



EASA Annual Safety Conference

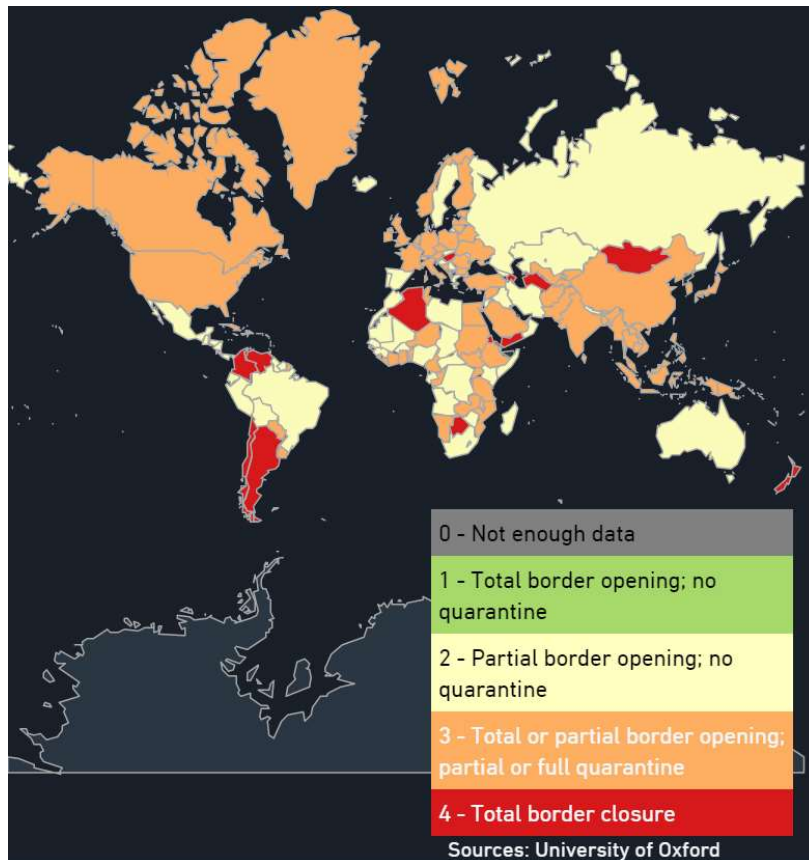
Enhancing environmental sustainability –
recovering greener

Simone Rauer, Head of Aviation Environmental Roadmap -
Airbus Corporate Affairs

November 5th, 2020

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The continuation of the pandemic and related travel restrictions still preventing Air Transport to recover



“

We need action quickly.

Job losses in the industry increase with each day that borders remain closed.

With each job lost, economic recovery becomes even more difficult.

Momentum is building for testing to re-open borders and save peoples' livelihoods. ”

Alexandre de Juniac
Director General & CEO, IATA

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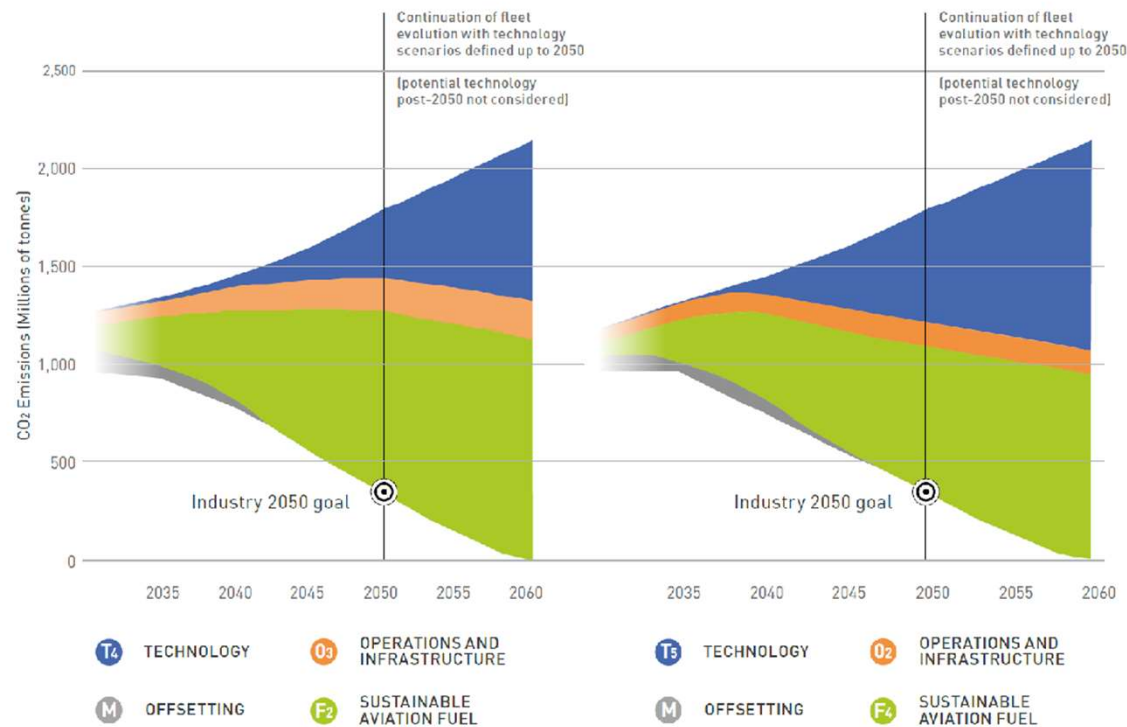


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Working with all stakeholders to a decarbonized aviation

Plotting a path to net-zero emissions

While somewhat marginal pre-2050, the contribution from hybridisation, electrification and hydrogen becomes substantial in 2050-2060 timeframe. In addition, with emissions reduction factor from SAF reaching 100% by 2060, net zero emissions could be achieved by that date in the absence of offsets. However, offsets (in whatever form they may take in the 2040+ timeframe) could be used to bridge any gap and support a net-zero goal, either in 2050 or beyond. This was plotted using integrated scenario 1 (left) and 3 (right).



ATAG waypoint 2050 report shows that with the benefits of :

- New technologies
- Better operations and infrastructures
- And an extensive use of SAF

Net zero emissions for global aviation can be achieved to the horizon 2060.

Pioneering sustainable aerospace

Introducing Airbus ZEROe

Turboprop



<100
Passengers



Hydrogen
Hybrid Turboprop
Engines (x 2)

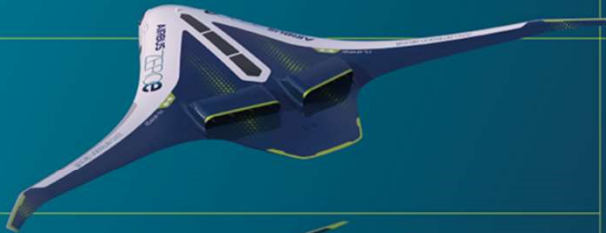


1,000+nm
Range



Liquid Hydrogen
Storage & Distribution
System

Blended-Wing Body



<200
Passengers



Hydrogen
Hybrid Turbofan
Engines (x 2)



2,000+nm
Range



Liquid Hydrogen
Storage & Distribution
System

Turbofan



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- The pandemic has brought the social and environmental agendas for business into the spotlight as never before.

- As a global leader in aeronautics we, at Airbus, want to rise to the climate change challenge, leading the way.

- Airbus, has recently announced its ambition to build the world's first zero-emissions airliner by 2035.

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