

# Vertical Mobility Market By Type (Air Taxi, Drone, Others) , By Service Type (Inspection, Good Delivery, Passenger, Support Service) By End-user (Military, Commercial) : Global Opportunity Analysis and Industry Forecast, 2024-2033

<https://marketpublishers.com/r/VB31156B9512EN.html>

Date: November 2024

Pages: 434

Price: US\$ 2,790.00 (Single User License)

ID: VB31156B9512EN

## Abstracts

### Vertical Mobility Market

The vertical mobility market was valued at \$7.3 billion in 2023 and is projected to reach \$23.2 billion by 2033, growing at a CAGR of 12.5% from 2024 to 2033.

Vertical mobility involves the movement of individuals or objects from ground level to different vertical levels in the air. This is typically accomplished using technologies such as urban air mobility and vertical takeoff & landing aircraft. These types of aircraft are particularly designed for short-distance operations in urban environments. The benefits of using vertical mobility include alleviation of urban mobility, easy access to remote & hard-to-reach areas, and quick on-demand mode of transportation.

Exponentially increasing urbanization has resulted in excessive congestion, traffic jams, and crowds in cities. This fuels the need for alternative modes of transportation to bypass road traffic, which drives the growth of the vertical mobility market. Furthermore, innovations in technology such as electric propulsion systems, autonomous flight systems, and fast charging times augment the market development significantly. A notable trend acquiring traction in the vertical mobility market is the prioritization of sustainability. Manufacturers are focusing on the incorporation of ingenious features & materials such as carbon fiber composites, renewable energy, and lithium-ion batteries to reduce the carbon footprint associated with the development & operation of vertical mobility systems.

However, the uncertain regulatory landscape of vertical mobility established by regulatory bodies such as the U.S. Federal Aviation Administration and the European Union Aviation Safety Agency delays the approval process, hampering the development of the market. On the contrary, the ability of vertical mobility to support multiple industries, including goods, inspection, and passenger services is anticipated to present lucrative opportunities for the market. For instance, Porsche Consulting—a leading management consultancy in Germany—predicts that vertical mobility exhibits the potential to make the goods, inspection, and passenger services industry worth \$74 billion collectively by 2035. Therefore, the vertical mobility market is currently at an infant stage and is poised to witness several new avenues in the future.

## Segment Review

The vertical mobility market is segmented into type, service type, end user, and region. On the basis of type, the market is divided into air taxi, drone, and others. Depending on service type, it is classified into inspection, good delivery, passenger, and support service. As per end user, it is bifurcated into military and commercial. Region wise, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

## Key Findings

On the basis of type, the drone segment is expected to dominate the market during the forecast period.

Depending on service type, the passenger segment is projected to account for a high share of the market from 2024 to 2033.

As per end user, the commercial segment is predicted to be the highest shareholder throughout the forecast period.

Region wise, North America is anticipated to be the highest revenue generator by 2033.

## Competition Analysis

The leading players in the global vertical mobility market include Airbus S.A.S., Aurora Flight Sciences Corporation, Lilium GmbH, SkyDrive Inc., SureFly, Vahana, Volocopter GmbH, VotAero, EHang, and Embraer SA. These major players have adopted various key development strategies such as business expansion, new product launches, and

partnerships to strengthen their foothold in the competitive market.

Additional benefits you will get with this purchase are:

Quarterly Update and\* (only available with a corporate license, on listed price)

5 additional Company Profile of client Choice pre- or Post-purchase, as a free update.

Free Upcoming Version on the Purchase of Five and Enterprise User License.

16 analyst hours of support\* (post-purchase, if you find additional data requirements upon review of the report, you may receive support amounting to 16 analyst hours to solve questions, and post-sale queries)

15% Free Customization\* (in case the scope or segment of the report does not match your requirements, 15% is equivalent to 3 working days of free work, applicable once)

Free data Pack on the Five and Enterprise User License. (Excel version of the report)

Free Updated report if the report is 6-12 months old or older.

24-hour priority response\*

Free Industry updates and white papers.

Possible Customization with this report (with additional cost and timeline, please talk to the sales executive to know more)

Market share analysis of players by products/segments

Additional company profiles with specific to client's interest

SWOT Analysis

## Key Market Segments

### By Type

Air Taxi

Drone

Others

### By Service Type

Inspection

Good Delivery

Passenger

Support Service

### By End-user

Military

Commercial

### By Region

North America

U.S.

Canada

Mexico

Europe

France

Germany

Italy

Spain

UK

Russia

Rest of Europe

Asia-Pacific

China

Japan

India

South Korea

Rest of Asia-Pacific

LAMEA

Latin America

Middle East

Africa

Key Market Players

Airbus S.A.S.

