

# Nanotechnology in Energy Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/N398A97FDF5DEN.html>

Date: March 2022

Pages: 68

Price: US\$ 3,250.00 (Single User License)

ID: N398A97FDF5DEN

## Abstracts

This report contains market size and forecasts of Nanotechnology in Energy in Global, including the following market information:

Global Nanotechnology in Energy Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global Nanotechnology in Energy market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Carbon nanotubes Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Nanotechnology in Energy include Nano Dimension, Ablynx, Advance reproductions corporation, Z-medica LLC, InMat Inc, Solarmar energy, Inc, APS material, Inc, Solar Botanic Ltd and Rogue Valley Micro and etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Nanotechnology in Energy companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Nanotechnology in Energy Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global Nanotechnology in Energy Market Segment Percentages, by Type, 2021 (%)

Carbon nanotubes

Fullerene

Others

Global Nanotechnology in Energy Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global Nanotechnology in Energy Market Segment Percentages, by Application, 2021 (%)

Photovoltaic Film Coating

Fuel Cells and Batteries

Thermoelectric Materials

Aerogels

Others

Global Nanotechnology in Energy Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions)

Global Nanotechnology in Energy Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Nanotechnology in Energy revenues in global market, 2017-2022 (estimated), (\$ millions)

Key companies Nanotechnology in Energy revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Nano Dimension

Ablynx

Advance reproductions corporation

Z-medica LLC

InMat Inc

Solarmar energy, Inc

APS material, Inc

Solar Botanic Ltd

Rogue Valley Micro

Advanced Nanoproducts

## Contents

### **1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS**

- 1.1 Nanotechnology in Energy Market Definition
- 1.2 Market Segments
  - 1.2.1 Market by Type
  - 1.2.2 Market by Application
- 1.3 Global Nanotechnology in Energy Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
  - 1.5.1 Research Methodology
  - 1.5.2 Research Process
  - 1.5.3 Base Year
  - 1.5.4 Report Assumptions & Caveats

### **2 GLOBAL NANOTECHNOLOGY IN ENERGY OVERALL MARKET SIZE**

- 2.1 Global Nanotechnology in Energy Market Size: 2021 VS 2028
- 2.2 Global Nanotechnology in Energy Market Size, Prospects & Forecasts: 2017-2028
- 2.3 Key Market Trends, Opportunity, Drivers and Restraints
  - 2.3.1 Market Opportunities & Trends
  - 2.3.2 Market Drivers
  - 2.3.3 Market Restraints

### **3 COMPANY LANDSCAPE**

- 3.1 Top Nanotechnology in Energy Players in Global Market
- 3.2 Top Global Nanotechnology in Energy Companies Ranked by Revenue
- 3.3 Global Nanotechnology in Energy Revenue by Companies
- 3.4 Top 3 and Top 5 Nanotechnology in Energy Companies in Global Market, by Revenue in 2021
- 3.5 Global Companies Nanotechnology in Energy Product Type
- 3.6 Tier 1, Tier 2 and Tier 3 Nanotechnology in Energy Players in Global Market
  - 3.6.1 List of Global Tier 1 Nanotechnology in Energy Companies
  - 3.6.2 List of Global Tier 2 and Tier 3 Nanotechnology in Energy Companies

