIATIONS

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Figures & Tables

FIGURES AND TABLES

Figure Global Market Size 2011-2016
Figure Chinese Market Size 2011-2016
Table Materials Suppliers
Table Equipment Suppliers
Table Applications/End-User
Table Key Customers
Figure Manufacturing Process
Table Key Manufacturing Technologies Development & Trends
Figure Hourly Compensation Costs in Manufacturing
Figure Manufacturing Labor Costs in Select Provinces and Countries
Figure Manufacturing Cost Structure
Table Financial Performance 2011-2016
Figure Market Share 2011-2016
Figure Global Production 2015
Figure Global Production Value 2015
Figure Top 10 Vendors Production Share 2015
Figure Top 10 Vendors Production Value Share 2015
Figure Regional Production 2015
Figure Regional Production Value 2015
Figure Regional Consumption 2015
Table Global Key Vendors Production 2011-2016
Table Global Key Vendors Production Share 2011-2016
Figure Global Key Vendors Capacity & Production 2011-2016
Figure Global Key Vendors Capacity Utilization
Figure Global Top 10 Vendors Production 2011-2016
Figure Global Top 10 Vendors Production Share
Figure Chinese Production Share Trend
Figure Chinese Capacity & Production
Figure Chinese Capacity Utilization
Table Chinese Consumption 2011-2016
Figure North America Production Share Trend
Figure North America Capacity & Production
Figure North America Capacity Utilization
Figure Europe Production Share Trend
Figure Europe Capacity & Production

Figure Europe Capacity Utilization
Figure Europe Production Share Trend
Figure Europe Capacity & Production
Figure Europe Capacity Utilization
Figure Middle East & Africa Production Share Trend
Figure Middle East & Africa Capacity & Production
Figure Middle East & Africa Capacity Utilization
Figure Global Production Value, Growth Rate
Table Global Key Vendors Production Value 2011-2016
Table Global Key Vendors Production Value Share 2011-2016
Figure Global Top 10 Vendors Production Value 2011-2016
Figure Top 10 Vendor Production Value Share Trend
Figure Key Vendors' Price 2015
Table Global Key Vendor Gross Margin
Figure Chinese Production Value, Growth Rate
Figure Chinese Production Value Share Trend
Figure North America Production Value, Growth Rate
Figure North America Production Value Share Trend
Figure Europe Production Value, Growth Rate
Figure Europe Production Value Share Trend
Figure Asia-Pacific Production Value, Growth Rate
Figure Asia-Pacific Production Value Share Trend
Figure Middle East & Africa Production Value, Growth Rate
Figure Middle East & Africa Production Value Share Trend
Global Consumption Volume 2011-2016
Table Regional Consumption Volume 2011-2016
Figure Regional Consumption Volume Share 2011-2016
Figure 2015 China Consumption Share, Five Years CAGR
Figure 2015 North America Consumption Share, Five Years CAGR
Figure 2015 Europe Consumption Share, Five Years CAGR
Figure 2015 Asia-Pacific Consumption Share, Five Years CAGR
Figure 2015 Middle East & Africa Consumption Share, Five Years CAGR
Table Global Consumption Volume 2011-2016
Figure Global Consumption Volume 2011-2016
Table Global Consumption Volume Share 2011-2016
Figure Global Consumption Volume Share 2011-2016
Table Chinese Consumption Volume 2011-2016
Figure Chinese Consumption Volume Share 2011-2016
Table Chinese Consumption Volume Share 2011-2016

Figure Chinese Consumption Volume Share 2011-2016
Figure Global Market Size Forecast
Figure China Market Size Forecast
Figure North America Market Size Forecast
Figure Europe Market Size Forecast
Figure Asia-Pacific Market Size Forecast
Figure Middle East & Africa Market Size Forecast
Figure Consumption Volume 2011-2021
Table Consumption Volume 2011-2021
Table Consumption Volume Share 2011-2021
Figure China Consumption Forecast
Figure North America Consumption Forecast
Figure Europe Consumption Forecast
Figure Asia-Pacific Consumption Forecast
Figure Middle East & Africa Consumption Forecast
Table Global Consumption Volume 2011-2021
Figure Global Consumption Volume 2011-2021
Table Global Consumption Volume Share 2011-2021
Figure Global Consumption Volume Share 2011-2021
Overview of the World Economic Outlook Projections
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