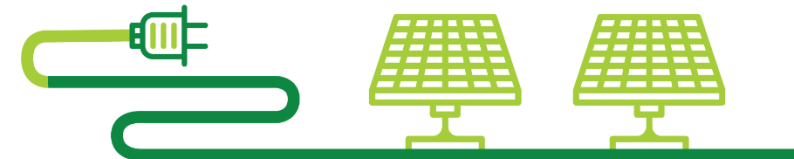


AVIATION CO₂ REDUCTIONS



STOCKTAKING SEMINAR
TECHNOLOGY · OPERATIONS · SUSTAINABLE AVIATION FUELS



Novel aircraft technological concepts

Tom Grundy,
Chief Executive Officer – Hybrid Air Vehicles









Airlander 10

Technology

90% emissions reduction from 2025, all-electric by 2030

AIRLANDER'S ROUTE TO ZERO CARBON AVIATION BY 2030

2025

Production **Airlander 10** – **Hybrid electric** using combustion & electric engines, including hydrogen fuel-cell. 9g of CO₂ per passenger/km, up to 90 pax and 750km

90% CO₂ saving





2030

Production **Airlander 10** – **fully electric** using hydrogen fuel cell only



100% CO₂ saving



	CO₂ reductions per flight	90%
	Level of finance required	£130m
	Timeframe	2025
	Main challenges	0

Thank You



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