

# Carbon Nanotube Market Opportunities by Key Players, Regional Segmentation and Forecasts, 2018 – 2023

PUNE, MAHARASHTRA, INDIA, May 25, 2018 /EINPresswire.com/ -- Global Carbon Nanotube Industry

New Study on “2018-2023 Carbon Nanotube Market Global Key Player, Demand, Growth, Opportunities and Analysis Forecast” added to Wise Guy Reports Database

A Global Carbon nanotube market is made of carbon and has diameter in nanometer (10-9m). The bonding between the atoms in the carbon Nanotube is even more than metals & exhibits extraordinary strength. It is 100 times stronger and six times lighter than steel. Carbon nanotubes have many structures, differing in length, thickness and number of layers. Mainly Carbon nanotubes market are categorized into Single-walled nanotube (SWNT) and Multi-walled nanotubes (MWNT).

Try Sample Report @ <https://www.wiseguyreports.com/sample-request/3186922-global-carbon-nanotube-market-research-and-forecast-2018-2023>

Availability of resources, high temperature range, better conductivity, mechanical and flame retardants property as compare to other materials, and eco-friendly materials are likely to act as high impact rendering drivers for the global carbon nanotube market. Increasing penetration of carbon fiber in automobiles is also seen as one of the major boosters to the growth within the carbon nanotube market during research.

Techniques to develop carbon nanotube include arc discharge method, laser ablation method, chemical vapour deposition and n-hexane pyrolysis. To manufacture carbon nanotube, three elements are basically required; carbon, heat, and catalyst. The process to make carbon nanotube is much complex and expensive. These factors are estimated to act as restraints in the growth of carbon nanotube market during the forecast period.

The global carbon nanotube market can be geographically segregated into Europe, North America, Asia Pacific and Rest of the World (RoW). In the current scenario, North America and Europe dominates the global carbon nanotube market in terms of revenue. The major economies of North America contributing to the growth of the market are the US and Canada. The countries of Europe and North America are large economies and are investing in the research & technology. The major countries of Europe contributing to the market are the UK, Germany, France, Italy and Spain.

APAC is anticipated to be fastest growing region mainly because of electronics and vehicle segment. China shares about 33% of global production of the vehicles in 2016 and it is the biggest electronics manufacturer across the globe In addition, India, Japan, South Korea, Taiwan, Singapore are big players in the electronics and automobile market and with the increase in demand for electronics, a rise in carbon nanotube is expected to be observed in the market.

Key players of Carbon Nanotube market include Arkema Group, Arry International Group Ltd., Bayer

Material Science, Carbon Solutions Inc., CNT Company Ltd. The report includes detailed market overview, market determinants, company profiling, sector analysis, market segmentation, geographical analysis, patent analysis, strategic recommendations, key company analysis, key findings, market estimations, market insights, analyst insights and predictive analysis of the market.

#### MARKET SEGMENTATION:

Global Carbon Nanotube Market is segmented on the basis of regional outlook and following segments:

Global Carbon Nanotube Market Research and Analysis, By Structure  
Global Carbon Nanotube Market Research and Analysis, By Application  
Global Carbon Nanotube Market Research and Analysis, By Method  
Global Carbon Nanotube Market Research and Analysis, By Region

#### THE REPORT COVERS:

Comprehensive research methodology of Global Carbon Nanotube Market.

This report also includes detailed and extensive market overview with key analyst insights.

Exhaustive analysis of macro and micro factors influencing the market guided by key recommendations.

Analysis of regional regulations and other government policies impacting the Carbon Nanotube Market.

Insights about market determinants which are stimulating the Carbon Nanotube Market.

Detailed and extensive market segments with regional distribution of forecasted revenues.

Extensive profiles and recent developments of market players.

Some points from table of content:

#### 1. REPORT SUMMARY

##### 1.1. RESEARCH METHODS AND TOOLS

##### 1.2. MARKET BREAKDOWN

###### 1.2.1. BY SEGMENTS

###### 1.2.2. BY GEOGRAPHY

###### 1.2.3. BY STAKEHOLDERS

###### 1.2.4. EXCEPTIONS

#### 2. MARKET OVERVIEW AND INSIGHTS

##### 2.1. DEFINITION

##### 2.2. ANALYST INSIGHTS & CURRENT MARKET TRENDS

###### 2.2.1. KEY FINDINGS

###### 2.2.2. RECOMMENDATION

###### 2.2.3. CONCLUSION

##### 2.3. REGULATION

###### 2.3.1.1. UNITED STATES

###### 2.3.1.2. EUROPEAN UNION

###### 2.3.1.3. CHINA

###### 2.3.1.4. INDIA

For Detailed Reading Please visit WiseGuy Reports @

<https://www.wiseguyreports.com/reports/3186922-global-carbon-nanotube-market-research-and-forecast-2018-2023>

