

# **Urban Air Mobility (UAM) Vertiport Infrastructure Market Forecasts to 2034 – Global Analysis By Component (Landing Pads / Take-off Pads, Charging Infrastructure, Passenger Terminals, Air Traffic Management Systems and Safety & Security Systems), Vertiport Type, Facility Type, Propulsion Type, End User and By Geography**

<https://marketpublishers.com/r/UF9E62021122EN.html>

Date: March 2026

Pages: 200

Price: US\$ 4,150.00 (Single User License)

ID: UF9E62021122EN

## **Abstracts**

According to Statistics MRC, the Global Urban Air Mobility (UAM) Vertiport Infrastructure Market is accounted for \$0.79 billion in 2026 and is expected to reach \$6.83 billion by 2034 growing at a CAGR of 30.8% during the forecast period. Urban Air Mobility (UAM) vertiport infrastructure refers to the physical and digital facilities designed to support the safe, efficient operation of electric vertical takeoff and landing (eVTOL) aircraft within urban environments. It includes landing pads, passenger terminals, charging and energy systems, air traffic management integration, maintenance areas, and connectivity platforms. These purpose-built hubs enable seamless multimodal transport by linking aerial mobility with ground networks. UAM vertiport infrastructure is engineered to meet stringent safety, regulatory, and sustainability requirements while accommodating high frequency operations in dense metropolitan settings, forming the backbone of future urban aerial transportation ecosystems.

### **Market Dynamics:**

Driver:

Rising urban congestion and need for faster mobility

Rapid urbanization and worsening traffic congestion in major metropolitan areas are intensifying the demand for faster, more efficient transportation alternatives. Urban Air Mobility solutions, supported by vertiport infrastructure, offer a viable pathway to bypass ground bottlenecks and significantly reduce travel times. Governments and city planners are increasingly prioritizing advanced air mobility within smart-city roadmaps. This growing urgency to enhance urban transport efficiency is accelerating investments in vertiport networks and related enabling infrastructure worldwide.

#### Restraint:

##### High capital and construction costs

The development of UAM vertiport infrastructure requires substantial upfront capital for land acquisition, specialized construction, advanced charging systems, and safety compliance. These high initial investments create financial barriers for new entrants and slow large-scale deployment. Additionally, integrating vertiports into dense urban environments often involves complex engineering and retrofitting costs. Budget constraints among municipalities and uncertain near term returns on investment further limit project viability, making cost intensity a significant restraint for widespread market expansion.

#### Opportunity:

##### Technological advancements and automation

Continuous innovation in automation, digital air traffic management, smart energy systems, and AI-driven passenger handling is creating strong growth opportunities for vertiport infrastructure providers. Advanced technologies enhance operational efficiency, safety, and scalability of vertiport networks. Integration of predictive maintenance, autonomous ground handling, and real-time data platforms is transforming vertiports into intelligent mobility hubs. As eVTOL ecosystems mature, these technological breakthroughs are expected to reduce operating costs and unlock new commercial use cases across passenger and cargo applications.

#### Threat:

##### Regulatory uncertainty and slow permitting

Evolving aviation regulations, fragmented airspace governance, and lengthy permitting procedures pose significant risks to timely vertiport deployment. Many countries are still developing certification frameworks for eVTOL operations and associated ground infrastructure. This regulatory ambiguity can delay project approvals, increase compliance costs, and discourage private investment. Furthermore, coordination challenges between aviation authorities, urban planners, and local governments may create bottlenecks, potentially slowing the commercialization timeline of urban air mobility ecosystems.

### **Covid-19 Impact:**

The COVID-19 pandemic initially slowed investments in urban mobility infrastructure due to supply chain disruptions, workforce limitations, and reduced capital spending. However, the crisis also accelerated interest in contactless, decentralized transportation solutions, indirectly supporting the long-term outlook for Urban Air Mobility. Post-pandemic recovery has renewed focus on resilient and flexible transport systems, prompting governments and private players to revisit advanced air mobility strategies. As economic activity normalizes, vertiport development pipelines are gradually regaining momentum worldwide.

The urban vertiports segment is expected to be the largest during the forecast period

The urban vertiports segment is expected to account for the largest market share during the forecast period, due to the concentration of early UAM deployments in densely populated metropolitan areas. Cities represent the primary use case for air taxi services, emergency mobility, and premium urban transport. Strong smart-city initiatives, availability of rooftop and repurposed infrastructure, and government-backed pilot programs are further supporting segment dominance. As urban congestion intensifies globally, demand for centrally located vertiport hubs is expected to remain the strongest.

