

# \$57M Australian Start up pioneering the Future of Electric Air Mobility in APAC

*FlyOnE Sustainable Aviation Pioneers the Future of Electric Air Mobility in Australia and beyond*

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FlyOnE Sustainable Aviation is revolutionizing the air transport industry by integrating modern, efficient, and lower-cost aircraft powered by renewable energy. This initiative is set to establish a new advanced air mobility network, reshaping the economics of bespoke luxury, on-demand passenger, and cargo air transport for distances ranging between 100 and 300 kilometers.



Smartflyer electric passenger Air Taxi soaring quietly over a busy city

## Leading the Shift to Electric Aviation

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The world wants change. Some are waiting to see if it happens, some are making sure that it does”

*Korum E, Founder and CEO*

FlyOnE was founded on the belief that a fundamental shift in energy practices is necessary for the future of aviation. While electric aircraft will not replace internal combustion engine aircraft overnight, FlyOnE is committed to integrating electric propulsion technologies into passenger aircraft operations in Australia. This transition aims to reduce costs, minimize air and noise pollution, and

improve safety and user experience in aviation from the ground up.

A detailed analysis of FlyOnE's vision and technological advancements will be featured in the upcoming March 3, 2025, issue of [Australian Air Power Magazine](#). The article provides in-depth insights into the company's ongoing projects, challenges, and future prospects.

## Pioneering Electric Aircraft Models

FlyOnE has gained valuable insights through its partnership with Pipistrel, the renowned light aircraft manufacturer that introduced the first electric passenger aircraft, the Pipistrel Electro Velis and Alpha. As the company builds a strong user base and supply chain to support these aircraft in Australia, it is also exploring collaborations with next-generation electric aircraft developers, including Bye Aerospace (USA), Electron Aerospace (Netherlands), and [Smartflyer](#) (Switzerland).

## Overcoming Challenges in Electric Aviation

Despite strong end-user interest in electric aircraft, industry-wide adoption has faced challenges, particularly from flight schools and financial institutions. Many traditional aviators have expressed concerns stemming from uncertainty about electric aviation technology. However, FlyOnE remains committed to overcoming these obstacles by developing next-generation batteries and charging systems that enhance the performance and operational efficiency of electric aircraft.

## The Future of Electric Aviation in Australia

Australia presents unique challenges for electric aviation due to its vast geography and low population density. However, FlyOnE has identified key opportunities for growth, particularly in high-volume, short-distance operations such as [air taxi routes and pilot training](#). The company currently operates an air taxi charter route to Rottnest Island in Western Australia and is expanding its services in the pilot training sector.

FlyOnE envisions significant advancements in private recreational flying, pilot training, and key charter routes through safer, quieter, and more sustainable electric aircraft that leverage renewable energy sources.



The Pipistrel Alpha series of aircraft open up a new world of electric aviation



The E-Flyer 2 is a powerful 3 hour endurance electric trainer aircraft

## Advancing Sustainability in Aviation

Electric aircraft offer a significant environmental advantage by eliminating tailpipe emissions and utilizing renewable energy sources for recharging. Unlike traditional fuel-powered aircraft, electric aircraft batteries can be recycled at a rate of up to 95%, further contributing to long-term sustainability in the aviation industry. FlyOnE is committed to reducing aviation's reliance on fossil fuels and promoting a cleaner, more efficient mode of air travel.

## Exciting Developments and Future Innovations

FlyOnE is gearing up for major advancements in 2025, including:

The launch of a powerful software platform designed to enhance aircraft safety and compliance while reducing record-keeping and compliance costs for operators.

Significant improvements in the battery supply chain, leading to a 45% increase in endurance for Pipistrel aircraft and a 200% increase in the usable lifespan of batteries.

These developments and their industry-wide implications are covered extensively in the March 3, 2025, issue of Australian Air Power Magazine.

## A Bold Vision for the Future

While electric vertical take-off and landing (eVTOL) technology has generated significant global interest, FlyOnE believes that the most viable future for electric aviation in Australia lies in fixed-wing aircraft with high-efficiency, low-drag designs. The company is dedicated to pioneering a new sector in private aviation, making electric flying as accessible as driving a car or booking a rideshare.

FlyOnE Sustainable Aviation is proud to lead the transformation of Australia's aviation industry, making sustainable, efficient, and cost-effective air transport a reality for all.

The future is electric

FlyOnE Sustainable Aviation

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