

# COMMITMENT TO FLY NET ZERO 2050



5 October 2021

As the global community emerges from the pandemic and the aviation sector rebounds from the worst crisis in its history, we will build on the success of previous sustainability efforts to push towards the third era of air transport: net-zero carbon global connectivity.

Scientific consensus shows that the Paris Agreement 1.5°C goal would greatly reduce the severity of climate change damage. It is imperative that all sections of society and business set course to support achievement of this goal. The collective air transport sector raises its ambition with a new long-term climate commitment:

- **Global civil aviation operations will achieve net-zero carbon emissions by 2050, supported by accelerated efficiency measures, energy transition and innovation across the aviation sector and in partnership with governments around the world.**

This goal is ambitious and challenging for air transport. It will require coordinated efforts within the aviation industry and from partners, particularly strong support from governments and the energy sector. The goal will be underpinned by a commitment to joint and cooperative action between all stakeholders.

Waypoint 2050 outlines a number of key elements to achieve the decarbonisation of air transport, including:

1. Increasing use of sustainable aviation fuels (SAF) and a transition away from fossil fuels by mid-century as part of a wider aviation energy shift including low-carbon electricity and green hydrogen.

We are committed to ensuring that aviation in 2050 will be able to meet the needs of over 10 billion passengers, connecting the world safely, securely and importantly, sustainably. Further details can be found at [www.aviationbenefits.org/FlyNetZero](http://www.aviationbenefits.org/FlyNetZero)

2. Research, development and deployment of evolutionary and revolutionary airframe and propulsion systems, including the introduction of electric and / or hydrogen powered aircraft.
3. Continued improvements in efficiency of operations and infrastructure across the system, including at airports and by air navigation service providers.
4. Investment in high-quality carbon offsets in the near-term and carbon removal opportunities to address residual CO<sub>2</sub> emissions in the longer-term. In this regard, the industry reaffirms its full support for the International Civil Aviation Organization (ICAO) Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA) as an effective transitional measure to stabilise net emissions from international aviation.

Across the sector, we are already undertaking a vast range of activities to reduce aviation CO<sub>2</sub> emissions. Our unwavering commitment to respond to the challenge of climate change has not abated despite the crisis we have faced. To achieve net-zero, the sector will require a supportive policy framework from governments focused on innovation rather than cost-inefficient instruments such as uncoordinated taxes or restrictive measures, as well as a robust and full commitment from the energy industry and other stakeholders. As support at the global level is critical, we urge ICAO member states to support the adoption of a long-term aspirational climate goal at the 41st ICAO Assembly in 2022.

Many long-term solutions require an acceleration of activity in the next decade, particularly the deployment of SAF. Some, such as continued efficiency gains, improvements in air traffic management and the implementation of CORSIA, can provide early climate action whilst longer-term measures are developed.



Luis Felipe de Oliveira  
Director General



Kurt Edwards  
Director General



Simon Hocquard  
Director General



Jan Pie  
Chair



Willie Walsh  
Director General



Pete Bunce  
President and CEO



Guillaume Faury  
Chief Executive Officer



Christopher Calio  
President



Stan Deal  
President and CEO



Warren East  
Chief Executive Officer



Stefano Bortoli  
Chief Executive Officer



Gaël Méheust  
President and CEO



John S. Slattery  
President and CEO



Olivier Andriès  
Chief Executive Officer



Francisco Gomes Neto  
President and CEO



Stephen Timm  
President

Supported by innovation and action throughout the supply chain: