



CLEAN AVIATION

Réunion d'information nationale Clean Aviation

**Towards Climate neutral aviation
by 2050**

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Laurent Thomasson

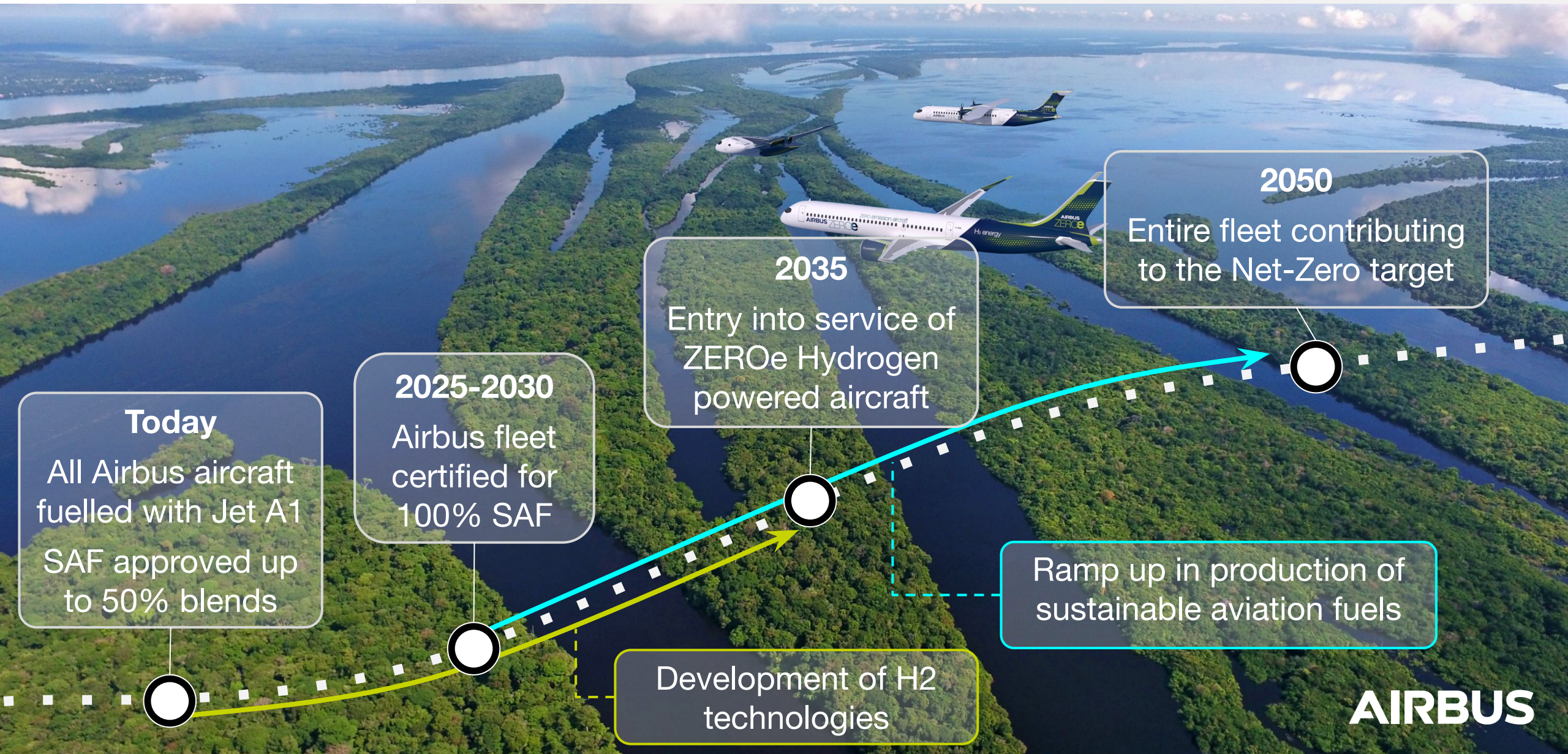
**Clean Aviation Coordinator & CTO representative
Airbus**

laurent.thomasson@airbus.com



**Co-funded by
the European Union**

Ambitious and scalable Airbus Decarbonisation Roadmap



Today

All Airbus aircraft fuelled with Jet A1
SAF approved up to 50% blends

2025-2030

Airbus fleet certified for 100% SAF

2035

Entry into service of ZEROe Hydrogen powered aircraft

2050

Entire fleet contributing to the Net-Zero target

Development of H2 technologies

Ramp up in production of sustainable aviation fuels

Hydrogen - An important pathway to zero-emission ambition

Three ZEROe aircraft Concepts

Hydrogen Hybrid Turboprop

<100 pax, 1000+NM (range), mach 0.5 (cruise speed)



