



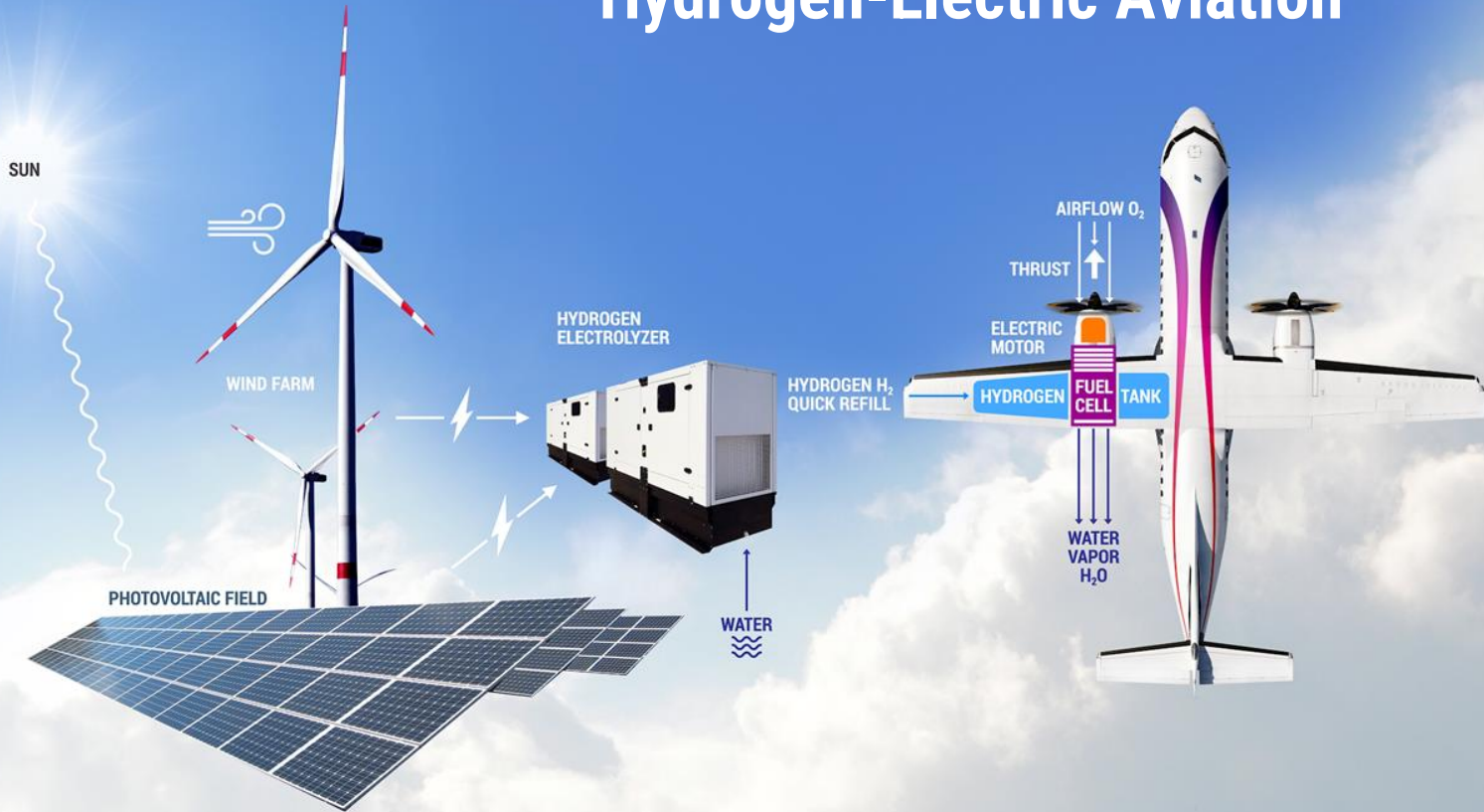
**ZERO AVIA**

## The First Practical Zero Emission Aviation Powertrain

Opportunities and Challenges of hydrogen-electric aviation

Q2 2022

# Our Vision: Renewably-Powered Hydrogen-Electric Aviation



**Long range, Lower costs & Zero Emission**

# All Segments, Starting With 500-mile 10-20 Seats

- ### R&D Prototypes
- 6-seat prototypes
  - 250kW propulsion system
  - Technology demonstrators

- ### 20-Seat Commercial
- 600kW propulsion system
  - 300+ NM range
  - 2024 Launch

