

# Global Advanced Aerial Mobility Market Size study, by Mode of Operation (Piloted and Autonomous), by End-Use (Cargo and Passenger), by Propulsion Type (Parallel Hybrid, Electric, Turboshaft, and Turboelectric) and Regional Forecasts 2021-2027

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## Abstracts

Global advanced aerial mobility market is valued approximately at USD XX billion in 2020 and is anticipated to grow with a healthy growth rate of about XX% over the forecast period 2021-2027. Advanced aerial mobility refers to an emerging sector that aims to operate and develop new air vehicles that are potentially capable of reliable, low-noise and safe vertical flight. Advanced aerial mobility uses eVTOL (electric vertical takeoff and landing) aircraft that are runway independent, short range, and highly automated. Such technologies alter the movement of people and cargo which affects different industries in the economy. The global advanced aerial mobility market is being driven by rise in demand for time-efficient delivery services and increasing adoption of electric vertical take-off and landing aircraft. Furthermore, technological advancements will provide new opportunities for the global advanced aerial mobility industry. Also, there have been large scale investments in electric vertical takeoff and landing aircrafts which promotes the market growth. For instance, in 2021, Avolon announced a collaborative investment in eVTOL with nearly USD 2 billion order from Vertical Aerospace. Also, Joby Aviation invested a total amount worth USD 721 million in eVTOL as of 2020. Such investments are likely to fuel developments in advanced aerial mobility as eVTOL accounts to be its major component. Hence, this would boost the market growth. However, cybersecurity issues associated with drones may impede market growth over the forecast period of 2021-2027.

The regional analysis of the global advanced aerial mobility is considered for the key regions such as Asia Pacific, North America, Europe, Latin America, and Rest of the

World. Europe accounts for the largest share in terms of market revenue in the global market and is anticipated to exhibit the highest growth rate over the forecast period 2021-2027. Factors such as presence of key market players in the region, favorable regulations and infrastructure pertaining to advanced aerial mobility, etc. contribute towards the largest market share of the European region. Also, advances in flying car technology coupled with flying cars development is expected to promote the market growth in the European region in the forecast years.

Major market player included in this report are:

AeroMobil

Airbus S.A.S.

Flytrex

Hyundai Motor Company

Lilium

Matternet

PAL-V International B.V.

The Boeing Company

Volocopter GmbH

Zipline

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Mode of Operation:

Piloted

Autonomous

By End-Use:

Cargo

Passenger

By Propulsion Type:

Parallel Hybrid

Electric

Turboshaft  
Turboelectric  
By Region:  
North America  
U.S.  
Canada  
Europe  
UK  
Germany  
France  
Spain  
Italy  
ROE

Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019  
Base year – 2020  
Forecast period – 2021 to 2027.

Target Audience of the Global Advanced Aerial Mobility Market in Market Study:

Key Consulting Companies & Advisors  
Large, medium-sized, and small enterprises  
Venture capitalists  
Value-Added Resellers (VARs)  
Third-party knowledge providers

Investment bankers  
Investors

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