

AVIATION CO₂ REDUCTIONS



STOCKTAKING SEMINAR

TECHNOLOGY · OPERATIONS · SUSTAINABLE AVIATION FUELS



High-level roundtable: roadmaps towards zero emissions

Val Miftakhov,

Founder & CEO – ZeroAvia



Val Miftakhov

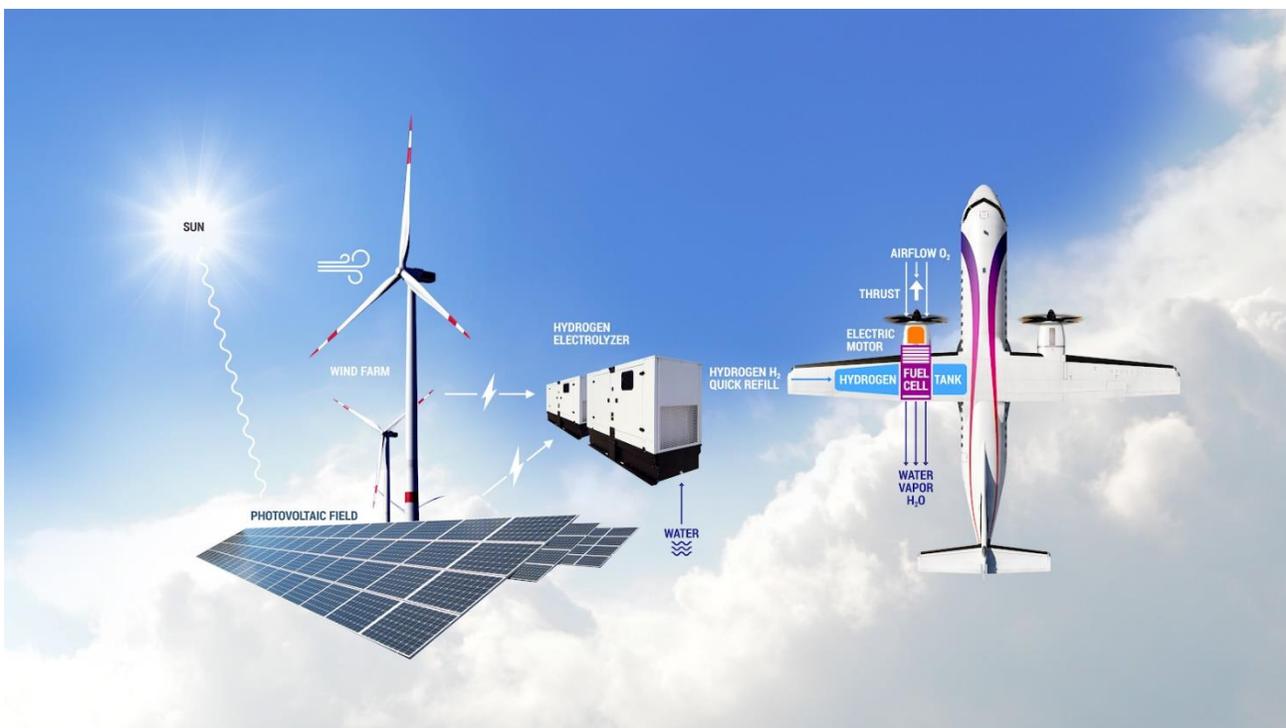
Founder & CEO



First Commercial Aircraft on Hydrogen-Electric Propulsion + Infrastructure

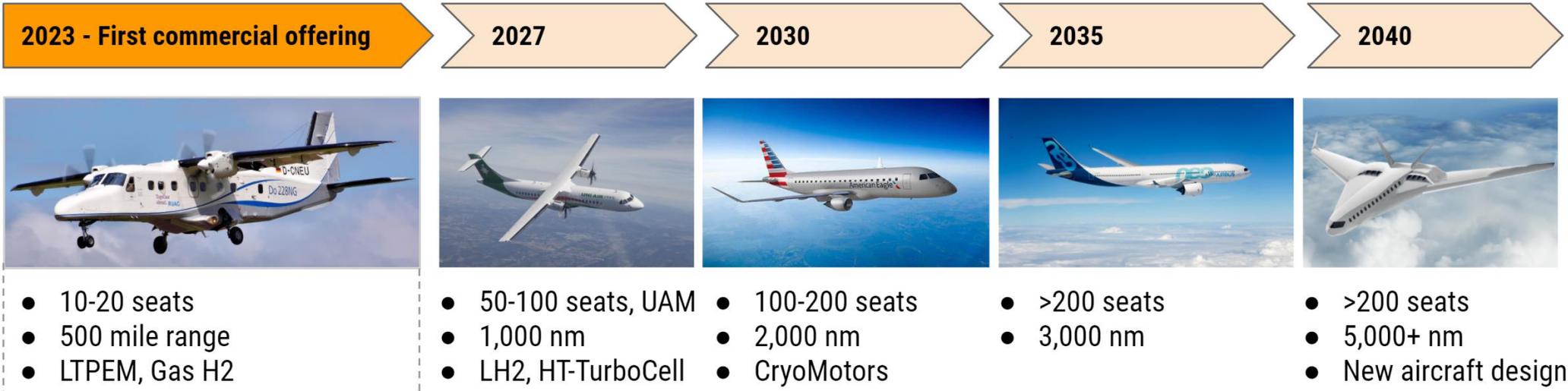
Technology

Hydrogen => Fuel Cell System => Electric Drivetrain: More efficient than a turbine, similar mission capabilities to a fossil fuel aircraft, lower maintenance costs



	CO ₂ reductions per flight	95%
	Level of finance required	~
	Timeframe	2023
	Main challenges	Reg

Plan: All Aviation, Starting @500-mile 19-Seat



ZeroAvia HARE (H2 Airport Refueling Ecosystem)



On / Near-site Renewables



On-site Electrolysis



On-site storage & mobile airport refueling



Hydrogen
fueling
support for
multi-modal
transport

Thank You