The cargo & logistics segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the cargo & logistics segment is predicted to witness the highest growth rate, due to rising demand for rapid, high-value, and time-sensitive deliveries. E-commerce expansion, medical supply transport, and last-mile aerial logistics are key drivers accelerating adoption. Compared to passenger services, cargo operations face fewer regulatory and public acceptance barriers, enabling earlier commercialization. As companies seek faster and more flexible supply chain solutions,

dedicated cargo vertiports and drone logistics hubs are expected to witness robust investment and deployment.

### **Region with largest share:**

During the forecast period, the North America region is expected to hold the largest market share, due to strong presence of leading eVTOL developers, advanced aviation infrastructure, and supportive regulatory initiatives. The region benefits from significant investments by technology firms, aerospace companies, and infrastructure developers. Early pilot programs, and active involvement from federal aviation authorities are accelerating commercialization. Additionally, high urban congestion levels in major U.S. cities and strong defense interest in advanced air mobility are reinforcing the region's leadership position.

### **Region with highest CAGR:**

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR, owing to growing government focus on next-generation mobility solutions. Countries such as China, Japan, South Korea, and India are actively exploring Urban Air Mobility to address severe traffic congestion. Rising smart-city investments, improving regulatory frameworks, and increasing participation from regional aerospace and technology firms are further boosting market momentum. The region's large population base and infrastructure modernization efforts create strong long-term growth potential.

### **Key players in the market**

Some of the key players in Urban Air Mobility (UAM) Vertiport Infrastructure Market include Skyports Infrastructure, Urban-Air Port Ltd., Volocopter GmbH, Lilium GmbH, EHang Holdings Limited, Joby Aviation, Beta Technologies, Archer Aviation, Hyundai Motor Group (Supernal), Honeywell International Inc., Ferrovial S.E., Aeroports de Paris (Groupe ADP), Unibail-Rodamco-Westfield (URW), Skyway Technologies Corp. and VPorts.

### **Key Developments:**

In January 2026, Honeywell and Flexjet finalized a comprehensive settlement resolving all pending litigation and related claims, while simultaneously renewing their aircraft engine maintenance agreement through 2035. The deal restores their commercial

partnership and establishes a collaborative framework for long-term operational cooperation and service continuity.

In October 2025, Honeywell and LS ELECTRIC formed a global strategic partnership to co-develop integrated power management, switchgear, and AI-enabled battery energy storage solutions for data centers and commercial buildings, aiming to boost energy efficiency, resilience, and reduce costly downtime.

#### Components Covered:

Landing Pads / Take-off Pads

Charging Infrastructure

Passenger Terminals

Air Traffic Management Systems

Safety & Security Systems

#### Vertiport Types Covered:

Urban Vertiports

Suburban Vertiports

Rural Vertiports

#### Facility Types Covered:

Public Vertiports

Private Vertiports

#### Propulsion Types Covered:

Electric Vertical Take-Off and Landing (eVTOL)

Hybrid Vertical Take-Off and Landing

End Users Covered:

Commuter Services

Cargo & Logistics

Emergency Services

Tourism & Leisure

Regions Covered:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Italy

Spain

Netherlands

Belgium

Sweden

Switzerland

Poland

Rest of Europe

#### Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Thailand

Malaysia

Singapore

Vietnam

Rest of Asia Pacific

#### South America

Brazil

Argentina

Colombia

Chile

Peru

Rest of South America

Rest of the World (RoW)

Middle East

Saudi Arabia

United Arab Emirates

Qatar

Israel

Rest of Middle East

Africa

South Africa

Egypt

Morocco

Rest of Africa

**What our report offers:**

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2023, 2024, 2025, 2026, 2027, 2028, 2030, 2032

and 2034

- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

### **Free Customization Offerings:**

All the customers of this report will be entitled to receive one of the following free customization options:

#### Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

#### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

#### Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

## Contents

### **1 EXECUTIVE SUMMARY**

- 1.1 Market Snapshot and Key Highlights
- 1.2 Growth Drivers, Challenges, and Opportunities
- 1.3 Competitive Landscape Overview
- 1.4 Strategic Insights and Recommendations

### **2 RESEARCH FRAMEWORK**

- 2.1 Study Objectives and Scope
- 2.2 Stakeholder Analysis
- 2.3 Research Assumptions and Limitations
- 2.4 Research Methodology
  - 2.4.1 Data Collection (Primary and Secondary)
  - 2.4.2 Data Modeling and Estimation Techniques
  - 2.4.3 Data Validation and Triangulation
  - 2.4.4 Analytical and Forecasting Approach

