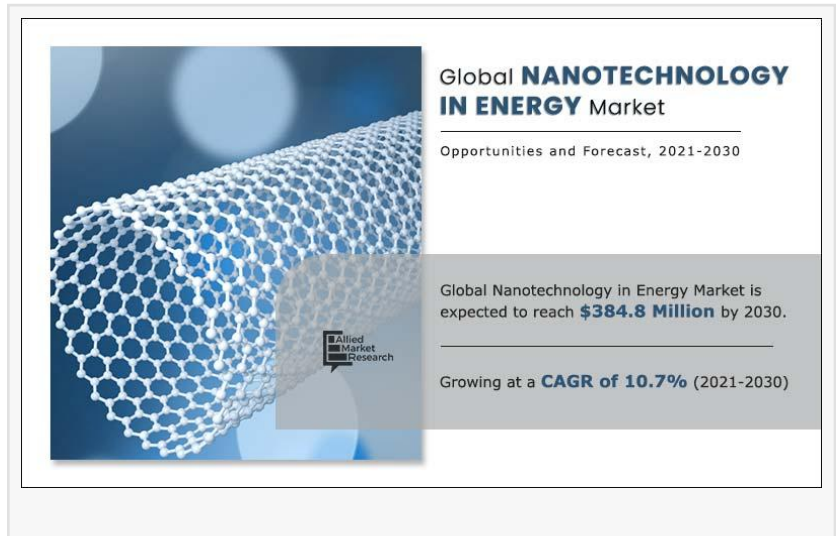


Nanotechnology in Energy Market: Valued at \$139.7M in 2020, Projected to Reach \$384.8M by 2030

WILMINGTON, DE , UNITED STATES, July 3, 2024 /EINPresswire.com/ -- The global [nanotechnology in energy market](https://www.alliedmarketresearch.com/nanotechnology-in-energy-market) size was valued at \$139.7 million in 2020, and is projected to reach \$384.8 million by 2030, with global nanotechnology in energy market forecast expected at a CAGR of 10.7% from 2021 to 2030

Request a sample report:
<https://www.alliedmarketresearch.com/request-sample/5588>



Nanotechnology has various uses in sectors such as construction, energy, and medical. Increase in investments to develop various electric vehicles and hydrogen fuel cell-based vehicles among developing countries such as India, China, and Brazil. In addition, developed countries such as the U.S., France, Italy, Spain, and other European countries have invested in hydrogen fuel cell-based infrastructural activities. In electric transportation vehicles nanoparticles can be used with li-ion battery to increase efficiency of energy source. Developed and developing countries around the world are investing in infrastructure development, which includes transportation infrastructure where nano-composites are used to improve safety and increase fuel efficiency for longer period. In addition, carbon nano tubes are used in construction materials to increase durability of buildings. These factors are expected to create ample growth opportunities for the nanotechnology in energy market .

Report ID: AMR202407030001

- Report Title: Nanotechnology in Energy Market
- Report Code: AMR202407030001
- Report Size: 100 Pages
- Report Format: PDF
- Report Language: English
- Report Region: Global
- Report Date: July 2024
- Report Author: Allied Market Research
- Report Category: Technology
- Report Sub-Category: Energy
- Report Status: Published
- Report Price: \$1500
- Report Discount: 10%
- Report Delivery: Instant
- Report Access: 24/7
- Report Support: 24/7
- Report Updates: Free
- Report Revisions: Free
- Report Delivery: Instant
- Report Access: 24/7
- Report Support: 24/7
- Report Updates: Free
- Report Revisions: Free

□□ □□□□□□□□□□
Photovoltaic Film Coating
Fuel cells and Batteries
Thermoelectric Materials
Aerogels

□□ □□□ □□□
Electrical
Manufacturing
Renewable & non-renewable energy
Others

□□□ □□□□□□ □□□□□□□□

InMat, Inc.
Nano Dimension
SolarMar energy Inc.
Advance reproductions corporation
Z-medica
LLC
Advanced Nanoproducts
Rogue Valley Micro
APS material Inc.
Solar Botanic Ltd.
Ablynx

□□□ □□□ & □□□ □□□□□□□□□□ □□□□□□□□ □□ □□□□ □□□□□□:

<https://www.alliedmarketresearch.com/checkout-final/e8673e48e1f73064962f2b08294b66a2>

Production of nano particles is little dangerous for working staff as these particles can be inhaled and settle in the human body such as brain and lungs. This situation can cause significant increase in biomarkers for inflammation and stress. The above-mentioned human health issues and low consumer response are some of the primary reasons that restrain the nanotechnology in energy market growth.

On the basis of material type, the global nanotechnology in energy market is segmented into nanostructured material, carbon nanotubes, fullerene, others. The applications covered in the study include photovoltaic film coating, fuel cells and batteries, thermoelectric materials and aerogels. The end uses covered in the study include electrical, manufacturing, renewable & non-renewable energy and others.

Region wise, the market is studied across North America, Europe, Asia-Pacific, and LAMEA.

Presently, North America accounts for the largest share of the market, followed by Asia-Pacific and Europe.

For more information, contact the analyst at:

<https://www.alliedmarketresearch.com/connect-to-analyst/5588>

For more information, contact the analyst at:

The Asia-Pacific nanotechnology in energy market is projected to grow at the highest CAGR of around xx%, in terms of revenue, during the forecast period.

By material type, the carbon nanotubes segment accounted for the largest market share in 2020.

On the basis of application, fuel cells and batteries segment accounted for the largest market share in 2020

On the basis of end use, the electrical segment accounted for the largest market share in 2020.

David Correa

Allied Market Research

+1 800-792-5285

[email us here](#)

Visit us on social media:

[Facebook](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/724821497>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2024 Newsmatics Inc. All Right Reserved.