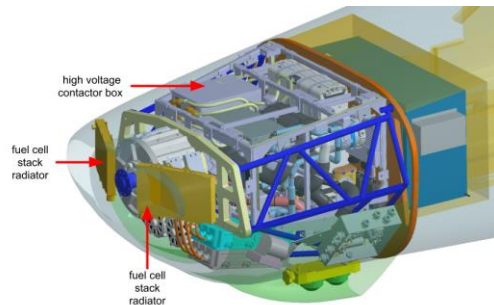
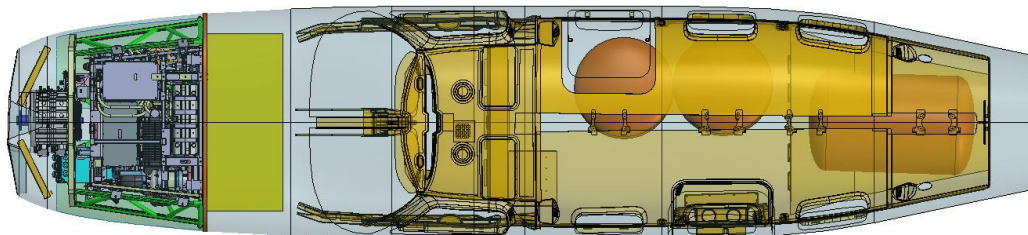
- ### 40-80 Seat Commercial
- Modular 2.0 - 5.4 MW propulsion system
  - 700+ NM range
  - 2026 Launch



# 250kW System Complete; World's Largest H2-Electric Aircraft Flown



## Current ZA-250 powertrain in a prototype 6-seat aircraft



## Historic flight on Sep 24, 2020



**The Telegraph** | Economy - Companies - Markets - Arts

### First hydrogen-powered plane takes flight

Test flight confirms the UK as major player in aerospace and could place the country in the vanguard of sustainable aviation

By Alan Dowling, SPECIALIST CORRESPONDENT  
24 September 2020, 7:30pm

World's first hydrogen-powered plane takes flight in Cranfield

09 Sep 2020

ZeroAvia, the leading innovator in decarbonising commercial aviation, has completed the world's first hydrogen fuel cell powered flight of a commercial-grade aircraft. The flight took place yesterday at the company's R&D facility in Cranfield, England, with the Piper Mojave six-seat plane completing take, taxi-out, a full pattern circuit, and landing.

ZeroAvia's achievement is the first step to realising the transformational possibilities of moving from fossil fuels to zero-emission hydrogen as the primary energy source for commercial aviation. Essentially, and without any new fundamental science required, hydrogen-powered aircraft will match the flight distances and payload of the current fossil fuel aircraft.

Let UK To Live Overseas?  
Find Out How To Travel UK Passports & Avoid Luggage To Her  
Read More on 08

The world's first flight of a commercial-grade aircraft powered by a plane, with UK-based ZeroAvia flying a six-seater Piper Mojave passenger aircraft.

**CleanEnergy**

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ZeroAvia Completes World First Hydrogen-Electric Passenger Plane Flight

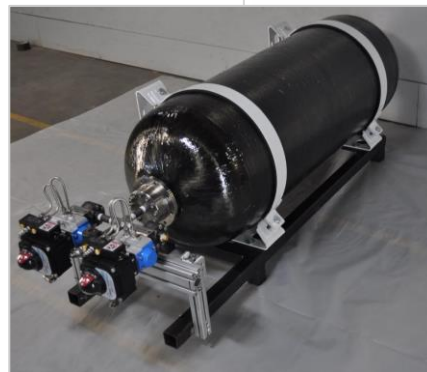
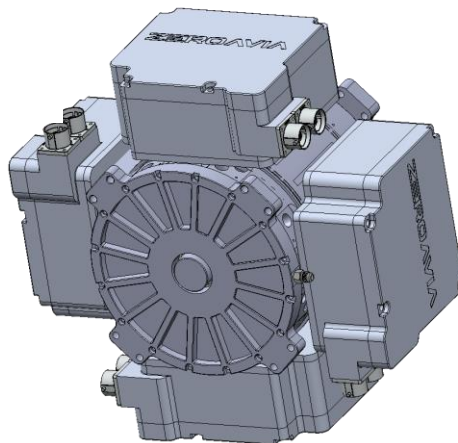
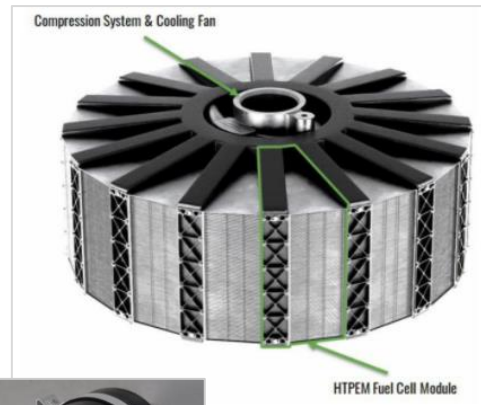
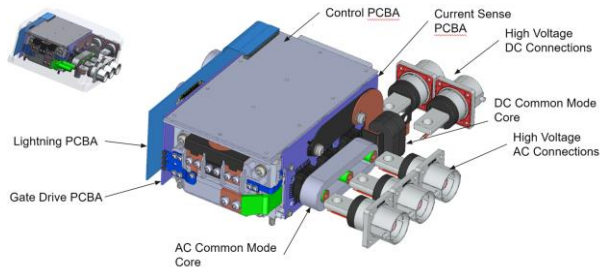
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# Core Technology Development Programs