Aurora Flight Sciences Corporation.

Lilium GmbH

SkyDrive Inc.

SureFly

Vahana

Volocopter GmbH

VotAero

EHang

Embraer SA

## Contents

### **CHAPTER 1: INTRODUCTION**

- 1.1. Report Description
- 1.2. Key Market Segments
- 1.3. Key Benefits
- 1.4. Research Methodology
  - 1.4.1. Primary Research
  - 1.4.2. Secondary Research
  - 1.4.3. Analyst Tools and Models

### **CHAPTER 2: EXECUTIVE SUMMARY**

- 2.1. CXO Perspective

### **CHAPTER 3: MARKET LANDSCAPE**

- 3.1. Market Definition and Scope
- 3.2. Key Findings
  - 3.2.1. Top Investment Pockets
  - 3.2.2. Top Winning Strategies
- 3.3. Porter's Five Forces Analysis
  - 3.3.1. Bargaining Power of Suppliers
  - 3.3.2. Threat of New Entrants
  - 3.3.3. Threat of Substitutes
  - 3.3.4. Competitive Rivalry
  - 3.3.5. Bargaining Power among Buyers
- 3.4. Market Dynamics
  - 3.4.1. Drivers
  - 3.4.2. Restraints
  - 3.4.3. Opportunities

### **CHAPTER 4: VERTICAL MOBILITY MARKET, BY TYPE**

- 4.1. Market Overview
  - 4.1.1 Market Size and Forecast, By Type
- 4.2. Air Taxi
  - 4.2.1. Key Market Trends, Growth Factors and Opportunities

- 4.2.2. Market Size and Forecast, By Region
- 4.2.3. Market Share Analysis, By Country
- 4.3. Drone
  - 4.3.1. Key Market Trends, Growth Factors and Opportunities
  - 4.3.2. Market Size and Forecast, By Region
  - 4.3.3. Market Share Analysis, By Country
- 4.4. Others
  - 4.4.1. Key Market Trends, Growth Factors and Opportunities
  - 4.4.2. Market Size and Forecast, By Region
  - 4.4.3. Market Share Analysis, By Country

## **CHAPTER 5: VERTICAL MOBILITY MARKET, BY SERVICE TYPE**

- 5.1. Market Overview
  - 5.1.1 Market Size and Forecast, By Service Type
- 5.2. Inspection
  - 5.2.1. Key Market Trends, Growth Factors and Opportunities
  - 5.2.2. Market Size and Forecast, By Region
  - 5.2.3. Market Share Analysis, By Country
- 5.3. Good Delivery
  - 5.3.1. Key Market Trends, Growth Factors and Opportunities
  - 5.3.2. Market Size and Forecast, By Region
  - 5.3.3. Market Share Analysis, By Country
- 5.4. Passenger
  - 5.4.1. Key Market Trends, Growth Factors and Opportunities
  - 5.4.2. Market Size and Forecast, By Region
  - 5.4.3. Market Share Analysis, By Country
- 5.5. Support Service
  - 5.5.1. Key Market Trends, Growth Factors and Opportunities
  - 5.5.2. Market Size and Forecast, By Region
  - 5.5.3. Market Share Analysis, By Country

## **CHAPTER 6: VERTICAL MOBILITY MARKET, BY END-USER**

- 6.1. Market Overview
  - 6.1.1 Market Size and Forecast, By End-user
- 6.2. Military
  - 6.2.1. Key Market Trends, Growth Factors and Opportunities
  - 6.2.2. Market Size and Forecast, By Region

- 6.2.3. Market Share Analysis, By Country
- 6.3. Commercial
  - 6.3.1. Key Market Trends, Growth Factors and Opportunities
  - 6.3.2. Market Size and Forecast, By Region
  - 6.3.3. Market Share Analysis, By Country