### **3 MARKET DYNAMICS AND TREND ANALYSIS**

- 3.1 Market Definition and Structure
- 3.2 Key Market Drivers
- 3.3 Market Restraints and Challenges
- 3.4 Growth Opportunities and Investment Hotspots
- 3.5 Industry Threats and Risk Assessment
- 3.6 Technology and Innovation Landscape
- 3.7 Emerging and High-Growth Markets
- 3.8 Regulatory and Policy Environment
- 3.9 Impact of COVID-19 and Recovery Outlook

### **4 COMPETITIVE AND STRATEGIC ASSESSMENT**

- 4.1 Porter's Five Forces Analysis
  - 4.1.1 Supplier Bargaining Power
  - 4.1.2 Buyer Bargaining Power
  - 4.1.3 Threat of Substitutes
  - 4.1.4 Threat of New Entrants

- 4.1.5 Competitive Rivalry
- 4.2 Market Share Analysis of Key Players
- 4.3 Product Benchmarking and Performance Comparison

## **5 GLOBAL URBAN AIR MOBILITY (UAM) VERTIPOINT INFRASTRUCTURE MARKET, BY COMPONENT**

- 5.1 Landing Pads / Take-off Pads
- 5.2 Charging Infrastructure
- 5.3 Passenger Terminals
- 5.4 Air Traffic Management Systems
- 5.5 Safety & Security Systems

## **6 GLOBAL URBAN AIR MOBILITY (UAM) VERTIPOINT INFRASTRUCTURE MARKET, BY VERTIPOINT TYPE**

- 6.1 Urban Vertipoints
- 6.2 Suburban Vertipoints
- 6.3 Rural Vertipoints

## **7 GLOBAL URBAN AIR MOBILITY (UAM) VERTIPOINT INFRASTRUCTURE MARKET, BY FACILITY TYPE**

- 7.1 Public Vertipoints
- 7.2 Private Vertipoints

## **8 GLOBAL URBAN AIR MOBILITY (UAM) VERTIPOINT INFRASTRUCTURE MARKET, BY PROPULSION TYPE**

- 8.1 Electric Vertical Take-Off and Landing (eVTOL)
- 8.2 Hybrid Vertical Take-Off and Landing

## **9 GLOBAL URBAN AIR MOBILITY (UAM) VERTIPOINT INFRASTRUCTURE MARKET, BY END USER**

- 9.1 Commuter Services
- 9.2 Cargo & Logistics
- 9.3 Emergency Services
- 9.4 Tourism & Leisure

## **10 GLOBAL URBAN AIR MOBILITY (UAM) VERTIPORT INFRASTRUCTURE MARKET, BY GEOGRAPHY**

### 10.1 North America

10.1.1 United States

10.1.2 Canada

10.1.3 Mexico

### 10.2 Europe

10.2.1 United Kingdom

10.2.2 Germany

10.2.3 France

10.2.4 Italy

10.2.5 Spain

10.2.6 Netherlands

10.2.7 Belgium

10.2.8 Sweden

10.2.9 Switzerland

10.2.10 Poland

10.2.11 Rest of Europe

### 10.3 Asia Pacific

10.3.1 China

10.3.2 Japan

10.3.3 India

10.3.4 South Korea

10.3.5 Australia

10.3.6 Indonesia

10.3.7 Thailand

10.3.8 Malaysia

10.3.9 Singapore

10.3.10 Vietnam

10.3.11 Rest of Asia Pacific

### 10.4 South America

10.4.1 Brazil

10.4.2 Argentina

10.4.3 Colombia

10.4.4 Chile

10.4.5 Peru

10.4.6 Rest of South America

## 10.5 Rest of the World (RoW)

### 10.5.1 Middle East

#### 10.5.1.1 Saudi Arabia

#### 10.5.1.2 United Arab Emirates

#### 10.5.1.3 Qatar

#### 10.5.1.4 Israel

#### 10.5.1.5 Rest of Middle East

### 10.5.2 Africa

#### 10.5.2.1 South Africa

#### 10.5.2.2 Egypt

#### 10.5.2.3 Morocco

#### 10.5.2.4 Rest of Africa

## 11 STRATEGIC MARKET INTELLIGENCE

### 11.1 Industry Value Network and Supply Chain Assessment

### 11.2 White-Space and Opportunity Mapping

### 11.3 Product Evolution and Market Life Cycle Analysis

### 11.4 Channel, Distributor, and Go-to-Market Assessment

## 12 INDUSTRY DEVELOPMENTS AND STRATEGIC INITIATIVES

### 12.1 Mergers and Acquisitions

### 12.2 Partnerships, Alliances, and Joint Ventures

### 12.3 New Product Launches and Certifications

### 12.4 Capacity Expansion and Investments

### 12.5 Other Strategic Initiatives

## 13 COMPANY PROFILES

### 13.1 Skyports Infrastructure

### 13.2 Urban Air Port Ltd.

### 13.3 Volocopter GmbH

### 13.4 Lilium GmbH

### 13.5 EHang Holdings Limited

### 13.6 Joby Aviation

### 13.7 Beta Technologies

### 13.8 Archer Aviation

### 13.9 Hyundai Motor Group (Supernal)

- 13.10 Honeywell International Inc.
- 13.11 Ferrovial S.E.
- 13.12 Aeroports de Paris (Groupe ADP)
- 13.13 Unibail Rodamco Westfield (URW)
- 13.14 Skyway Technologies Corp.
- 13.15 VPorts

