

Global Nanotechnology Market (by Component and Applications), Funding & Investment, Patent Analysis and 27 Companies Profile & Recent Developments - Forecast to 2024

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Abstracts

The global nanotechnology market is expected to exceed US\$ 125 Billion mark by 2024. Nanotechnology continues to have a broad and fundamental impact on nearly all sectors of the global economy, namely electronics, energy, biomedical, cosmetics, defense, automotive and agriculture among others. The factors such as advancement in technology, increasing government support and private sector funding for R&D, growing demand for miniaturization of devices, and strategic alliances between countries are expected to drive the global nanotechnology market growth. However, the issues such as environmental, health, and safety risks, and concerns relating to nanotechnology commercialization are expected to hamper market growth.

Global Nanotechnology Market & Forecast to 2024 – By Component

By component, the nanomaterials captured highest share of the global nanotechnology market.

Nanoparticles holds over 85% share of the global nanomaterials market.

The nanotools accounted for second highest share of the nanotechnology market.

Nanolithography tools dominates the global nanotools component market.

Nanodevices segment captured least share of the global nanotechnology

market.

Global Nanotechnology Market & Forecast to 2024 – By Applications

The top three applications of nanotechnology are electronics, energy and biomedical. Together, they account for over 70% share of the global nanotechnology market.

The largest application for nanotechnology is electronics.

The energy application captured second highest share of the nanotechnology market, being followed by biomedical application.

The cosmetic industry is one of the most enthusiastic early adopters of nanotechnology.

The global defense application market for nanotechnologies was valued at nearly US\$ 3 Billion in 2017.

Automotive application captured nearly 5% share of the global nanotechnology market.

iGATE RESEARCH report titled “Global Nanotechnology Market (by Component and Applications), Funding & Investment, Patent Analysis and 27 Companies Profile & Recent Developments - Forecast to 2024” provides a comprehensive assessment of the fast-evolving, high-growth Global Nanotechnology Industry.

This 191 Page report with 42 Figures and 10 Tables has been analyzed from 9 viewpoints:

1. Global Nanotechnology Market (2011 - 2024)
2. Global Nanotechnology Market Share & Forecast - By Component (2011 - 2024)
3. Global Nanotechnology Market Share & Forecast - By Applications (2011 - 2024)
4. Global Nanotechnology Market & Forecast - By Component (2011 - 2024)
5. Global Nanotechnology Market & Forecast - By Applications (2011 - 2024)
6. Global Nanotechnology Market - Funding & Investment Analysis
7. Global Nanotechnology - Patent Analysis

8. Global Nanotechnology - Company Profile
9. Global Nanotechnology Market - Driving Factors & Challenges

Global Nanotechnology Market & Forecast to 2024 - By Component

1. Nanomaterials

Nanoparticles

Nanotubes

Nanostructured Materials

Nanocomposites

Others

2. Nanotools

Nanolithography Tools

Scanning Probe Microscopes

3. Nanodevices

Nanosensors

Nanoelectronics

Global Nanotechnology Market & Forecast to 2024 - By Applications

1. Electronics
2. Energy
3. Cosmetics
4. Biomedical
5. Defense

6. Food/Drink and Agriculture
7. Automotive
8. Others

Global Nanotechnology Market - Funding & Investment Analysis

1. United States
2. Brazil
3. Germany
4. France
5. United Kingdom
6. Russia
7. Ireland
8. Japan
9. China
10. South Korea
11. India
12. Taiwan
13. Malaysia

Global Nanotechnology - Company Profile

1. Ablynx
2. Acusphere, Inc.
3. Advanced Diamond Technologies, Inc.
4. Altair Nanotechnologies Inc.
5. Advanced Nano Products Co., Limited
6. Advanced Nanotechnologies S.L.
7. Bruker Nano GmbH
8. Catalytic Materials, LLC
9. Chasm Technologies, Inc.
10. Chemat Technology Inc.
11. ELITechGroup
12. eSpin Technologies, Inc.
13. Hanwha Chemical Corp.
14. Hybrid Plastics Inc.
15. Hyperion Catalysis International, Inc.
16. Integran Technologies, Inc
17. Nanocyl S.A

18. NanoMaterials Ltd.
19. Nanophase Technologies Corporation
20. Nanosys, Inc.
21. PEN, Inc
22. QuantumSphere, Inc.
23. Rogue Valley Microdevices, Inc
24. Shenzhen Nanotech Port Co., Ltd.
25. Starpharma Holdings
26. Unidym, Inc. (subsidiary of WisePower Co.)
27. Zyvex Corporation

DATA SOURCES

iGATE RESEARCH employs rigorous primary and secondary research techniques in developing distinctive data sets and research material for business reports. This report is built by using data and information sourced from Proprietary Information Database, Primary and Secondary Research Methodologies, and In house analysis by iGATE Research dedicated team of qualified professionals with deep industry experience and expertise.

