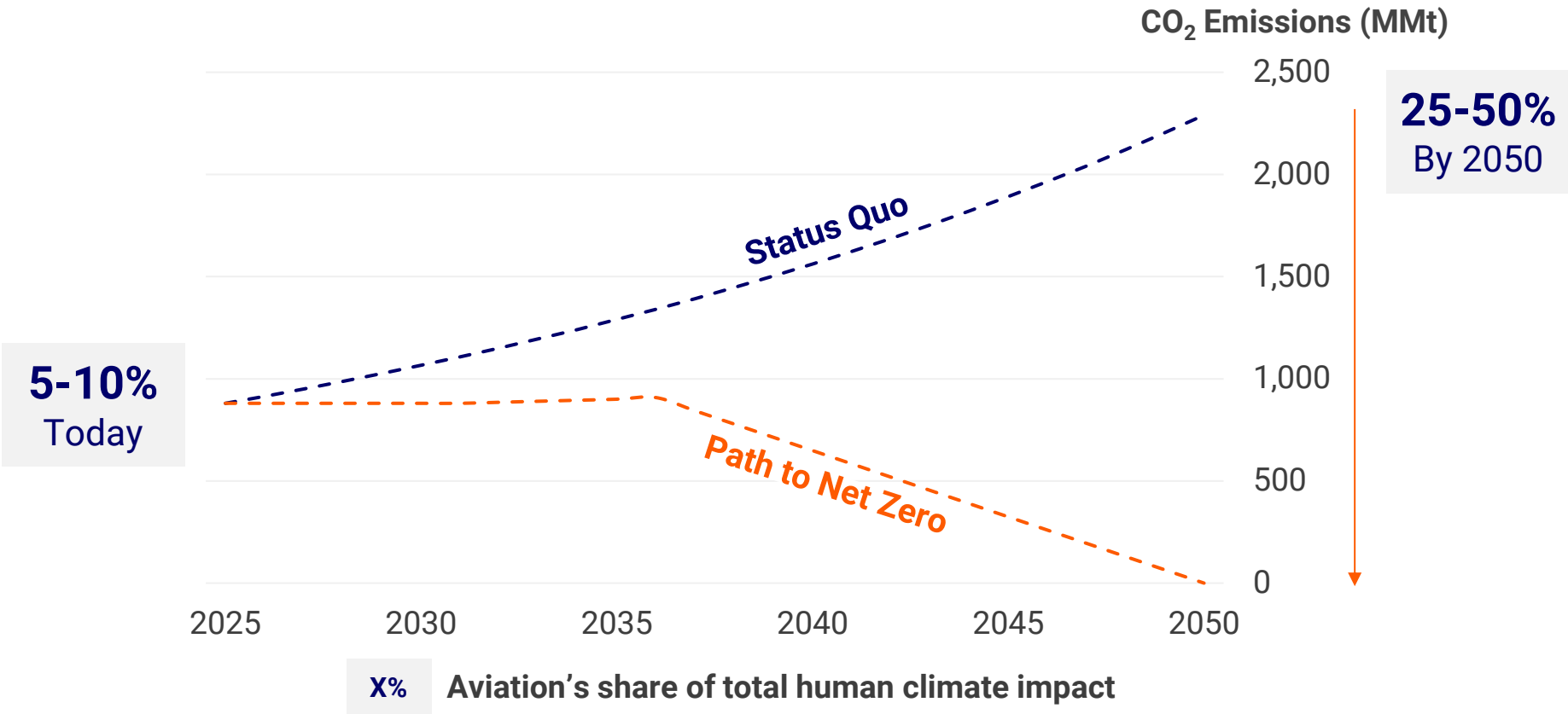


ZERO AVIA

Delivering the Clean Future of Flight

GGX Finance Summit - October 2024

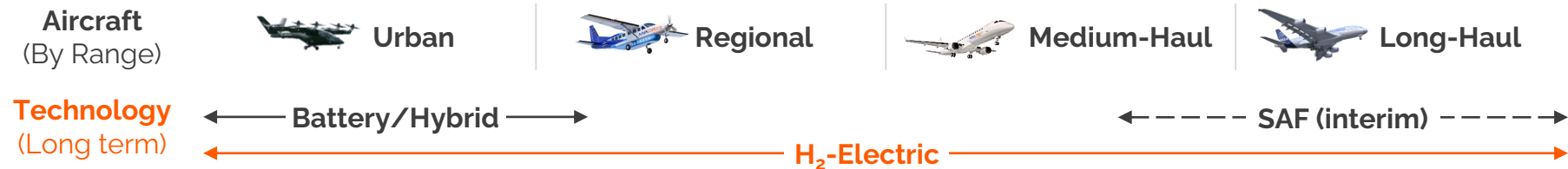
Why: Net-Zero Race To Unlock a Massive Addressable Market | ZEROAVIA



Source: US Energy Information Administration; Air Transport Action Group (ATAG); Cirium and ZeroAvia; based on 2040 industry spend.