## List Of Tables

### LIST OF TABLES

Table 1 Global Urban Air Mobility (UAM) Vertiport Infrastructure Market Outlook, By Region (2023-2034) (\$MN)

Table 2 Global Urban Air Mobility (UAM) Vertiport Infrastructure Market Outlook, By Component (2023-2034) (\$MN)

Table 3 Global Urban Air Mobility (UAM) Vertiport Infrastructure Market Outlook, By Landing Pads / Take-off Pads (2023-2034) (\$MN)

Table 4 Global Urban Air Mobility (UAM) Vertiport Infrastructure Market Outlook, By Charging Infrastructure (2023-2034) (\$MN)

Table 5 Global Urban Air Mobility (UAM) Vertiport Infrastructure Market Outlook, By Passenger Terminals (2023-2034) (\$MN)

Table 6 Global Urban Air Mobility (UAM) Vertiport Infrastructure Market Outlook, By Air Traffic Management Systems (2023-2034) (\$MN)

Table 7 Global Urban Air Mobility (UAM) Vertiport Infrastructure Market Outlook, By Safety & Security Systems (2023-2034) (\$MN)

Table 8 Global Urban Air Mobility (UAM) Vertiport Infrastructure Market Outlook, By Vertiport Type (2023-2034) (\$MN)

Table 9 Global Urban Air Mobility (UAM) Vertiport Infrastructure Market Outlook, By Urban Vertiports (2023-2034) (\$MN)

Table 10 Global Urban Air Mobility (UAM) Vertiport Infrastructure Market Outlook, By Suburban Vertiports (2023-2034) (\$MN)

Table 11 Global Urban Air Mobility (UAM) Vertiport Infrastructure Market Outlook, By Rural Vertiports (2023-2034) (\$MN)

Table 12 Global Urban Air Mobility (UAM) Vertiport Infrastructure Market Outlook, By Facility Type (2023-2034) (\$MN)

Table 13 Global Urban Air Mobility (UAM) Vertiport Infrastructure Market Outlook, By Public Vertiports (2023-2034) (\$MN)

Table 14 Global Urban Air Mobility (UAM) Vertiport Infrastructure Market Outlook, By Private Vertiports (2023-2034) (\$MN)

Table 15 Global Urban Air Mobility (UAM) Vertiport Infrastructure Market Outlook, By Propulsion Type (2023-2034) (\$MN)

Table 16 Global Urban Air Mobility (UAM) Vertiport Infrastructure Market Outlook, By Electric Vertical Take-Off and Landing (eVTOL) (2023-2034) (\$MN)

Table 17 Global Urban Air Mobility (UAM) Vertiport Infrastructure Market Outlook, By Hybrid Vertical Take-Off and Landing (2023-2034) (\$MN)

Table 18 Global Urban Air Mobility (UAM) Vertiport Infrastructure Market Outlook, By

End User (2023-2034) (\$MN)

Table 19 Global Urban Air Mobility (UAM) Vertiport Infrastructure Market Outlook, By  
Commuter Services (2023-2034) (\$MN)

Table 20 Global Urban Air Mobility (UAM) Vertiport Infrastructure Market Outlook, By  
Cargo & Logistics (2023-2034) (\$MN)

Table 21 Global Urban Air Mobility (UAM) Vertiport Infrastructure Market Outlook, By  
Emergency Services (2023-2034) (\$MN)

Table 22 Global Urban Air Mobility (UAM) Vertiport Infrastructure Market Outlook, By  
Tourism & Leisure (2023-2034) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Rest of the World  
(RoW) Regions are also represented in the same manner as above.

## I would like to order

Product name: Urban Air Mobility (UAM) Vertiport Infrastructure Market Forecasts to 2034 – Global Analysis By Component (Landing Pads / Take-off Pads, Charging Infrastructure, Passenger Terminals, Air Traffic Management Systems and Safety & Security Systems), Vertiport Type, Facility Type, Propulsion Type, End User and By Geography

Product link: <https://marketpublishers.com/r/UF9E62021122EN.html>

Price: US\$ 4,150.00 (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/UF9E62021122EN.html>