### **4 MARKET SIGHTS BY PRODUCT**

#### 4.1 Overview

4.1.1 by Type - Global Nanotechnology in Energy Market Size Markets, 2021 & 2028

4.1.2 Carbon nanotubes

4.1.3 Fullerene

4.1.4 Others

#### 4.2 By Type - Global Nanotechnology in Energy Revenue & Forecasts

4.2.1 By Type - Global Nanotechnology in Energy Revenue, 2017-2022

4.2.2 By Type - Global Nanotechnology in Energy Revenue, 2023-2028

4.2.3 By Type - Global Nanotechnology in Energy Revenue Market Share, 2017-2028

### 5 SIGHTS BY APPLICATION

#### 5.1 Overview

5.1.1 By Application - Global Nanotechnology in Energy Market Size, 2021 & 2028

5.1.2 Photovoltaic Film Coating

5.1.3 Fuel Cells and Batteries

5.1.4 Thermoelectric Materials

5.1.5 Aerogels

5.1.6 Others

#### 5.2 By Application - Global Nanotechnology in Energy Revenue & Forecasts

5.2.1 By Application - Global Nanotechnology in Energy Revenue, 2017-2022

5.2.2 By Application - Global Nanotechnology in Energy Revenue, 2023-2028

5.2.3 By Application - Global Nanotechnology in Energy Revenue Market Share, 2017-2028

### 6 SIGHTS BY REGION

6.1 By Region - Global Nanotechnology in Energy Market Size, 2021 & 2028

#### 6.2 By Region - Global Nanotechnology in Energy Revenue & Forecasts

6.2.1 By Region - Global Nanotechnology in Energy Revenue, 2017-2022

6.2.2 By Region - Global Nanotechnology in Energy Revenue, 2023-2028

6.2.3 By Region - Global Nanotechnology in Energy Revenue Market Share, 2017-2028

#### 6.3 North America

6.3.1 By Country - North America Nanotechnology in Energy Revenue, 2017-2028

6.3.2 US Nanotechnology in Energy Market Size, 2017-2028

6.3.3 Canada Nanotechnology in Energy Market Size, 2017-2028

6.3.4 Mexico Nanotechnology in Energy Market Size, 2017-2028

#### 6.4 Europe

6.4.1 By Country - Europe Nanotechnology in Energy Revenue, 2017-2028

6.4.2 Germany Nanotechnology in Energy Market Size, 2017-2028

6.4.3 France Nanotechnology in Energy Market Size, 2017-2028

6.4.4 U.K. Nanotechnology in Energy Market Size, 2017-2028

6.4.5 Italy Nanotechnology in Energy Market Size, 2017-2028

6.4.6 Russia Nanotechnology in Energy Market Size, 2017-2028

6.4.7 Nordic Countries Nanotechnology in Energy Market Size, 2017-2028

6.4.8 Benelux Nanotechnology in Energy Market Size, 2017-2028

## 6.5 Asia

6.5.1 By Region - Asia Nanotechnology in Energy Revenue, 2017-2028

6.5.2 China Nanotechnology in Energy Market Size, 2017-2028

6.5.3 Japan Nanotechnology in Energy Market Size, 2017-2028

6.5.4 South Korea Nanotechnology in Energy Market Size, 2017-2028

6.5.5 Southeast Asia Nanotechnology in Energy Market Size, 2017-2028

6.5.6 India Nanotechnology in Energy Market Size, 2017-2028

## 6.6 South America

6.6.1 By Country - South America Nanotechnology in Energy Revenue, 2017-2028

6.6.2 Brazil Nanotechnology in Energy Market Size, 2017-2028

6.6.3 Argentina Nanotechnology in Energy Market Size, 2017-2028

## 6.7 Middle East & Africa

6.7.1 By Country - Middle East & Africa Nanotechnology in Energy Revenue, 2017-2028

6.7.2 Turkey Nanotechnology in Energy Market Size, 2017-2028

6.7.3 Israel Nanotechnology in Energy Market Size, 2017-2028

6.7.4 Saudi Arabia Nanotechnology in Energy Market Size, 2017-2028