RESEARCH METHODOLOGIES

Primary Research Methodologies: Questionnaires, Surveys, Interviews with Individuals, Small Groups, Telephonic Interview, etc.

Secondary Research Methodologies: Printable and Non-printable sources, Newspaper, Magazine and Journal Content, Government and NGO Statistics, white Papers, Information on the Web, Information from Agencies Such as Industry Bodies, Companies Annual Report, Government Agencies, Libraries and Local Councils and a large number of Paid Databases.

Contents

1. EXECUTIVE SUMMARY

2. GLOBAL NANOTECHNOLOG MARKET & FORECAST TO 2024

3. GLOBAL NANOTECHNOLOGY MARKET SHARE & FORECAST TO 2024

3.1 By Components - Global Nanotechnology Market Share & Forecast

3.2 By Applications - Global Nanotechnology Market Share & Forecast

4. GLOBAL NANOTECHNOLOGY MARKET & FORECAST TO 2024 - BY COMPONENT

4.1 Nanomaterials Market & Forecast

4.1.1 Nanoparticles Market & Forecast

4.1.2 Nanotubes Market & Forecast

4.1.3 Nanostructured Materials Market & Forecast

4.1.4 Nanocomposites Market & Forecast

4.1.5 Others Market & Forecast

4.2 Nanotools Market & Forecast

4.2.1 Nanolithography Tools Market & Forecast

4.2.2 Scanning Probe Microscopes Market & Forecast

4.3 Nanodevices Market & Forecast

4.3.1 Nanosensors Market & Forecast

4.3.2 Nanoelectronics Market & Forecast

5. GLOBAL NANOTECHNOLOGY MARKET & FORECAST TO 2024 - BY APPLICATIONS

5.1 Electronics Market & Forecast

5.2 Energy Market & Forecast

5.3 Cosmetics Market & Forecast

5.4 Biomedical Market & Forecast

5.5 Defense Market & Forecast

5.6 Food/Drink and Agriculture Market & Forecast

5.7 Automotive Market & Forecast

5.8 Others Market & Forecast

6. GLOBAL NANOTECHNOLOGY MARKET - FUNDING & INVESTMENT ANALYSIS

- 6.1 United States Funding & Investment
- 6.2 Brazil Funding & Investment
- 6.3 Germany Funding & Investment
- 6.4 France Funding & Investment
- 6.5 United Kingdom Funding & Investment
- 6.6 Russia Funding & Investment
- 6.7 Ireland Funding & Investment
- 6.8 Japan Funding & Investment
- 6.9 China Funding & Investment
- 6.10 South Korea Funding & Investment
- 6.11 India Funding & Investment
- 6.12 Taiwan Funding & Investment
- 6.13 Malaysia Funding & Investment

7. GLOBAL NANOTECHNOLOGY - PATENT ANALYSIS

- 7.1 Nanotechnology Patents in EPO by Countries
- 7.2 Nanotechnology Published Patent Applications in EPO
- 7.3 Nanotechnology Patents in USPTO by Countries
- 7.1 Nanotechnology Published Patent Applications in USPTO

8. GLOBAL NANOTECHNOLOGY - COMPANY PROFILE

- 8.1 Ablynx
 - 8.1.1 Overview
 - 8.1.2 Recent Developments
- 8.2 Acusphere, Inc.
 - 8.2.1 Overview
 - 8.2.2 Recent Developments
- 8.3 Advanced Diamond Technologies, Inc.
 - 8.3.1 Overview
 - 8.3.2 Recent Developments
- 8.4 Altair Nanotechnologies Inc.
 - 8.4.1 Overview
 - 8.4.2 Recent Developments
- 8.5 Advanced Nano Products Co., Limited
 - 8.5.1 Overview