# 600+ Engines on Pre-Order, Supported by OEMs and Infra



octopusenergy



10+ additional undisclosed operators

4 additional undisclosed OEMs



# Supported By Top Investors & Partners (\$120m+ raised)



## ESG Investors



## Strategic Investors



## Government





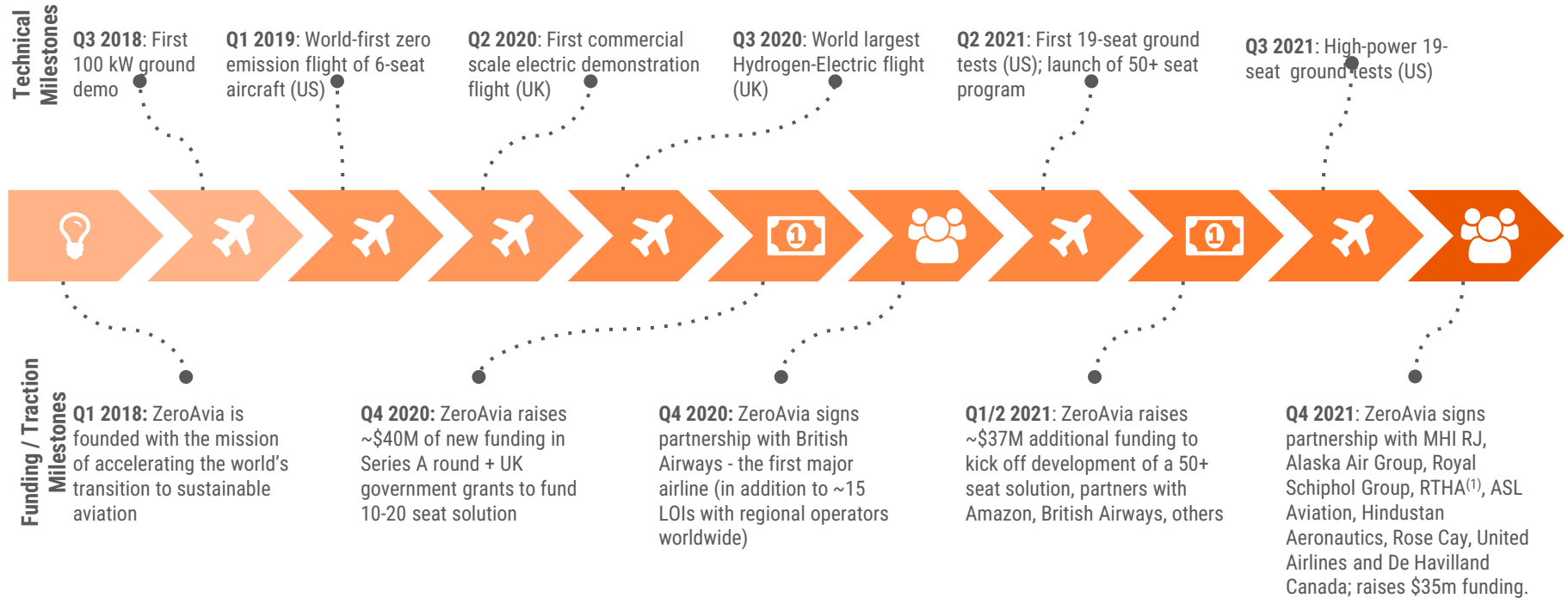




***Thank You!***

Julian Renz  
Director Government Programs  
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# ZeroAvia is Pioneering H2 Electric Aviation



1. Note: Rotterdam The Hague Airport (RTHA)

Consistently delivering on milestones since inception in 2017 (even through COVID!)