#### 3. MARKET DETERMINANT

##### 3.1. MOTIVATORS

###### 3.1.1. EXTREMELY SMALL AND LIGHTWEIGHT

- 3.1.2. BETTER STRENGTH THAN CONVENTIONAL METAL
- 3.1.3. RESOURCE AVAILABILITY
- 3.1.4. HIGH TEMPERATURE RANGE
- 3.1.5. BETTER CONDUCTIVITY, MECHANICAL & FLAME PROPERTY AS COMPARE TO OTHER MATERIAL
- 3.1.6. ECO-FRIENDLY MATERIAL
- 3.2. RESTRAINTS
  - 3.2.1. HIGH MANUFACTURING COST
  - 3.2.2. DIFFICULT TECHNOLOGY COMPARE TO METALS
- 3.3. OPPORTUNITIES
  - 3.3.1. OPPORTUNITIES IN ELECTRICAL TRANSMISSION
  - 3.3.2. INCREASE PENETRATION OF CARBON FIBER IN AUTOMOBILE, AVIATION & DEFENCE
- 4. MARKET SEGMENTATION
  - 4.1. CARBON NANOTUBE MARKET BY STRUCTURE
    - 4.1.1. SINGLE WALLED CARBON NANOTUBES
    - 4.1.2. MULTI WALLED CARBON NANOTUBES
    - 4.1.3. OTHER CARBON NANOTUBE STRUCTURE (Torus, Nanobud, G-CNTS, Peapod, Cup Stacked, Nitrogen Doped)
  - 4.2. CARBON NANOTUBE MARKET BY METHOD
    - 4.2.1. ARC DISCHARGE METHOD
    - 4.2.2. LASER ABLATION METHOD
    - 4.2.3. CHEMICAL VAPOUR DEPOSITION
    - 4.2.4. N-HEXANE PYROLYSIS
  - 4.3. CARBON NANOTUBE MARKET BY APPLICATION
    - 4.3.1. ELECTRONICS
      - 4.3.1.1. SEMICONDUCTORS
      - 4.3.1.2. SUPER CAPACITORS
      - 4.3.1.3. NANO ELECTRONICS
      - 4.3.1.4. TRANSISTORS
    - 4.3.2. AUTOMOBILE
    - 4.3.3. AVIATION & AEROSPACE
    - 4.3.4. ENERGY
    - 4.3.5. BUILDING AND CONSTRUCTION
    - 4.3.6. DEFENCE
    - 4.3.7. PHARMACEUTICAL
- 5. COMPETITIVE LANDSCAPE
  - 5.1. KEY STRATEGIES
  - 5.2. KEY COMPANY ANALYSIS
- 6. REGIONAL ANALYSIS
  - 6.1. NORTH AMERICA
    - 6.1.1. UNITED STATES
    - 6.1.2. CANADA
  - 6.2. EUROPE
    - 6.2.1. UK
    - 6.2.2. GERMANY
    - 6.2.3. SPAIN
    - 6.2.4. FRANCE
    - 6.2.5. ITALY
    - 6.2.6. REST OF EUROPE
  - 6.3. APAC
    - 6.3.1. INDIA

- 6.3.2. CHINA
- 6.3.3. JAPAN
- 6.3.4. REST OF APAC
- 6.4. REST OF THE WORLD
- 7. COMPANY PROFILES
  - 7.1. ARKEMA S.A
  - 7.2. ARRY INTERNATIONAL GROUP LTD
  - 7.3. BAYER MATERIAL SCIENCE LLC
  - 7.4. CARBON SOLUTIONS INC.
  - 7.5. CHEAP TUBES INC.
  - 7.6. C-NANO TECHNOLOGY LIMITED
  - 7.7. CNT COMPANY LTD.
  - 7.8. FUTURECARBON GMBH
  - 7.9. HANWHA CHEMICAL CO. LTD.
  - 7.10. HYPERION CATALYSIS INTERNATIONAL INC.
  - 7.11. KLEAN INDUSTRIES INC.
  - 7.12. KUMHO PETROCHEMICAL COMPANY LTD.
  - 7.13. MITSUBISHI RAYON CO., LTD
  - 7.14. NANO-C INC.

Continued.....

For more information or any query mail at [sales@wiseguyreports.com](mailto:sales@wiseguyreports.com)

Norah Trent  
WiseGuy Research Consultants Pvt. Ltd.  
+1 646 845 9349 / +44 208 133 9349  
[email us here](#)

---

This press release can be viewed online at: <http://www.einpresswire.com>

Disclaimer: If you have any questions regarding information in this press release please contact the company listed in the press release. Please do not contact EIN Presswire. We will be unable to assist you with your inquiry. EIN Presswire disclaims any content contained in these releases.

© 1995-2018 IPD Group, Inc. All Right Reserved.