



LYTE
AVIATION

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VI&E Solutions Sets Infrastructure/SAF and Hydrogen for 40-seat eVTOL LYTE Aviation's SkyBus in US

VI&E Solutions Partners with LYTE Aviation to Expand Refueling Options at Vertiports

Neenah, WI – November 28, 2023—Volatus Infrastructure & Energy Solutions and UK-based electric vertical take-off and landing (eVTOL) manufacturer LYTE Aviation have formed a partnership to fulfill the infrastructure requirements for all types of eVTOL technologies. VI&E Solutions will expand their refueling options to include their universal multi-modal electric charging station, sustainable aviation fuel (SAF) and hydrogen to be able to service all types of hybrid and fully electric VTOLs.

“Advanced Air Mobility will come in many different shapes, sizes and means of propulsion — including bold, game-changing designs like the LA-44 SkyBus. As infrastructure and energy providers we believe in the importance of accommodating as many designs as possible so that eVTOL operators have more safety divert options available for landing,” said Dan Sloat, VI&E Solutions CEO.

“With the rapid global embrace of our SkyBus, and its cargo variant our SkyTruck, that can lift up to 4.5 tons vertically and deliver point to point, we need to roll out the right infrastructure strategically and on time. In simple words, we need a landing pad solution of approximately 40m x 40m size that can carry our 17 ton heavyweight aircraft. And for that reason, VI&E Solutions is an optimal partner for our US market. Dan and his team’s extensive knowledge and network in the global AAM industry is a very attractive match for us. Furthermore, their eagerness to strategically set up the SAF and hydrogen refuelling stations at their facilities and be the front runners, is very impressive. As we have chosen a hybrid SAF and Hydrogen power output, we would need both at the vertiports. And let’s not forget, hydrogen is an energy carrier, a giant battery that can store the electricity that will be required for the electric charging stations, which also can be found at their facilities,” commented Freshta Farzam, CEO and Founder of LYTE Aviation.

LYTE Aviation is pioneering the industry’s first 40-seat eVTOL, a heavyweight passenger mass transit vertical take-off and landing aircraft branded the SkyBus LA-44. It is also designing a cargo variant, SkyTruck LA-44C, offering a payload capacity of 4.5 tons. The aircraft is being designed to be five times more fuel efficient than a helicopter, 10 times less noise polluting than a helicopter, with considerably fewer MRO costs. With its tandem tilt-wing technology, power will come from hybrid-hydrogen-electric turboprops and electric engines. The SkyBus is an ideal solution to extend current regional aviation solutions in the near future for passenger and cargo transit. Owing to the use of proven and existing technologies available today, LYTE Aviation is estimating entering the market within five to six years.

Founded in 2021, Volatus Infrastructure & Energy Solutions is connecting communities with best-in-class eVTOL infrastructure technology to ensure society is ready for the future. VI&E Solutions offers three modular vertiport designs and charging stations for electric vehicles across all mediums: air, land, and sea. By tailoring to specific customer needs and incorporating the latest technologies, their work positively impacts clients and the communities they serve globally. Join the future with VI&E Solutions.

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