Hydrogen-Electric is The Most Scalable Approach

	Climate Impact	Technology Scalability	Operating Cost	Solution Viability
H₂-Electric				
H ₂ Combustion				
Battery-Electric				
Sustainable Aviation Fuels (SAF)				
Hybrid-Electric				



Source: Market research; analyst reports.

Delivering the Clean Future of Flight for the Entirety of Aviation | ZEROAVIA

1 Powertrains

Hydrogen-electric (fuel cell-powered)



Fixed-wing aircraft

2 Components

In-house tech (fuel cells, electric motors, inverters)



Battery / hybrid

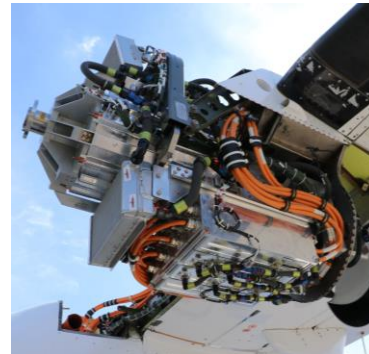
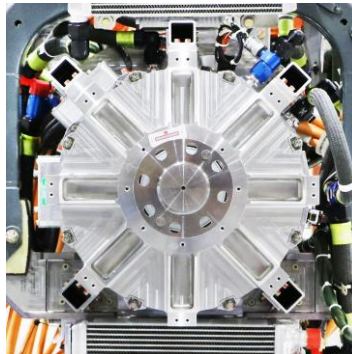
VTOL

Rotorcraft

Defense



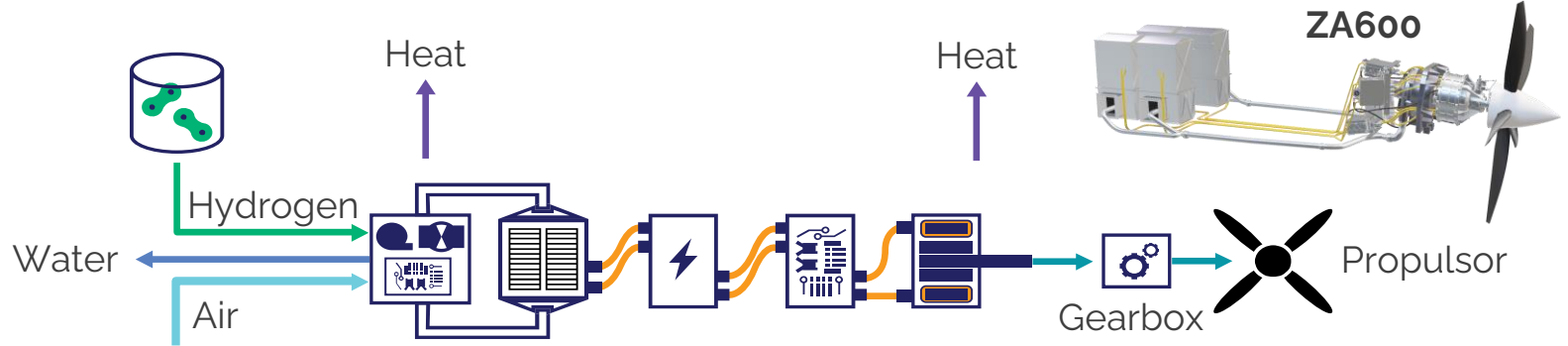
#1
GreenTech
Company



All Critical Technology & IP Developed In-House

ZEROAVIA

Powertrain



Components

Power Generation System

Fuel cell uses green H_2 & O_2 to produce electricity



Power Distribution System

Inverter delivers electrical power to electric motor



Electric Propulsion System

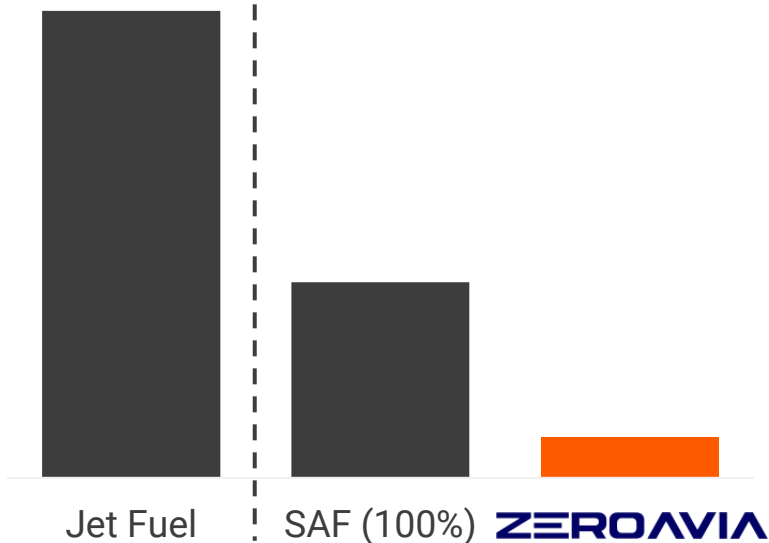
Electric motor uses electrical power for propulsion



