

Decarbonising aviation

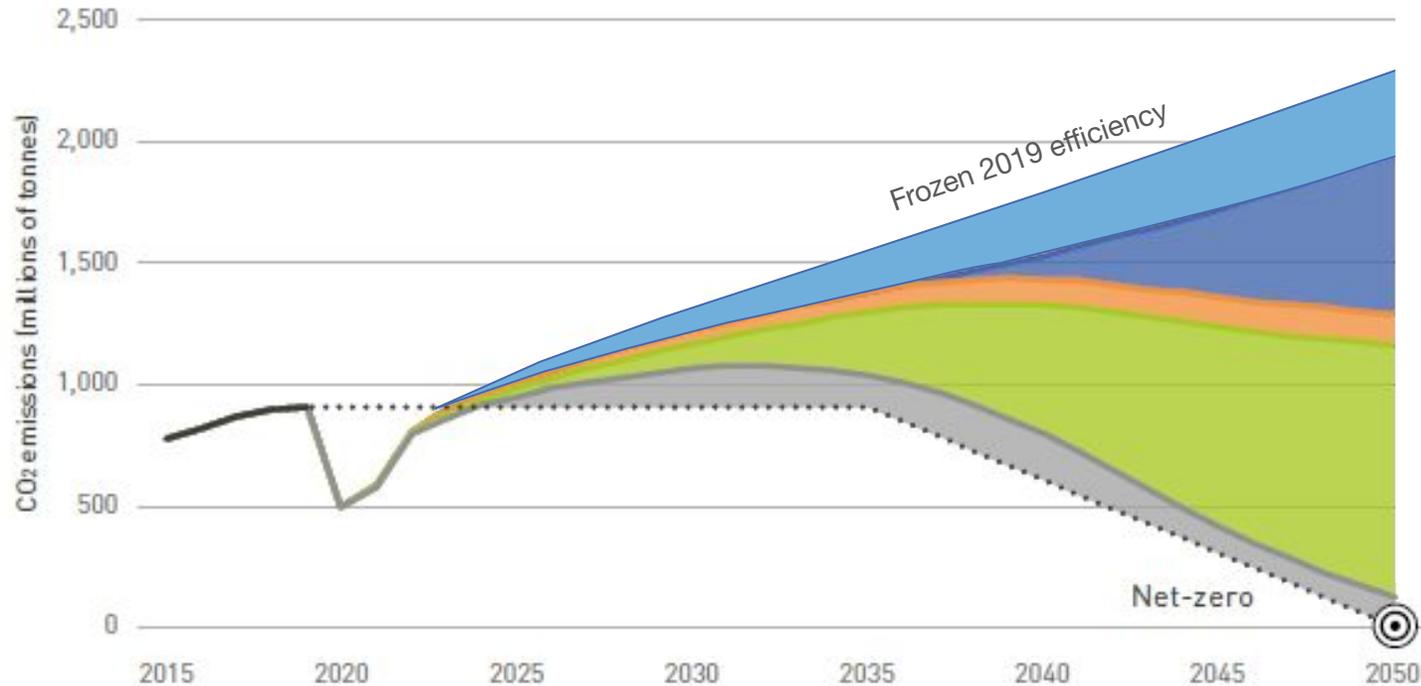
An ambitious roadmap with unprecedented challenges

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Decarbonising aviation | There is no silver bullet to reach Net Zero by 2050

> ATAG CO₂ Roadmap based on most ambitious technology scenario & central traffic growth scenario: 3.1% CAGR 2019-2050



- Since 2021, the target of aviation industry is **Net Zero CO₂ emissions by 2050**
- Target residual emissions represent **~2%** of the remaining anthropogenic carbon budget to keep 2°C
- **No “silver bullet”**: need a basket of measures
- In 2022, 41st **ICAO Assembly** adopted a **long-term global aspirational goal (LTAG)** for international aviation of **net-zero carbon emissions by 2050**

