

Global Recyclable Thermoset Market 2023

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Abstracts

LiDAR, short for light detection and ranging, is a remote sensing technique that utilizes laser light to accurately measure distances and construct highly detailed 3D maps of the surrounding environment. The utilization of LiDAR software plays a critical role in the processing and analysis of data acquired by LiDAR sensors, enabling its application across various industries including forestry and environmental studies, surveying and mapping, automotive, as well as construction and infrastructure.

According to the latest estimates, the global LiDAR software market is set to achieve an incremental growth of USD 408.8 million, accelerating at a CAGR of almost 13.12% during the forecast period 2023-2029. In surveying and mapping, LiDAR technology is extensively employed to create precise and comprehensive topographic maps, digital elevation models, and 3D terrain data. The functionality provided by LiDAR software facilitates the manipulation and interpretation of LiDAR data, generating valuable insights that find utility across multiple sectors. In the automotive industry, particular attention is given to developing advanced LiDAR solutions aimed at enhancing existing features of advanced driver assistance systems (ADAS). LiDAR software assumes a pivotal role in processing LiDAR data to enable autonomous driving and other ADAS applications.

The construction sector is progressively embracing LiDAR solutions to accomplish tasks such as site planning, monitoring construction progress, and conducting structural evaluations. LiDAR software aids in producing accurate measurements, identifying potential issues, and optimizing construction processes.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global LiDAR software market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for

opportunities and strategies based on market trends and leading competitors' approaches.

Market Segmentation

Technology: mechanical, solid state

Product: processing software, mapping software, simulation software

Deployment: airborne, terrestrial

End user: construction, automotive, survey and mapping, forestry and environmental, others

Region: North America, Europe, China, Asia-Pacific (ex. China), Rest of the World

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the technology, product, deployment, end user, and region. The global market for LiDAR software can be segmented by technology: mechanical, solid state. The mechanical segment was the largest contributor to the global LiDAR software market in 2022. LiDAR software market is further segmented by product: processing software, mapping software, simulation software. According to the research, the mapping software segment had the largest share in the global LiDAR software market. Based on deployment, the LiDAR software market is segmented into: airborne, terrestrial. The terrestrial segment held the largest revenue share in 2022. On the basis of end user, the LiDAR software market also can be divided into: construction, automotive, survey and mapping, forestry and environmental, others. Globally, the construction segment made up the largest share of the LiDAR software market. LiDAR software market by region is categorized into: North America, Europe, China, Asia-Pacific (ex. China), Rest of the World. Europe was the largest contributor to the global LiDAR software market in 2022.

Major Companies and Competitive Landscape

The report also provides analysis of the key companies of the industry and their detailed company profiles including Aeva Inc., Blickfeld GmbH, Greenvallley International B.V., Innoviz Technologies Ltd., LeddarTech Inc., Leica Geosystems Inc., Outsight SA, Quanergy Systems, Inc., Seoul Robotics Co., Ltd., Shanghai Huace Navigation Technology Ltd., Shanghai Huace Navigation Technology Ltd. (CHC Navigation), Teledyne Technologies Incorporated, Velodyne Lidar, Inc., among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

Scope of the Report

To analyze and forecast the market size of the global LiDAR software market.

To classify and forecast the global LiDAR software market based on technology, product, deployment, end user, region.

To identify drivers and challenges for the global LiDAR software market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global LiDAR software market.

To identify and analyze the profile of leading players operating in the global LiDAR software market.

Why Choose This Report

Gain a reliable outlook of the global LiDAR software market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

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