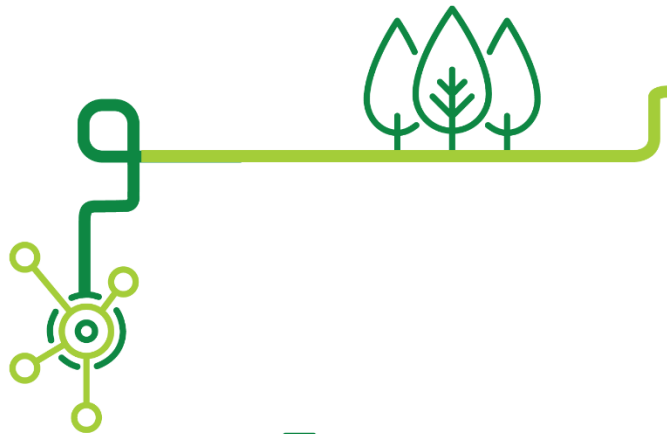
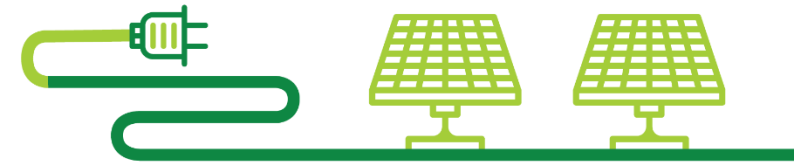


AVIATION CO₂ REDUCTIONS



STOCKTAKING SEMINAR

TECHNOLOGY · OPERATIONS · SUSTAINABLE AVIATION FUELS



Novel aircraft technological concepts

Tine Tomazic,
Chief Technical Officer – Pipistrel







Pipistrel: First ever Type Certified Electric Airplane, 10 dBA noise reduction, 70% lower cost of operation

Technology

In-house development, DO-311A compliant batteries, EASA Type Certified. Next generation zero emission pilot training platform







	CO₂ reductions per flight	100%
	Level of finance required	0%
	Timeframe	2020
	Main challenges	10%

Pipistrel: Zero-emission Hydrogen fuel-cell powered Miniliner

Technology

20 seats, capable of utilizing currently disused airfields (800m / 2500 ft runways), once-per-day refuelling.







	CO₂ reductions per flight	100%
	Level of finance required	
	Timeframe	2028
	Main challenges	60%

Pipistrel: Hybrid-electric large logistics UAV

Operations

Long range, large capacity, 10x cost improvement compared to helicopters



	CO₂ reductions per flight	75%
	Level of finance required	20%
	Timeframe	2022
	Main challenges	90%

Thank You



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