



## Lilium Starts Assembly of the Lilium Jet's Revolutionary Electric Propulsion System

September 26, 2023

- *Key step towards industrialization of Lilium's novel electric jet technology*
- *Propulsion system represents a cornerstone of Lilium's iconic aircraft architecture, opening the way for superior performance, safety, unit economics and customer experience*
- *Assembly takes place at Lilium's dedicated jet propulsion facility in Wessling, Germany*

MUNICH, Germany, Sept. 26, 2023 (GLOBE NEWSWIRE) -- Lilium N.V. (NASDAQ: LILM), developer of the first all-electric vertical take-off and landing ("eVTOL") jet, announced today that it is starting assembly of the Lilium Jet's revolutionary electric propulsion system at its dedicated propulsion facility located next to its headquarters in Wessling, Germany. The announcement marks another exciting milestone on the targeted path towards industrialization and commercial entry into service of the Lilium Jet and reconfirms Lilium's roadmap towards achieving first manned flight of the aircraft in late 2024.

Yves Yemsi, COO of Lilium, said: "The start of propulsion assembly represents a significant step towards industrializing the Lilium Jet. In the coming weeks we will be systematically working towards validating our manufacturing capabilities and preparing to deliver the propulsion units for initial aircraft integration and type-certification."

Klaus Roewe, CEO of Lilium, commented: "Today's announcement brings us one big step closer to the dawn of a new, sustainable jet era. The iconic, sleek aircraft design is a key differentiator of the Lilium Jet. Thanks to the unique propulsion system and aerodynamic jet architecture, I believe the Lilium Jet will set the benchmark for the eVTOL industry, opening the way for superior performance, unit economics and comfort. 95% of commercial airplanes today use jet engines, which offer high safety in addition to the best cabin experience with low vibration and noise, combined with great payload and range potential."

Daniel Wiegand, Lilium Co-Founder and Chief Engineer for Innovation & Future Programs remarked: "For my fellow co-founders and myself, the start of industrial assembly of the Lilium Jet's propulsion unit marks a special moment. It was our shared belief in the radical potential of our electric jet technology that formed the nucleus of our company and that has driven Lilium forward ever since. I'm more convinced than ever that our vision of a sustainable new form of high speed and affordable regional transportation will become a commercial reality."

In the first phase of assembly, the propulsion system's rotating parts, including the shaft, magnets and titanium compressor fan are assembled and mated with the associated static components such as the e-motor stator and guide vanes (for structural support and cooling). These are then integrated into the high performing engine. In the next phase later this year, the electric engines will be integrated into the Lilium Jet's propulsion mounting system, the unique flap structure that forms the rear part of the wings and front canards and that houses the propulsion and vectoring systems responsible for vertical and horizontal flight.

### Successful testing of propulsion subsystems

The start of assembly follows extensive testing of propulsion subsystems delivered by suppliers: the custom-designed aircraft e-motor, developed and built-in collaboration with Denso and Honeywell; the titanium compressor fan, developed and built in collaboration with Aeronamic; and electric motor bearings built in collaboration with SKF.

In July this year, Lilium completed testing of a full-size prototype Lilium Jet fan and stator at Jetpel's facilities, one of Germany's leading aviation technology centers, which confirmed the fan design's robust operating parameters. Additionally, testing has started on a prototype e-motor, for its mechanical, electrical, and thermal performance. The Lilium Jet e-motor has been designed to deliver industry-leading power density of over 100kW from a system weighing just over 4kg.

### Lilium

#### Contact information for media:

Meredith Bell  
Vice President, External Communications  
+41794325779  
[press@lilium.com](mailto:press@lilium.com)

#### Contact information for investors:

Rama Bondada  
Vice President, Investor Relations  
[investors@lilium.com](mailto:investors@lilium.com)

### About Lilium

Lilium (NASDAQ: LILM) is creating a sustainable and accessible mode of high-speed, regional transportation for people and goods. Using the Lilium Jet, an all-electric vertical take-off and landing jet, offering leading capacity, low noise, and high performance with zero operating emissions, Lilium is accelerating the decarbonization of air travel. Working with aerospace, technology, and infrastructure leaders, and with announced sales and indications of interest in Europe, the United States, China, Brazil, UK, and the Kingdom of Saudi Arabia, Lilium's 800+ strong team includes approximately 450 aerospace engineers and a leadership team responsible for delivering some of the most successful aircraft in aviation history.

Founded in 2015, Liliium's headquarters and manufacturing facilities are in Munich, Germany, with teams based across Europe and the U.S. To learn more, visit [www.liliium.com](http://www.liliium.com).

### **Liliium Forward Looking Statements**

This press release contains certain forward-looking statements within the meaning of the U.S. federal securities laws, including, but not limited to, statements regarding (i) Liliium N.V.'s and its subsidiaries (collectively, the "Liliium Group") proposed business and business model, (ii) the markets and industry in which the Liliium Group operates or intends to operate, (iii) the anticipated timing of the commercialization and launch of the Liliium Group's business in phases, (iv) our ability to successfully patent our intellectual property and the future performance of our innovations, (v) the expected results of the Liliium Group's business and business model, including when launched in phases, and (vi) the timing of Liliium's targeted regulatory milestones. These forward-looking statements generally are identified by the words "anticipate," "believe," "could," "expect," "estimate," "future," "intend," "may," "on track," "plan," "project," "should," "strategy," "will," "would" and similar expressions. Forward-looking statements are predictions, projections, and other statements about future events that are based on management's current expectations with respect to future events and are based on assumptions and subject to risk and uncertainties and subject to change at any time. Actual events or results may differ materially from those contained in the projections or forward-looking statements. Factors that could cause actual future events to differ materially from the forward-looking statements in this press release include those discussed in Liliium's filings with the U.S. Securities and Exchange Commission (the "SEC"), including in the section titled "Risk Factors" in our Annual Report on Form 20-F for the year ended December 31, 2022, on file with the SEC, all of which are available at [www.sec.gov](http://www.sec.gov). Forward-looking statements speak only as of the date they are made. You are cautioned not to put undue reliance on forward-looking statements, and the Company assumes no obligation to, and does not intend to, update, or revise these forward-looking statements, whether as a result of new information, future events or otherwise.