- 8.5.2 Recent Developments
- 8.6 Advanced Nanotechnologies S.L.
 - 8.6.1 Overview
 - 8.6.2 Recent Developments
- 8.7 Bruker Nano GmbH
 - 8.7.1 Overview
 - 8.7.2 Recent Developments
- 8.8 Catalytic Materials, LLC
 - 8.8.1 Overview
 - 8.8.2 Recent Developments
- 8.9 Chasm Technologies, Inc.
 - 8.9.1 Overview
 - 8.9.2 Recent Developments
- 8.10 Chemat Technology Inc.
 - 8.10.1 Overview
 - 8.10.2 Recent Developments
- 8.11 ELITechGroup
 - 8.11.1 Overview
 - 8.11.2 Recent Developments
- 8.12 eSpin Technologies, Inc.
- 8.13 Hanwha Chemical Corp.
 - 8.13.1 Overview
 - 8.13.2 Recent Developments
- 8.14 Hybrid Plastics Inc.
 - 8.14.1 Overview
 - 8.14.2 Recent Developments
- 8.15 Hyperion Catalysis International, Inc.
 - 8.15.1 Overview
 - 8.15.2 Recent Developments
- 8.16 Integran Technologies, Inc.
 - 8.16.1 Overview
 - 8.16.2 Recent Developments
- 8.17 Nanocyl S.A
 - 8.17.1 Overview
 - 8.17.2 Recent Developments
- 8.18 NanoMaterials Ltd.
 - 8.18.1 Overview
 - 8.18.2 Recent Developments
- 8.19 Nanophase Technologies Corporation

- 8.19.1 Overview
- 8.19.2 Recent Developments
- 8.20 Nanosys, Inc.
 - 8.20.1 Overview
 - 8.20.2 Recent Developments
- 8.21 PEN, Inc.
 - 8.21.1 Overview
 - 8.21.2 Recent Developments
- 8.22 QuantumSphere, Inc.
 - 8.22.1 Overview
 - 8.22.2 Recent Developments
- 8.23 Rogue Valley Microdevices, Inc.
 - 8.23.1 Overview
 - 8.23.2 Recent Developments
- 8.24 Shenzhen Nanotech Port Co., Ltd.
 - 8.24.1 Overview
 - 8.24.2 Recent Developments
- 8.25 Starpharma Holdings
 - 8.25.1 Overview
 - 8.25.2 Recent Developments
- 8.26 Unidym, Inc. (subsidiary of WisePower Co.)
- 8.27 Zyvex Corporation
 - 8.27.1 Overview
 - 8.27.2 Recent Developments

9. GLOBAL NANOTECHNOLOGY MARKET - DRIVERS

- 9.1 Technological Advancements in Nanotechnology
- 9.2 Increased Government Support and R&D Spending

10. GLOBAL NANOTECHNOLOGY MARKET - CHALLENGES

- 10.1 Environmental, Health, and Safety Risks
- 10.2 Nanotechnology Commercialization Challenges

List Of Figures

LIST OF FIGURES:

