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Europe Urban Air Mobility (UAM) Market Size study, by Vehicle Type (Piloted, Autonomous) by Application (Passenger Transport, Freighter) and Country Forecasts 2022-2032

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Abstracts

Europe Urban Air Mobility (UAM) Market is valued approximately at USD 649.04 million in 2023 and is anticipated to grow with a healthy growth rate of more than 20.90% over the forecast period 2024-2032. Urban Air Mobility (UAM) refers to a transformative concept in transportation that envisions the integration of air travel into urban landscapes to address challenges related to congestion, transportation efficiency, and environmental sustainability. UAM encompasses a range of innovative air transportation solutions, including electric vertical takeoff and landing (eVTOL) aircraft, air taxis, drones, and other aerial vehicles, designed for short-distance travel within urban and suburban areas. These aircraft are typically powered by electric or hybrid-electric propulsion systems, offering quiet, emission-free operations suitable for densely populated cities. The growing acceptance for UAM among public due to environmental benefits is a key trend that is supporting to the growth of the Europe Urban Air Mobility (UAM) Market. European governments and UAM companies taking significant step to address concerns about safety, noise pollution, and privacy.

Environmental concerns are a foremost priority in Europe. Electric UAM vehicles align perfectly with Europe's push for cleaner transportation solutions. This focus on reducing noise and emissions from urban transportation is a major driver for UAM adoption. Also, increasing demand for urban mobility solutions in congested cities, coupled with growing consumer acceptance and adoption of on-demand air travel options, are fueling the demand for Europe Urban Air Mobility (UAM) Market. Additionally, European regulators are actively involved in creating a safe and well-defined regulatory framework for UAM operations. These factors, combined with Europe's struggle with urban traffic

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congestion, are paving the way for initial UAM adoption in specific areas like inter-city travel and medical transport. Moreover, the rapid growth in advancements in eVTOL aircraft design, electric propulsion systems, battery technology, autonomous flight control, and Unmanned Traffic Management (UTM) solutions, enabling efficient, reliable, and eco-friendly UAM services. This factor creates a significant growth prospect for Europe Urban Air Mobility (UAM) Market. However, the high development, manufacturing, and operational costs associated with eVTOL aircraft and the stringent regulatory requirements and airspace restrictions is expected to stifle the market growth during the forecast period 2024-2032.

The key countries considered for the Europe Urban Air Mobility (UAM) Market study includes UK, Germany, France, Italy, Spain, and Rest of Europe. In 2023, Germany was the dominating regional market in terms of revenue. Germany's proactive approach to regulatory frameworks and standards for UAM operations, including airspace integration, safety regulations, noise management, and environmental considerations, fosters a conducive environment for the growth and adoption of Urban Air Mobility (UAM) Market in this region. Also, the growing government funding for infrastructural development projects and increasing focus on environment sustainability is driving the growth of Germany Urban Air Mobility (UAM) market. Whereas, the market in UK is expected to grow at the fastest rate over the forecast period, owing to the rising awareness, acceptance, and adoption of UAM services among consumers, businesses, and urban stakeholders, driven by convenience, safety, and the transformative potential of air mobility in addressing urban mobility challenges.

Major market player included in this report are:
Airbus SE
Volocopter GmbH
Safran SA
Company 4
Company 5
Company 6
Company 7
Company 8
Company 9
Company 10

The detailed segments and sub-segment of the market are explained below:

By Vehicle Type

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Piloted
Autonomous

By Application
Passenger Transport
Freighter

By Region:
Europe
UK
Germany
France
Spain
Italy
ROE

Years considered for the study are as follows:
Historical year – 2022
Base year – 2023
Forecast period – 2024 to 2032

Key Takeaways:
Market Estimates & Forecast for 10 years from 2022 to 2032.
Annualized revenues and Country level analysis for each market segment.
Detailed analysis of geographical landscape with Country level analysis.
Competitive landscape with information on major players in the market.
Analysis of key business strategies and recommendations on future market approach.
Analysis of competitive structure of the market.
Demand side and supply side analysis of the market

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