Hydrogen-Electric Delivers Best Economics & Outcomes

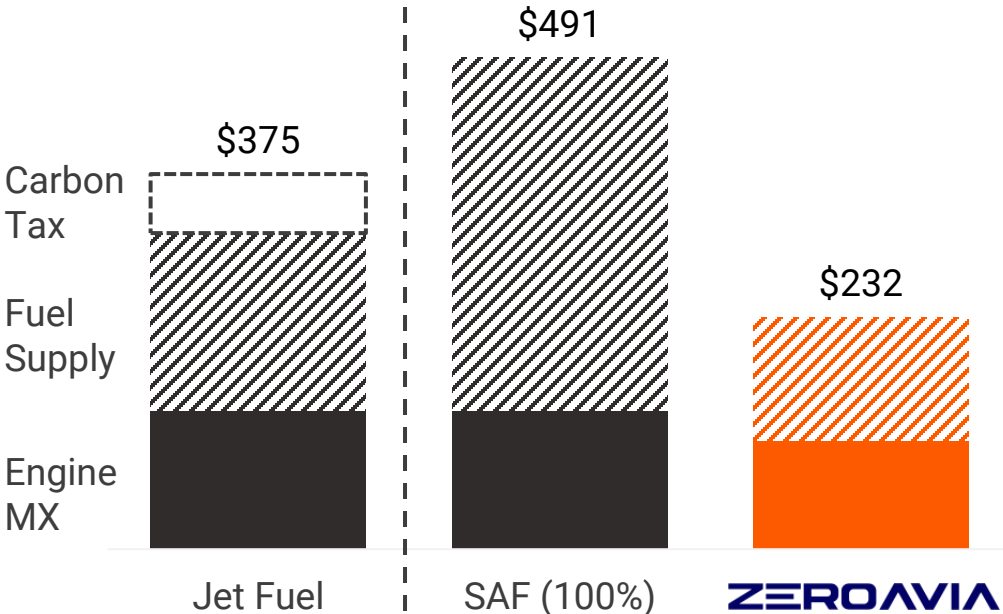
Climate

↓ 95% lifecycle climate Impact



Operating Cost

↓ 40% \$ per flight hour



Operating Cost: \$ per flight hour | Emissions: Powertrain over lifecycle. Reduction vs. Jet Fuel

Hydrogen-powered planes take off with startup's test flight

FINANCIAL TIMES

Anglo-US group completes test flight of propeller aircraft powered by hydrogen

TIME

Hydrogen-Powered Planes Could be the Best Bet For Greener Air Travel



ZeroAvia Makes Aviation History

On Jan 19, 2023 flew the world's largest aircraft powered with a H₂-electric engine



















Developing World's Largest Zero-Emission Aircraft

In-house electric motor and fuel cell technology to power large aircraft starting with Dash-8 (76-seat)