## **CHAPTER 7: VERTICAL MOBILITY MARKET, BY REGION**

- 7.1. Market Overview
  - 7.1.1 Market Size and Forecast, By Region
- 7.2. North America
  - 7.2.1. Key Market Trends and Opportunities
  - 7.2.2. Market Size and Forecast, By Type
  - 7.2.3. Market Size and Forecast, By Service Type
  - 7.2.4. Market Size and Forecast, By End-user
  - 7.2.5. Market Size and Forecast, By Country
  - 7.2.6. U.S. Vertical Mobility Market
    - 7.2.6.1. Market Size and Forecast, By Type
    - 7.2.6.2. Market Size and Forecast, By Service Type
    - 7.2.6.3. Market Size and Forecast, By End-user
  - 7.2.7. Canada Vertical Mobility Market
    - 7.2.7.1. Market Size and Forecast, By Type
    - 7.2.7.2. Market Size and Forecast, By Service Type
    - 7.2.7.3. Market Size and Forecast, By End-user
  - 7.2.8. Mexico Vertical Mobility Market
    - 7.2.8.1. Market Size and Forecast, By Type
    - 7.2.8.2. Market Size and Forecast, By Service Type
    - 7.2.8.3. Market Size and Forecast, By End-user
- 7.3. Europe
  - 7.3.1. Key Market Trends and Opportunities
  - 7.3.2. Market Size and Forecast, By Type
  - 7.3.3. Market Size and Forecast, By Service Type
  - 7.3.4. Market Size and Forecast, By End-user
  - 7.3.5. Market Size and Forecast, By Country
  - 7.3.6. France Vertical Mobility Market
    - 7.3.6.1. Market Size and Forecast, By Type
    - 7.3.6.2. Market Size and Forecast, By Service Type
    - 7.3.6.3. Market Size and Forecast, By End-user
  - 7.3.7. Germany Vertical Mobility Market

- 7.3.7.1. Market Size and Forecast, By Type
- 7.3.7.2. Market Size and Forecast, By Service Type
- 7.3.7.3. Market Size and Forecast, By End-user
- 7.3.8. Italy Vertical Mobility Market
  - 7.3.8.1. Market Size and Forecast, By Type
  - 7.3.8.2. Market Size and Forecast, By Service Type
  - 7.3.8.3. Market Size and Forecast, By End-user
- 7.3.9. Spain Vertical Mobility Market
  - 7.3.9.1. Market Size and Forecast, By Type
  - 7.3.9.2. Market Size and Forecast, By Service Type
  - 7.3.9.3. Market Size and Forecast, By End-user
- 7.3.10. UK Vertical Mobility Market
  - 7.3.10.1. Market Size and Forecast, By Type
  - 7.3.10.2. Market Size and Forecast, By Service Type
  - 7.3.10.3. Market Size and Forecast, By End-user
- 7.3.11. Russia Vertical Mobility Market
  - 7.3.11.1. Market Size and Forecast, By Type
  - 7.3.11.2. Market Size and Forecast, By Service Type
  - 7.3.11.3. Market Size and Forecast, By End-user
- 7.3.12. Rest Of Europe Vertical Mobility Market
  - 7.3.12.1. Market Size and Forecast, By Type
  - 7.3.12.2. Market Size and Forecast, By Service Type
  - 7.3.12.3. Market Size and Forecast, By End-user
- 7.4. Asia-Pacific
  - 7.4.1. Key Market Trends and Opportunities
  - 7.4.2. Market Size and Forecast, By Type
  - 7.4.3. Market Size and Forecast, By Service Type
  - 7.4.4. Market Size and Forecast, By End-user
  - 7.4.5. Market Size and Forecast, By Country
  - 7.4.6. China Vertical Mobility Market
    - 7.4.6.1. Market Size and Forecast, By Type
    - 7.4.6.2. Market Size and Forecast, By Service Type
    - 7.4.6.3. Market Size and Forecast, By End-user
  - 7.4.7. Japan Vertical Mobility Market
    - 7.4.7.1. Market Size and Forecast, By Type
    - 7.4.7.2. Market Size and Forecast, By Service Type
    - 7.4.7.3. Market Size and Forecast, By End-user
  - 7.4.8. India Vertical Mobility Market
    - 7.4.8.1. Market Size and Forecast, By Type

- 7.4.8.2. Market Size and Forecast, By Service Type
- 7.4.8.3. Market Size and Forecast, By End-user
- 7.4.9. South Korea Vertical Mobility Market
  - 7.4.9.1. Market Size and Forecast, By Type
  - 7.4.9.2. Market Size and Forecast, By Service Type
  - 7.4.9.3. Market Size and Forecast, By End-user
- 7.4.10. Rest of Asia-Pacific Vertical Mobility Market
  - 7.4.10.1. Market Size and Forecast, By Type
  - 7.4.10.2. Market Size and Forecast, By Service Type
  - 7.4.10.3. Market Size and Forecast, By End-user
- 7.5. LAMEA
  - 7.5.1. Key Market Trends and Opportunities
  - 7.5.2. Market Size and Forecast, By Type
  - 7.5.3. Market Size and Forecast, By Service Type
  - 7.5.4. Market Size and Forecast, By End-user
  - 7.5.5. Market Size and Forecast, By Country
  - 7.5.6. Latin America Vertical Mobility Market
    - 7.5.6.1. Market Size and Forecast, By Type
    - 7.5.6.2. Market Size and Forecast, By Service Type
    - 7.5.6.3. Market Size and Forecast, By End-user
  - 7.5.7. Middle East Vertical Mobility Market
    - 7.5.7.1. Market Size and Forecast, By Type
    - 7.5.7.2. Market Size and Forecast, By Service Type
    - 7.5.7.3. Market Size and Forecast, By End-user
  - 7.5.8. Africa Vertical Mobility Market
    - 7.5.8.1. Market Size and Forecast, By Type
    - 7.5.8.2. Market Size and Forecast, By Service Type
    - 7.5.8.3. Market Size and Forecast, By End-user

