



NEWLY LAUNCHED ECOJET AIRLINE TO USE ZEROAVIA HYDROGEN-ELECTRIC PROPULSION TECHNOLOGY

News / Airlines, Manufacturer



Ecojet, newly launched airline and ZeroAvia signed an agreement for up to 70 hydrogen-electric, zero-emission engines. Ecojet – which aims to become the flag carrier for green Britain – will begin operations in 2024 with conventionally powered aircraft operating routes to and from Edinburgh, before converting its fleet to become what it aims to be the world's first electric airline. The airline will achieve its goal by retrofitting its aircraft with ZeroAvia's ZA600 engines once certified. Ecojet will be working with MONTE, ZeroAvia's preferred ZA600 lessor partner, in bringing this groundbreaking technology to market. ZeroAvia is targeting type certification of the ZA600 engine in 2025.

Ecojet also placed a larger order for the more powerful ZA2000 engine, designed for up to 80 seat regional turboprops and with an entry-in-service target of 2027. This will open up the potential to fly aircraft such as the ATR72 and Dash 8 400, already popular on regional routes across the world.

ZeroAvia, Ecojet and MONTE will work together with airports and other industry partners, to identify and finance the first pathways to hydrogen-electric commercial operations. ZeroAvia analysis shows that, if powered by UK wind generated green hydrogen, domestic flights would have lower lifecycle carbon emissions per passenger than any other common mode of transport

today, including fully occupied cars, domestic rail and coach travel.

Val Miftakhov, Founder and CEO, ZeroAvia, commented: "Clean aviation will mean increased regional air travel and new routes, Ecojet can capitalize based on their clear focus on low-emission travel. The UK Government's Jet Zero Strategy has set a great example for the world to follow, but the UK can go much further by being early to act and introducing some of the first zero-emission routes in the world."

Dale Vince, Founder, Ecojet, said: "We don't have to give up flying to live a green lifestyle or to get to net zero as a country - and this is big news.? The technology is here now and the planes are coming very soon - carbon free, guilt free flying is just around the corner.? And although aviation is responsible for only a small part of all global emissions, it occupies a far bigger space than that in our psyche.? The hearts and minds value of this new opportunity outweighs the carbon issue significantly.?It shows that everything we need to do, can be done, with a low to zero carbon footprint.?And that is big news and a big encouragement to us all."?

In June ZeroAvia had signed a definitive purchase agreement with lessor MONTE for 100 engines. MONTE will provide financing for Ecojet's powertrain purchase, installation and operation, meaning that Ecojet will become the lessors first confirmed customer, and recipient of their currently reserved production slots with ZeroAvia.?

Rishi Majithia, Head of Investment, MONTE, stated: "Since signing our definitive purchase agreement with ZeroAvia, we have been working closely with ZeroAvia and our global network of aircraft operators to reach tri-party agreements on the use of the ZA600 powertrain. Ecojet's commitment to using the ZA600 whilst being financed by MONTE is one of the first of these partnerships and we are excited to be working with an operator that is aligned with our goals of decarbonizing regional aviation."

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