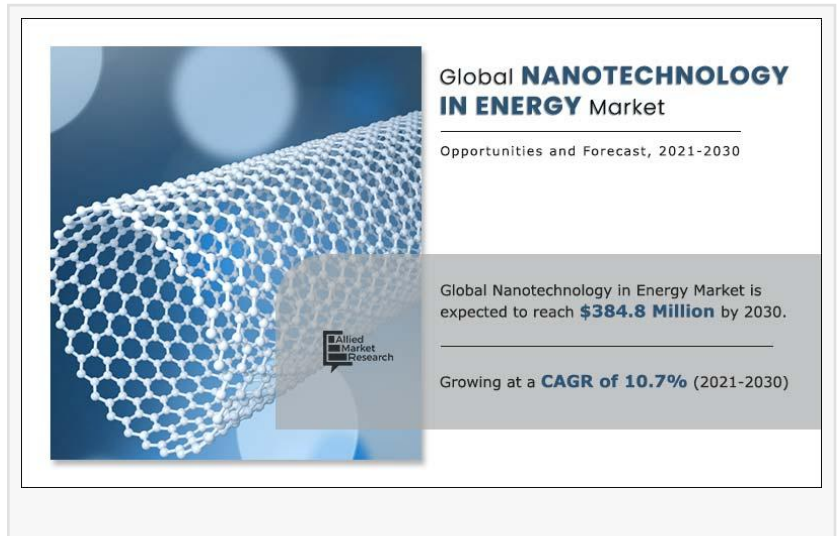


Nanotechnology in Energy Market Surging from \$139.7 Million in 2020 to \$384.8 Million by 2030

WILMINGTON, DE , UNITED STATES, July 16, 2024 /EINPresswire.com/ -- The global [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

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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: 5588

- Report Title: Nanostructured material
- Report Subtitle: Carbon nanotubes
- Report Category: Fullerene
- Report Region: Others

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

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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.

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