## **CHAPTER 8: COMPETITIVE LANDSCAPE**

- 8.1. Introduction
- 8.2. Top Winning Strategies
- 8.3. Product Mapping Of Top 10 Player
- 8.4. Competitive Dashboard
- 8.5. Competitive Heatmap
- 8.6. Top Player Positioning, 2023

## **CHAPTER 9: COMPANY PROFILES**

*Vertical Mobility Market By Type (Air Taxi, Drone, Others) , By Service Type (Inspection, Good Delivery, Passe...*

## 9.1. Airbus S.A.S.

- 9.1.1. Company Overview
- 9.1.2. Key Executives
- 9.1.3. Company Snapshot
- 9.1.4. Operating Business Segments
- 9.1.5. Product Portfolio
- 9.1.6. Business Performance
- 9.1.7. Key Strategic Moves and Developments

## 9.2. Aurora Flight Sciences Corporation.

- 9.2.1. Company Overview
- 9.2.2. Key Executives
- 9.2.3. Company Snapshot
- 9.2.4. Operating Business Segments
- 9.2.5. Product Portfolio
- 9.2.6. Business Performance
- 9.2.7. Key Strategic Moves and Developments

## 9.3. Lilium GmbH

- 9.3.1. Company Overview
- 9.3.2. Key Executives
- 9.3.3. Company Snapshot
- 9.3.4. Operating Business Segments
- 9.3.5. Product Portfolio
- 9.3.6. Business Performance
- 9.3.7. Key Strategic Moves and Developments

## 9.4. SkyDrive Inc.

- 9.4.1. Company Overview
- 9.4.2. Key Executives
- 9.4.3. Company Snapshot
- 9.4.4. Operating Business Segments
- 9.4.5. Product Portfolio
- 9.4.6. Business Performance
- 9.4.7. Key Strategic Moves and Developments

## 9.5. SureFly

- 9.5.1. Company Overview
- 9.5.2. Key Executives
- 9.5.3. Company Snapshot
- 9.5.4. Operating Business Segments
- 9.5.5. Product Portfolio

- 9.5.6. Business Performance
- 9.5.7. Key Strategic Moves and Developments
- 9.6. Vahana
  - 9.6.1. Company Overview
  - 9.6.2. Key Executives
  - 9.6.3. Company Snapshot
  - 9.6.4. Operating Business Segments
  - 9.6.5. Product Portfolio
  - 9.6.6. Business Performance
  - 9.6.7. Key Strategic Moves and Developments
- 9.7. Volocopter GmbH
  - 9.7.1. Company Overview
  - 9.7.2. Key Executives
  - 9.7.3. Company Snapshot
  - 9.7.4. Operating Business Segments
  - 9.7.5. Product Portfolio
  - 9.7.6. Business Performance
  - 9.7.7. Key Strategic Moves and Developments
- 9.8. VotAero
  - 9.8.1. Company Overview
  - 9.8.2. Key Executives
  - 9.8.3. Company Snapshot
  - 9.8.4. Operating Business Segments
  - 9.8.5. Product Portfolio
  - 9.8.6. Business Performance
  - 9.8.7. Key Strategic Moves and Developments
- 9.9. EHang
  - 9.9.1. Company Overview
  - 9.9.2. Key Executives
  - 9.9.3. Company Snapshot
  - 9.9.4. Operating Business Segments
  - 9.9.5. Product Portfolio
  - 9.9.6. Business Performance
  - 9.9.7. Key Strategic Moves and Developments
- 9.10. Embraer SA
  - 9.10.1. Company Overview
  - 9.10.2. Key Executives
  - 9.10.3. Company Snapshot
  - 9.10.4. Operating Business Segments

9.10.5. Product Portfolio

9.10.6. Business Performance

9.10.7. Key Strategic Moves and Developments

## I would like to order

Product name: Vertical Mobility Market By Type (Air Taxi, Drone, Others) , By Service Type (Inspection, Good Delivery, Passenger, Support Service) By End-user (Military, Commercial) : Global Opportunity Analysis and Industry Forecast, 2024-2033

Product link: <https://marketpublishers.com/r/VB31156B9512EN.html>

Price: US\$ 2,790.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/VB31156B9512EN.html>