

Comprehensive Report on Small Modular Reactor Market 2020 | Share, Growth Opportunities & Forecast by 2027

Market Size – USD 4.57 Billion in 2019, Market Growth - CAGR of 11.9%, Market trends –Deployment in brownfield sites.

VANCOUVER, BC, CANADA, May 18, 2022 /EINPresswire.com/ -- The global [Small Modular Reactor \(SMR\) Market](#) is forecasted to be worth USD 10.42 Billion by 2027, according to a new report by Emergen Research. The growing interest in a small modular reactor is fueled by the need to reduce

the impact of capital cost and provide power separate from a large power grid. There is a growing demand for smaller and simpler units for the generation of energy from nuclear power, which is driving the demand for small module reactors.



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The growing need for flexible and affordable power sources and investment by the government in R&D is driving the demand for the market.

The population explosion has led to massive demand in electricity, and the growing need for efficient usage of energy systems has led to the utilization of nuclear energy. Nuclear energy is a source of clean and reliable energy and provides a platform for the deployment of a small module reactor. SMRs are advantageous as there is no need for on-site manufacturing and thus reduces the overall cost and increases efficiency. They are useful in remote areas for

the generation of power.

Small modular reactors provide ample growth opportunities in the coming years. The advanced small modular reactors are under development in various sizes, capabilities, technology options, and deployment. They have a relatively smaller physical footprint and can be sited to different locations. It also provides distinct security and safeguards options, which will drive the demand for the product.

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Key Highlights From The Report

The high demand for solid-state LiDAR is due to its cost-effective nature. Built on a silicon chip, a solid-state LiDAR is smaller and more irrepressible to vibrations. It can also adjust its directional focus, which is desirable for autonomous vehicle designers.

The autonomous vehicle is witnessing an increased demand as it helps reduce traffic congestion resulting in the efficient delivery of goods and services. It also facilitates better fuel efficiency and reduces carbon monoxide emission.

Most of the manufacturers are testing their autonomous vehicle technologies on battery electric vehicles. A positive customer perception, advancement in technology, and intervention from the government are focusing the attention on Battery Electric Vehicles.

These LiDAR technologies are generally used on bumper and grills location. A need for a better field view without any effect on the appearance of the vehicles is leading the demand for this segment.

North America dominated the market for automotive LiDAR with a 53.9% share in 2019. The mandatory regulations by the government for the installation of safety technologies and the high rate of adoption of advanced technologies will drive the demand of the market.

Key participants include Delphi Automotive PLC, ZF Friedrichshafen AG, Velodyne LiDAR, Inc., First Sensor AG, Continental AG, Infineon Technologies AG, Texas Instruments Incorporated, Quanergy System Inc., Leddartech Inc., and Innoviz Technologies Ltd., among others.

To know more about the report @ <https://www.emergenresearch.com/industry-report/small-modular-reactor-market>

Key questions addressed in the report:

What market size is the global Small Modular Reactor market expected to reach over the forecast period?

Which leading players are operating in the global Small Modular Reactor market?

Which factors are expected to hamper global market growth throughout the forecast period?

Which key factors are expected to driver global Small Modular Reactor market during the forecast period?

Which application segment is expected to register fastest revenue CAGR over the forecast period?

Which region is expected to register fastest revenue CAGR between 2021 and 2028?

What are the key outcomes of Porter's Five Forces analysis and SWOT analysis?

as well as new entrants in the market. It focuses on the recent mergers & acquisitions, joint ventures, collaborations, partnerships, licensing agreements, brand promotions, and product launches, among others. The report also provides details about the company overview, business expansion plans, product portfolio, manufacturing and production capacity, global market position, financial status, and consumer base.

Emergen Research has segmented into the global Automotive LiDAR Market on the basis of image type, technology, vehicle type, application, location, and region:

Image Type Outlook (Revenue, USD Billion; 2017-2027)

2D Image Type

3D-Image Type

Technology Outlook (Revenue, USD Billion; 2017-2027)

Solid-State LiDAR

Mechanical/Scanning LiDAR

Vehicle Type Outlook (Revenue, USD Billion; 2017-2027)

ICE

HEV

PHEV

Battery Electric

Application Outlook (Revenue, USD Billion; 2017-2027)

Autonomous Vehicle

Semi-autonomous vehicle

Location Outlook (Revenue, USD Billion; 2017-2027)

Bumper & Grill

Headlight & Taillight

Roofs & Upper Pillars

Others (Windscreen, Rear View Mirrors)

Regional Outlook: (Revenue, USD Billion; 2018-2028)

North America (U.S.) (Canada) (Mexico)

Europe (Germany) (UK) (France) (BENELUX) (Rest of Europe)

Asia Pacific (China) (Japan) (South Korea) (Rest of APAC)

Latin America (Brazil) (Rest of LATAM)

The study explores in details about the recent trend fast gaining momentum in the Small Modular Reactor industry due to factors including but not limited to growing customer preference and a sudden rise in their spending capacity. Aspects attributed to the gross margin, profit, supply chain management and product value and their considerable impact on the development of the Small Modular Reactor market during the forecast period, 2020 – 2027 is carefully scrutinized during the research.

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Table of Contents:

Chapter 1 includes an introduction of the global Small Modular Reactor Market, along with a comprehensive market overview, market scope, product offerings, and an investigation of the market drivers, growth opportunities, risks, restraints, and other vital factors.

Chapter 2 offers an in-depth analysis of the key manufacturers engaged in this business vertical, along with their sales and revenue estimations.

Chapter 3 elaborates on the highly competitive terrain of the market, highlighting the key manufacturers and vendors.

In Chapter 4, our team has fragmented the Small Modular Reactor market on the basis of regions, underscoring the sales, revenue, and market share of each region over the forecast timeline.

Chapters 5 and 6 have laid emphasis on the Small Modular Reactor market segmentation based on product type and application

Thank you for reading our report. Please get in touch with us if you have any query regarding the report or its customization. Our team will ensure the report is best suited to your needs.

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