

Seismic Survey Market CAGR to be at 5.9% from 2025 to 2029 | \$13.01 Billion Industry Revenue by 2029

*The Business Research Company's
Seismic Survey Global Market Report
2025 – Market Size, Trends, And Global
Forecast 2025-2034*

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What Is The Projected Market Size & Growth Rate Of The Seismic Survey Market?

In the last few years, there has been a substantial growth in the [seismic survey market size](#). It is



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projected to expand from \$9.84 billion in 2024 to \$10.35 billion in 2025, with a compound annual growth rate (CAGR) of 5.2%. The significant growth during previous years can be attributed to factors such as heightened demand for effective exploration methods, a surge in usage in the oil and gas sector, increased implementation in the mining sector, expansion in the geological exploration industries, and investments in infrastructure.

Expectations are high for a robust expansion in the seismic survey market size over the next few years, with a

projected growth to a whopping \$13.01 billion in 2029. This represents a compound annual growth rate (CAGR) of 5.9%. Factors potentially driving growth within this forecast timeline include an intensified focus on energy efficiency, escalating environmental concerns, depleting reserves, burgeoning exploration needs, growing demand for renewable energy sources, and a heightened adoption of automated and unmanned survey vehicles. Looking into the future, major trends likely to dominate the period include technological innovations in oil and gas extraction, advances in seismic technologies, the introduction of environment-friendly seismic survey technologies and equipment, strategic alliances, and the launch of advanced solutions.

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What Is The Crucial Factor Driving The [Global Seismic Survey Market](#)?

The seismic survey market is poised for expansion due to the increasing demand for oil and gas. Oil and gas are natural resources, harnessed from beneath the earth's surface, which serve as primary sources of energy and fuel. These resources' exploration heavily relies on seismic surveys, a method utilized to visualize the earth's subsurface by documenting the oscillations triggered by seismic waves. This technique aids in observing oil and gas fields and enhancing production. For example, the U.S. Energy Information Administration, a U.S.-based federal statistical system tasked with energy data collection, processing, and distribution, predicted in July 2023 that U.S. crude oil production will rise to 12.6 million barrels per day in 2023, up from the peak of 11.89 million barrels per day in 2022, forecasting a further increase to 12.85 million barrels per day in 2024. Moreover, according to the International Energy Agency, an independent intergovernmental organization based in Paris, the U.S. recorded an average daily consumption of 86.6 billion cubic feet of natural gas in 2022, marking the highest yearly natural gas consumption in the U.S. compared to previous years. Consequently, the escalating demand for oil and gas bolsters the seismic survey market's growth.

Who Are The Emerging Players In The Seismic Survey Market?

Major players in the Seismic Survey Global Market Report 2025 include:

- China National Petroleum Corporation
- Schlumberger Limited (SLB) Limited
- Fugro N.V.
- CGG SA
- Petroleum Geo-Services ASA
- Terra Seis Group
- TGS Nopec Geophysical ASA
- Shearwater Geoservices Limited
- Global Geophysical Services Inc.
- SAEExploration Inc.

What Are The Key Trends Shaping The Seismic Survey Industry?

Leading organizations in the seismic survey sector are concentrating on bringing forward innovations such as advanced processing methods to improve imaging quality and provide comprehensive insights about the subsurface. Advanced processing methods allude to innovative and sophisticated techniques applied in diverse industries to elevate efficiency, quality, and accuracy of the production processes. To illustrate, in July 2024, TGS, an American corporation known for advanced data and intelligence, introduced a seismic survey aiming to cover more than 1,800 kilometers. This new seismic survey kicked off in the Seram Basin, Indonesia, spanning over 1,800 kilometers of 2D seismic data. Advanced processing approaches like PSTM, PSDM, and FWI will be implemented to enhance subsurface imaging. The project is

geared towards imaging beneath the shallow carbonates in the Seram thrust belt to signify active petroleum systems. This is the fifth seismic survey initiated in the region this year.

What Segments Are Covered In The Seismic Survey Market Report?

The seismic survey market covered in this report is segmented –

- 1) By Type: Reflection, Refraction, Surface-Wave
- 2) By Service Type: Data Interpretation, Data Processing, Data Acquisition
- 3) By Deployment: Offshore, Onshore
- 4) By Technology: 2D Imaging, 3D Imaging, 4D Imaging
- 5) By Application: Oil And Gas, Geological Exploration, Mining, Other Applications

Subsegments:

- 1) By Reflection: 2D Reflection Surveys, 3D Reflection Surveys, Pre-Stack And Post-Stack Analysis
- 2) By Refraction: Seismic Refraction Surveys, Tomography Techniques, Layered Models And Analysis
- 3) By Surface-Wave: Rayleigh Wave Analysis, Love Wave Analysis, Multi-Channel Analysis Of Surface Waves

View the full seismic survey market report:

<https://www.thebusinessresearchcompany.com/report/seismic-survey-global-market-report>

Which Region Is Projected To Hold The Largest Market Share In The Global Seismic Survey Market?

The Seismic Survey Global Market Report 2025 indicated North America as the leading region for the mentioned year, with a prediction for its growth. The report encompasses various regions including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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