6.7.5 UAE Nanotechnology in Energy Market Size, 2017-2028

## 7 PLAYERS PROFILES

### 7.1 Nano Dimension

7.1.1 Nano Dimension Corporate Summary

7.1.2 Nano Dimension Business Overview

7.1.3 Nano Dimension Nanotechnology in Energy Major Product Offerings

7.1.4 Nano Dimension Nanotechnology in Energy Revenue in Global Market (2017-2022)

7.1.5 Nano Dimension Key News

### 7.2 Ablynx

7.2.1 Ablynx Corporate Summary

7.2.2 Ablynx Business Overview



- 7.2.3 Ablynx Nanotechnology in Energy Major Product Offerings
- 7.2.4 Ablynx Nanotechnology in Energy Revenue in Global Market (2017-2022)
- 7.2.5 Ablynx Key News
- 7.3 Advance reproductions corporation
  - 7.3.1 Advance reproductions corporation Corporate Summary
  - 7.3.2 Advance reproductions corporation Business Overview
  - 7.3.3 Advance reproductions corporation Nanotechnology in Energy Major Product Offerings
  - 7.3.4 Advance reproductions corporation Nanotechnology in Energy Revenue in Global Market (2017-2022)
  - 7.3.5 Advance reproductions corporation Key News
- 7.4 Z-medica LLC
  - 7.4.1 Z-medica LLC Corporate Summary
  - 7.4.2 Z-medica LLC Business Overview
  - 7.4.3 Z-medica LLC Nanotechnology in Energy Major Product Offerings
  - 7.4.4 Z-medica LLC Nanotechnology in Energy Revenue in Global Market (2017-2022)
  - 7.4.5 Z-medica LLC Key News
- 7.5 InMat Inc
  - 7.5.1 InMat Inc Corporate Summary
  - 7.5.2 InMat Inc Business Overview
  - 7.5.3 InMat Inc Nanotechnology in Energy Major Product Offerings
  - 7.5.4 InMat Inc Nanotechnology in Energy Revenue in Global Market (2017-2022)
  - 7.5.5 InMat Inc Key News
- 7.6 Solarmar energy, Inc
  - 7.6.1 Solarmar energy, Inc Corporate Summary
  - 7.6.2 Solarmar energy, Inc Business Overview
  - 7.6.3 Solarmar energy, Inc Nanotechnology in Energy Major Product Offerings
  - 7.6.4 Solarmar energy, Inc Nanotechnology in Energy Revenue in Global Market (2017-2022)
  - 7.6.5 Solarmar energy, Inc Key News
- 7.7 APS material, Inc
  - 7.7.1 APS material, Inc Corporate Summary
  - 7.7.2 APS material, Inc Business Overview
  - 7.7.3 APS material, Inc Nanotechnology in Energy Major Product Offerings
  - 7.7.4 APS material, Inc Nanotechnology in Energy Revenue in Global Market (2017-2022)
  - 7.7.5 APS material, Inc Key News
- 7.8 Solar Botanic Ltd
  - 7.8.1 Solar Botanic Ltd Corporate Summary

- 7.8.2 Solar Botanic Ltd Business Overview
- 7.8.3 Solar Botanic Ltd Nanotechnology in Energy Major Product Offerings
- 7.8.4 Solar Botanic Ltd Nanotechnology in Energy Revenue in Global Market (2017-2022)
- 7.8.5 Solar Botanic Ltd Key News
- 7.9 Rogue Valley Micro
  - 7.9.1 Rogue Valley Micro Corporate Summary
  - 7.9.2 Rogue Valley Micro Business Overview
  - 7.9.3 Rogue Valley Micro Nanotechnology in Energy Major Product Offerings
  - 7.9.4 Rogue Valley Micro Nanotechnology in Energy Revenue in Global Market (2017-2022)
  - 7.9.5 Rogue Valley Micro Key News
- 7.10 Advanced Nanoproducs
  - 7.10.1 Advanced Nanoproducs Corporate Summary
  - 7.10.2 Advanced Nanoproducs Business Overview
  - 7.10.3 Advanced Nanoproducs Nanotechnology in Energy Major Product Offerings
  - 7.10.4 Advanced Nanoproducs Nanotechnology in Energy Revenue in Global Market (2017-2022)
  - 7.10.5 Advanced Nanoproducs Key News

