

# Oil And Gas Drones Global Market Predicted To Reach \$12.67 Billion In 2025

*The Business Research Company's Oil And Gas Drones Global Market Report 2025 – Market Size, Trends, And Forecast 2025-2034*

LONDON, GREATER LONDON, UNITED KINGDOM, May 20, 2025

/EINPresswire.com/ -- The explosive

impact of technological advancement

and rising regulatory approvals support the oil and gas drones market's staggering growth. From a notable \$9.36 billion in 2024, the market size is forecasted to reach \$12.67 billion in 2025, marking up a compound annual growth rate CAGR of 35.4%. This growth is driven by strides in drone technology, growing acceptance of drone usage in the oil and gas sector, and escalating

demand for cost-effective examination and monitoring solutions. Furthermore, a heightened focus on worker safety and risk minimization amplifies this market growth.



The Business Research Company's Latest Report Explores Market Driver, Trends, Regional Insights - Market Sizing & Forecasts Through 2034"

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Is the Oil And Gas Drones Market Set to Witness Substantial Growth?

Looking beyond 2025, the oil and gas drones market is set to experience a continued upswing. Projections estimate a surge to \$42.21 billion in 2029, marking another significant CAGR of 35.1%. This expected growth trend can be attributed to a substantial shift towards autonomous

drone operations and swarm technology. Simultaneously, an increase in hyperspectral imaging for asset inspection and environmental monitoring, growth of data analytics and predictive maintenance capabilities for drone-collected data, and expansion of drone applications beyond inspection play key roles in propelling the market forward. Major trends extending this period include the integration of artificial intelligence and machine learning into drone systems, the development of long-range and endurance drones for extended surveillance, drones' adoption for methane detection, and emissions monitoring, along with the expansion of offshore drilling activities.

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### What Drives The Oil And Gas Drones Market Growth?

Exploring driving forces of this bullish trend, in particular, government investment emerges as a major growth propellant of the oil and gas drones market. Government investment refers to the allocation of funds by a government towards various initiatives or sectors to achieve specific objectives – economic development, infrastructure improvement, innovation promotion, or social welfare. Through fostering innovation, facilitating collaboration, addressing regulatory challenges, and supporting infrastructure development, governmental investment crucially shapes the trajectory of drone technology adoption in the oil and gas sector.

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### Who Are The Key Players In The Oil And Gas Drones Market?

Key industry players impacting the global oil and gas drones market include significant names such as The Boeing Company, GE Aviation, BAE Systems plc, Yamaha Motor Co. Ltd., DJI Enterprise, AeroVironment Inc., Yuneec International, Skydio Inc., XAG Co. Ltd., senseFly SA, Microdrones GmbH, Flyability SA, Quantum-Systems GmbH, Shenzhen Autel Robotics Co. Ltd., PrecisionHawk Inc., Teal Drones Inc., Ascending Technologies Inc., Freefly Systems Inc., Aeryon Labs Inc., Vantage Robotics Inc., Garuda Robotics Private Limited, Guangzhou EHang Intelligent Technology Co. Ltd., and Volansi Inc. These companies have tapped into innovative solutions, such as integrated drone solutions, to escalate their market profitability. Integrated drone solutions are driving innovation and transformation in the oil and gas sector, empowering companies to leverage advanced aerial technologies for improved efficiency, safety, and decision-making capabilities.

### How Is The Oil And Gas Drones Market Segmented?

The oil and gas drones market is broadly segmented by type – Single Rotor, Multi Rotor, Fixed Wing, Hybrid and Nano; by Applications – Inspection, Security and Emergency Response, Surveying and mapping; and by End-Use – Construction, Agriculture, Mining, Oil and Gas, and Other End-Use. Breakdown of these segments include:

- By Single Rotor: Conventional Single Rotor, Coaxial Single Rotor
- By Multi Rotor: Quadcopters, Hexacopters, Octocopters, and Other Multi-Rotor Variants
- By Fixed Wing: Conventional Fixed Wing, Hybrid Fixed Wing

### What Is The Regional Analysis Of Oil And Gas Drones Market?

In terms of regional insights, North America claim the largest oil and gas drones market share in 2024. Other regions covered in the report include Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

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