In-House Technology Capable To Power All Aircraft

Components

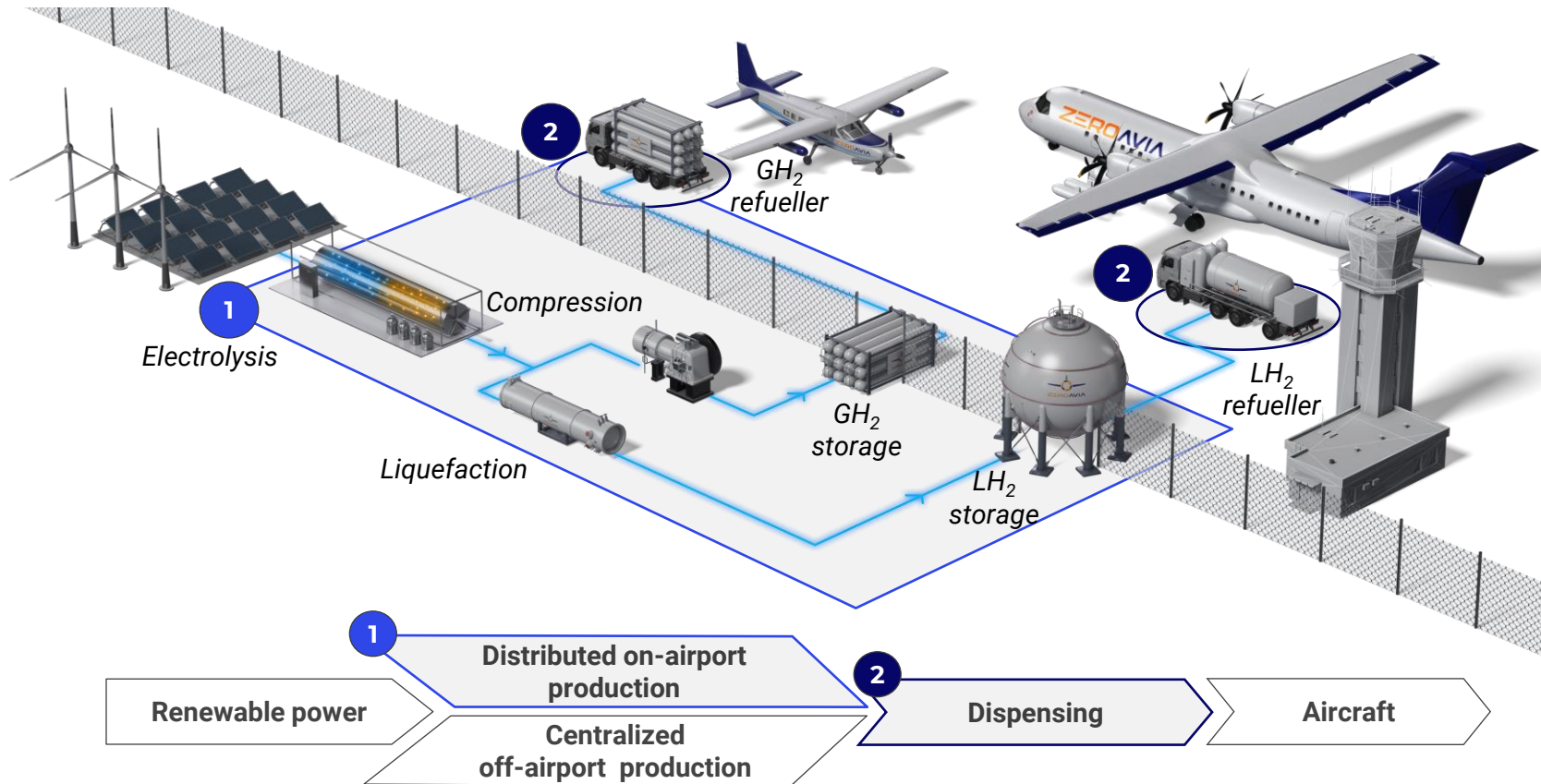
Powertrains

		Market Entry								Select Customers
Product	System	'24	'25	'26	'27	'28	'30	'32+		
	LTPEM Fuel Cells	PGS	<div></div>							US DoD Prime
	Inverter	PDS	<div></div>							Electric aviation OEMs
	660kW Motor	EPS	<div></div>							Electric aviation OEMs
	HTPEM Fuel Cells	PGS	<div></div>							 JEKTA
	2MW+ Motor	EPS	<div></div>							Electric aviation OEMs
	ZA600	600kw	<div></div>							 
	ZA2000	2-4MW	<div></div>							 
	ZA2000RJ	5MW+	<div></div>							 
	ZA10000	10MW+	<div></div>							In discussion

9

Hydrogen Airport Infrastructure

ZeroAvia to Deliver Low Cost, Low Carbon Reliable H₂ to Ensure Smooth Market Entry



Delivering Clean Aviation for Japan

H2 Aviation Ecosystem



R&D



Manufacturing



Flight testing



Maintenance & MRO

Current Partners

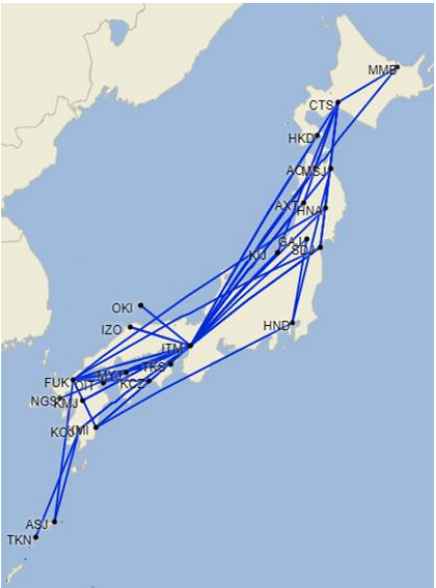


Clean Aviation Network

JAL Turboprop Routes



JAL Regional Jet Routes



Commercial Success with Leading Global Customers

Customers



Airframe OEM partners



Strategic technology partners



Logistics / refueling



Airports



Powertrain partners



ZEROAVIA

Thank you!