## **8 CONCLUSION**

## **9 APPENDIX**

- 9.1 Note
- 9.2 Examples of Clients
- 9.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Nanotechnology in Energy Market Opportunities & Trends in Global Market

Table 2. Nanotechnology in Energy Market Drivers in Global Market

Table 3. Nanotechnology in Energy Market Restraints in Global Market

Table 4. Key Players of Nanotechnology in Energy in Global Market

Table 5. Top Nanotechnology in Energy Players in Global Market, Ranking by Revenue (2021)

Table 6. Global Nanotechnology in Energy Revenue by Companies, (US\$, Mn), 2017-2022

Table 7. Global Nanotechnology in Energy Revenue Share by Companies, 2017-2022

Table 8. Global Companies Nanotechnology in Energy Product Type

Table 9. List of Global Tier 1 Nanotechnology in Energy Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 10. List of Global Tier 2 and Tier 3 Nanotechnology in Energy Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 11. By Type – Global Nanotechnology in Energy Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Type - Nanotechnology in Energy Revenue in Global (US\$, Mn), 2017-2022

Table 13. By Type - Nanotechnology in Energy Revenue in Global (US\$, Mn), 2023-2028

Table 14. By Application – Global Nanotechnology in Energy Revenue, (US\$, Mn), 2021 & 2028

Table 15. By Application - Nanotechnology in Energy Revenue in Global (US\$, Mn), 2017-2022

Table 16. By Application - Nanotechnology in Energy Revenue in Global (US\$, Mn), 2023-2028

Table 17. By Region – Global Nanotechnology in Energy Revenue, (US\$, Mn), 2021 & 2028

Table 18. By Region - Global Nanotechnology in Energy Revenue (US\$, Mn), 2017-2022

Table 19. By Region - Global Nanotechnology in Energy Revenue (US\$, Mn), 2023-2028

Table 20. By Country - North America Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2022

Table 21. By Country - North America Nanotechnology in Energy Revenue, (US\$, Mn),

2023-2028

Table 22. By Country - Europe Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2022

Table 23. By Country - Europe Nanotechnology in Energy Revenue, (US\$, Mn), 2023-2028

Table 24. By Region - Asia Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2022

Table 25. By Region - Asia Nanotechnology in Energy Revenue, (US\$, Mn), 2023-2028

Table 26. By Country - South America Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - South America Nanotechnology in Energy Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - Middle East & Africa Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2022

Table 29. By Country - Middle East & Africa Nanotechnology in Energy Revenue, (US\$, Mn), 2023-2028

Table 30. Nano Dimension Corporate Summary

Table 31. Nano Dimension Nanotechnology in Energy Product Offerings

Table 32. Nano Dimension Nanotechnology in Energy Revenue (US\$, Mn), (2017-2022)

Table 33. Ablynx Corporate Summary

Table 34. Ablynx Nanotechnology in Energy Product Offerings

Table 35. Ablynx Nanotechnology in Energy Revenue (US\$, Mn), (2017-2022)

Table 36. Advance reproductions corporation Corporate Summary

Table 37. Advance reproductions corporation Nanotechnology in Energy Product Offerings

Table 38. Advance reproductions corporation Nanotechnology in Energy Revenue (US\$, Mn), (2017-2022)

Table 39. Z-medica LLC Corporate Summary

Table 40. Z-medica LLC Nanotechnology in Energy Product Offerings

Table 41. Z-medica LLC Nanotechnology in Energy Revenue (US\$, Mn), (2017-2022)

Table 42. InMat Inc Corporate Summary

Table 43. InMat Inc Nanotechnology in Energy Product Offerings

Table 44. InMat Inc Nanotechnology in Energy Revenue (US\$, Mn), (2017-2022)

Table 45. Solarmar energy, Inc Corporate Summary

Table 46. Solarmar energy, Inc Nanotechnology in Energy Product Offerings

Table 47. Solarmar energy, Inc Nanotechnology in Energy Revenue (US\$, Mn), (2017-2022)