Introducing Airbus ZEROe

Turboprop



<100
Passengers



1,000+nm
Range

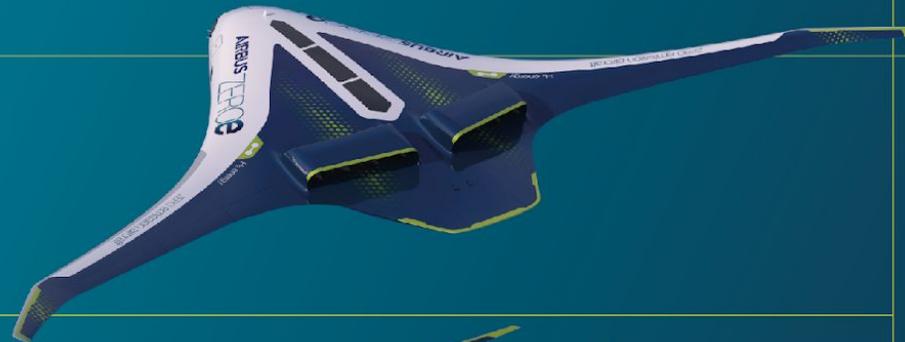


Hydrogen
Hybrid Turboprop
Engines (x 2)



Liquid Hydrogen
Storage & Distribution
System

Blended-Wing Body



<200
Passengers



2,000+nm
Range



Hydrogen
Hybrid Turbofan
Engines (x 2)



Liquid Hydrogen
Storage & Distribution
System

Turbofan



<200
Passengers



2,000+nm
Range



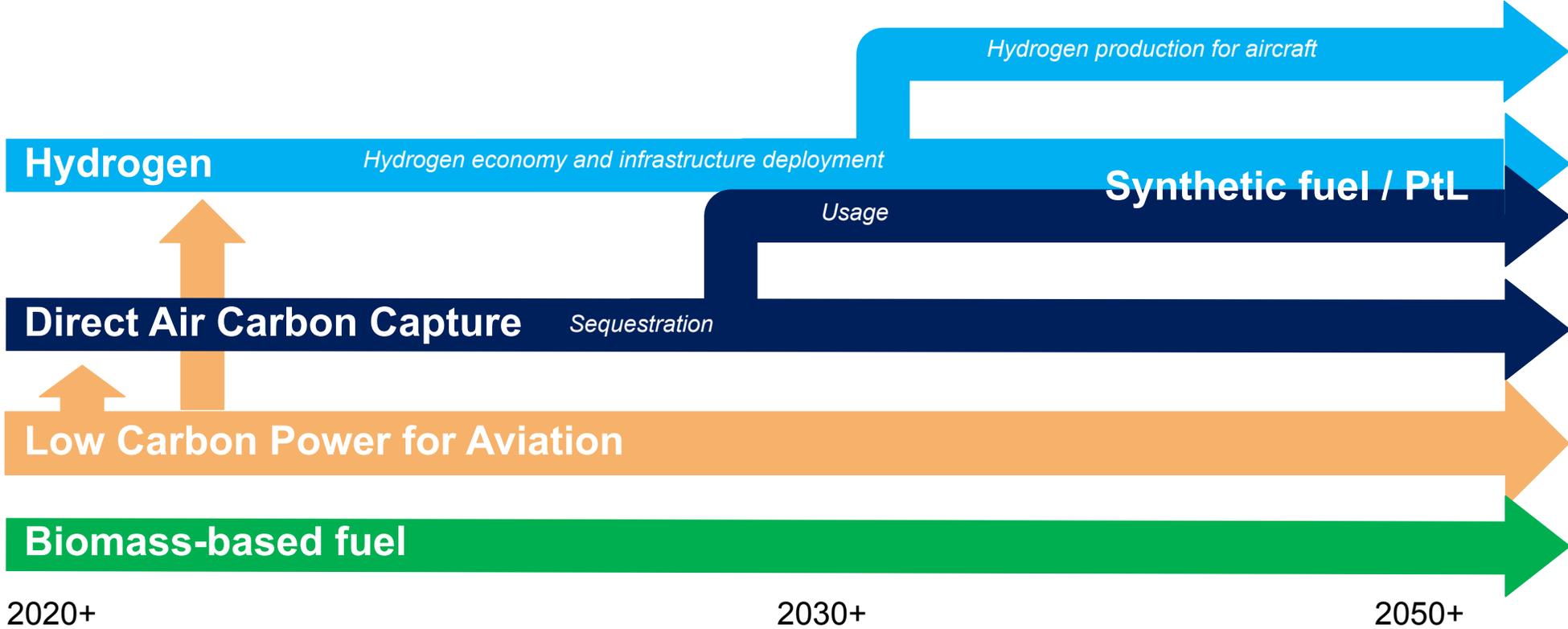
Hydrogen
Hybrid Turbofan
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AIRBUS

Reducing Aviation's Climate Impact | The energy roadmap



Enable
Deployment

Accelerate cost-efficient
energy transition

Carbon neutral aviation

Availability of affordable low carbon energy is at the core of aviation sustainable development

Thank you