- Figure 2-1: Global Nanotechnology Market (Billion US\$), 2011 - 2017
- Figure 2-2: Global Forecast for Nanotechnology Market (Billion US\$), 2018 - 2024
- Figure 4-1: Global Nanomaterials Market (Million US\$), 2011 - 2017
- Figure 4-2: Global Forecast for Nanomaterials Market (Million US\$), 2018 - 2024
- Figure 4-3: Global Nanoparticles Market (Million US\$), 2011 - 2017
- Figure 4-4: Global Forecast for Nanoparticles Market (Million US\$), 2018 - 2024
- Figure 4-5: Global Nanotubes Market (Million US\$), 2011 - 2017
- Figure 4-6: Global Forecast for Nanotubes Market (Million US\$), 2018 - 2024
- Figure 4-7: Global Nanostructured Materials Market (Million US\$), 2011 - 2017
- Figure 4-8: Global Forecast for Nanostructured Materials Market (Million US\$), 2018 - 2024
- Figure 4-9: Global Nanocomposites Market (Million US\$), 2011 - 2017
- Figure 4-10: Global Forecast for Nanocomposites Market (Million US\$), 2018 - 2024
- Figure 4-11: Global Others Market (Million US\$), 2011 - 2017
- Figure 4-12: Global Forecast for Others Market (Million US\$), 2018 - 2024
- Figure 4-13: Global Nanotools Market (Million US\$), 2011 - 2017
- Figure 4-14: Global Forecast for Nanotools Market (Million US\$), 2018 - 2024
- Figure 4-15: Global Nanolithography Tools Market (Million US\$), 2011 - 2017
- Figure 4-16: Global Forecast for Nanolithography Tools Market (Million US\$), 2018 - 2024
- Figure 4-17: Global Scanning Probe Microscopes Market (Million US\$), 2011 - 2017
- Figure 4-18: Global Forecast for Scanning Probe Microscopes Market (Million US\$), 2018 - 2024
- Figure 4-19: Global Nanodevices Market (Million US\$), 2011 - 2017
- Figure 4-20: Global Forecast for Nanodevices Market (Million US\$), 2018 - 2024
- Figure 4-21: Global Nanosensors Market (Million US\$), 2011 - 2017
- Figure 4-22: Global Forecast for Nanosensors Market (Million US\$), 2018 - 2024
- Figure 4-23: Global Nanoelectronics Market (Million US\$), 2011 - 2017
- Figure 4-24: Global Forecast for Nanoelectronics Market (Million US\$), 2018 - 2024
- Figure 5-1: Global Nanotechnology Electronics Applications Market (Million US\$), 2011 - 2017
- Figure 5-2: Global Forecast for Nanotechnology Electronics Applications Market (Million US\$), 2018 - 2024
- Figure 5-3: Global Nanotechnology Energy Applications Market (Million US\$), 2011 - 2017

Figure 5-4: Global Forecast for Nanotechnology Energy Applications Market (Million US\$), 2018 - 2024

Figure 5-5: Global Nanotechnology Cosmetics Applications Market (Million US\$), 2011 - 2017

Figure 5-6: Global Forecast for Nanotechnology Cosmetics Applications Market (Million US\$), 2018 - 2024

Figure 5-7: Global Nanotechnology Biomedical Applications Market (Million US\$), 2011 - 2017

Figure 5-8: Global Forecast for Nanotechnology Biomedical Applications Market (Million US\$), 2018 - 2024

Figure 5-9: Global Nanotechnology Defense Applications Market (Million US\$), 2011 - 2017

Figure 5-10: Global Forecast for Nanotechnology Defense Applications Market (Million US\$), 2018 - 2024

Figure 5-11: Global Nanotechnology Food/Drink and Agriculture Applications Market (Million US\$), 2011 - 2017

Figure 5-12: Global Forecast for Nanotechnology Food/Drink and Agriculture Applications Market (Million US\$), 2018 - 2024

Figure 5-13: Global Nanotechnology Automotive Applications Market (Million US\$), 2011 - 2017

Figure 5-14: Global Forecast for Nanotechnology Automotive Applications Market (Million US\$), 2018 - 2024

Figure 5-15: Global Nanotechnology Other Applications Market (Million US\$), 2011 - 2017

Figure 5-16: Global Forecast for Nanotechnology Other Applications Market (Million US\$), 2018 - 2024

List Of Tables

LIST OF TABLES:

Table 3-1: By Components - Global Nanotechnology Market Share (Percent), 2011 - 2017

Table 3-2: By Components - Forecast for Global Nanotechnology Market Share (Percent), 2018 - 2024

Table 3-3: By Applications - Global Nanotechnology Market Share (Percent), 2011 - 2017

Table 3-4: By Applications - Forecast for Global Nanotechnology Market Share (Percent), 2018 - 2024

Table 6-1: United States - Nanotechnology Funding by Agency (Million US\$), 2016 - 2018

Table 6-2: Malaysia - Funding and Investment in Nanotechnology

Table 7-1: Nanotechnology Patents in EPO by Countries (Units), 2013 - March, 2018

Table 7-2: Nanotechnology Published Patent Applications in EPO by Countries (Units), 2013 - March, 2018

Table 7-3: Nanotechnology Patents in USPTO by Countries (Units), 2013 - March, 2018

Table 7-4: Nanotechnology Published Patent Applications in USPTO by Countries (Units), 2013 - March, 2018

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