Table 48. APS material, Inc Corporate Summary

Table 49. APS material, Inc Nanotechnology in Energy Product Offerings

Table 50. APS material, Inc Nanotechnology in Energy Revenue (US\$, Mn),

(2017-2022)

Table 51. Solar Botanic Ltd Corporate Summary

Table 52. Solar Botanic Ltd Nanotechnology in Energy Product Offerings

Table 53. Solar Botanic Ltd Nanotechnology in Energy Revenue (US\$, Mn),

(2017-2022)

Table 54. Rogue Valley Micro Corporate Summary

Table 55. Rogue Valley Micro Nanotechnology in Energy Product Offerings

Table 56. Rogue Valley Micro Nanotechnology in Energy Revenue (US\$, Mn),

(2017-2022)

Table 57. Advanced Nanoproducs Corporate Summary

Table 58. Advanced Nanoproducs Nanotechnology in Energy Product Offerings

Table 59. Advanced Nanoproducs Nanotechnology in Energy Revenue (US\$, Mn),

(2017-2022)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Nanotechnology in Energy Segment by Type in 2021
- Figure 2. Nanotechnology in Energy Segment by Application in 2021
- Figure 3. Global Nanotechnology in Energy Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global Nanotechnology in Energy Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global Nanotechnology in Energy Revenue, 2017-2028 (US\$, Mn)
- Figure 7. The Top 3 and 5 Players Market Share by Nanotechnology in Energy Revenue in 2021
- Figure 8. By Type - Global Nanotechnology in Energy Revenue Market Share, 2017-2028
- Figure 9. By Application - Global Nanotechnology in Energy Revenue Market Share, 2017-2028
- Figure 10. By Region - Global Nanotechnology in Energy Revenue Market Share, 2017-2028
- Figure 11. By Country - North America Nanotechnology in Energy Revenue Market Share, 2017-2028
- Figure 12. US Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2028
- Figure 13. Canada Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2028
- Figure 14. Mexico Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2028
- Figure 15. By Country - Europe Nanotechnology in Energy Revenue Market Share, 2017-2028
- Figure 16. Germany Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2028
- Figure 17. France Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2028
- Figure 18. U.K. Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2028
- Figure 19. Italy Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2028
- Figure 20. Russia Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2028
- Figure 21. Nordic Countries Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2028
- Figure 22. Benelux Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2028
- Figure 23. By Region - Asia Nanotechnology in Energy Revenue Market Share, 2017-2028
- Figure 24. China Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2028
- Figure 25. Japan Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2028
- Figure 26. South Korea Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2028
- Figure 27. Southeast Asia Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2028
- Figure 28. India Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2028

Figure 29. By Country - South America Nanotechnology in Energy Revenue Market Share, 2017-2028

Figure 30. Brazil Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2028

Figure 31. Argentina Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2028

Figure 32. By Country - Middle East & Africa Nanotechnology in Energy Revenue Market Share, 2017-2028

Figure 33. Turkey Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2028

Figure 34. Israel Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2028

Figure 35. Saudi Arabia Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2028

Figure 36. UAE Nanotechnology in Energy Revenue, (US\$, Mn), 2017-2028

Figure 37. Nano Dimension Nanotechnology in Energy Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 38. Ablynx Nanotechnology in Energy Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 39. Advance reproductions corporation Nanotechnology in Energy Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 40. Z-medica LLC Nanotechnology in Energy Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 41. InMat Inc Nanotechnology in Energy Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 42. Solarmar energy, Inc Nanotechnology in Energy Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 43. APS material, Inc Nanotechnology in Energy Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 44. Solar Botanic Ltd Nanotechnology in Energy Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 45. Rogue Valley Micro Nanotechnology in Energy Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 46. Advanced Nanoproducts Nanotechnology in Energy Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)



## I would like to order

Product name: Nanotechnology in Energy Market, Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/N398A97FDF5DEN.html>

Price: US\$ 3,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/N398A97FDF5DEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970