H2 Direct Burn Propulsion System

Power Electronics & Electric Motors



Fuel Cell Propulsion System

H2 Storage and Distribution Systems

Near & Longer Term Disruptive Technologies



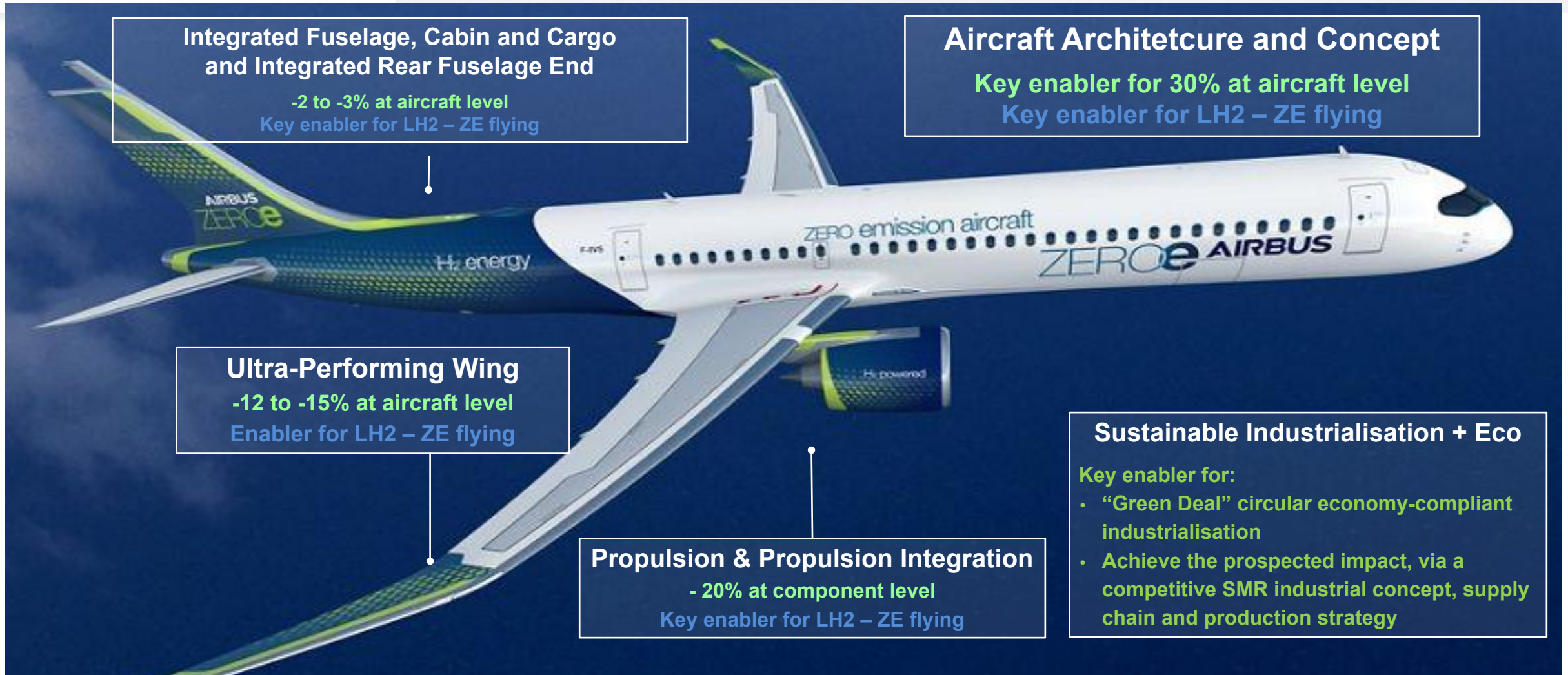
Hydrogen Hybrid Turbofan

<200 pax, 2000+ NM (range), mach 0.78 (cruise speed)



SMR pillar of Clean Aviation

A new generation of Ultra Efficient short-medium range aircraft



Integrated Fuselage, Cabin and Cargo and Integrated Rear Fuselage End
-2 to -3% at aircraft level
Key enabler for LH2 – ZE flying

Aircraft Architecture and Concept
Key enabler for 30% at aircraft level
Key enabler for LH2 – ZE flying

Ultra-Performing Wing
-12 to -15% at aircraft level
Enabler for LH2 – ZE flying

Propulsion & Propulsion Integration
- 20% at component level
Key enabler for LH2 – ZE flying

Sustainable Industrialisation + Eco
Key enabler for:
• “Green Deal” circular economy-compliant industrialisation
• Achieve the prospected impact, via a competitive SMR industrial concept, supply chain and production strategy





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ENGAGE

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