

BAYANAT ENGINEERING BRINGS ADVANCED METEOROLOGICAL SENSING TO DUBAI'S FIRST COMMERCIAL EVTOL VERTIPORT

News / Manufacturer



Bayanat Engineering announced its first strategic entry into the Advanced Air Mobility sector through Skyparts Infrastructure, the global leader in vertiport development. This collaboration marks a pivotal moment as Bayanat Engineering integrates a state-of-the-art meteorological sensing solution at Dubai's first commercial vertiport. To ensure the highest standards of safety and operational efficiency for eVTOL aircraft, Bayanat Engineering is deploying world-class technology from Vaisala, the global authority in weather, environmental, and industrial measurement.

eVTOL aircraft demand precise, real-time weather data to operate safely in urban environments. The Vaisala sensors deployed at the vertiport monitor wind speed, visibility, and atmospheric pressure continuously - enabling reliable, all-weather operations for the next generation of urban air travel.

His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai, Deputy Prime Minister, Minister of Defence and Chairman of The Executive Council of Dubai, recently visited the air taxi station near Dubai International Airport - the first of its kind in the world - reaffirming Dubai's commitment to leading the next era of global aviation.

Fares Bou Daher, Director of Engineering & Technology at Bayanat Engineering UAE commented: "This project represents a significant milestone for Bayanat Engineering as we expand into the vertiport sector. As Dubai moves to lead the world in commercial eVTOL services, deploying the right meteorological infrastructure is critical. This directly supports Dubai's ambition to become a global hub for sustainable urban air mobility."

Elie Hannouche, Group Managing Director of Bayanat Engineering stated: "The technical completion of the DXV vertiport is a defining moment, not just for Dubai, but for urban air mobility globally. Bayanat Engineering's role in ensuring the operational safety of this facility reflects our core mission: delivering the infrastructure that makes advanced aviation possible."



Partnering with Bayanat Engineering are two global leaders, Skyports Infrastructure and Vaisala. Skyports Infrastructure is a global leader in the design, build, and operation of vertiports and

heliports for eVTOLs and helicopters. With live operational assets in the UK and US, and projects under development across the Middle East, Europe and Asia, Skyports delivers the ground infrastructure needed for safe, efficient, and scalable vertical lift operations. It is driving the future of urban air mobility, bringing next-generation aviation to cities around the world. Vaisala is a global leader in measurement instruments and intelligence for climate action. They equip customers with devices and data to improve resource efficiency, drive energy transition, and care for the safety and well-being of people and societies worldwide. With over 90 years of innovation and expertise, it employs a team of close to 2,500 experts committed to taking every measure for the planet. Vaisala series A shares are listed on the Nasdaq Helsinki stock exchange.

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