

# Global Hydrogen-powered VTOL Aircraft Market Growth 2024-2030

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## Abstracts

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Hydrogen-powered VTOL (Vertical Takeoff and Landing) Aircraft is an aerial vehicle that utilizes hydrogen as its primary source of energy for propulsion and lift. VTOL aircraft are capable of taking off, hovering, and landing vertically without the need for a runway, making them versatile for various applications, including urban air mobility, aerial transportation, and cargo delivery.

The global Hydrogen-powered VTOL Aircraft market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of % from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "Hydrogen-powered VTOL Aircraft Industry Forecast" looks at past sales and reviews total world Hydrogen-powered VTOL Aircraft sales in 2023, providing a comprehensive analysis by region and market sector of projected Hydrogen-powered VTOL Aircraft sales for 2024 through 2030. With Hydrogen-powered VTOL Aircraft sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Hydrogen-powered VTOL Aircraft industry.

This Insight Report provides a comprehensive analysis of the global Hydrogen-powered VTOL Aircraft landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Hydrogen-powered VTOL Aircraft portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique

position in an accelerating global Hydrogen-powered VTOL Aircraft market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Hydrogen-powered VTOL Aircraft and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Hydrogen-powered VTOL Aircraft.

United States market for Hydrogen-powered VTOL Aircraft is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Hydrogen-powered VTOL Aircraft is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Hydrogen-powered VTOL Aircraft is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Hydrogen-powered VTOL Aircraft players cover LYTE Aviation, Sirius Aviation AG, Doosan Mobility Innovation, ZeroAvia, Alaka'i Technologies, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Hydrogen-powered VTOL Aircraft market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Fixed-wing

Rotary-wing

Segmentation by Application:

Air Taxis Industry

Cargo Drones Industry

Aerial Surveillance and Reconnaissance

Emergency Medical Services (EMS)

Search and Rescue (SAR)

Military and Defense

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

## Europe

Germany

France

UK

Italy

Russia

## Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

LYTE Aviation

Sirius Aviation AG

Doosan Mobility Innovation

ZeroAvia

Alaka'i Technologies

Urban Aeronautics

AMSL Aero Pty Ltd

JOUAV

H2FLY

H3 Dynamics

FlyH2 Aerospace

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Hydrogen-powered VTOL Aircraft market?

What factors are driving Hydrogen-powered VTOL Aircraft market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Hydrogen-powered VTOL Aircraft market opportunities vary by end market size?

How does Hydrogen-powered VTOL Aircraft break out by Type, by Application?

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