



## Aviation's Commitment to Sustainable Flying

Virtual event  
Fri, Oct 15, 2021 3:30 PM - 4:30 PM CEST

### Concept note

### Background

At the 77th IATA Annual General Meeting in Boston, USA, on October 4th 2021, a resolution was passed by IATA member airlines committing them to achieving net zero carbon emissions from their operations by 2050. This pledge, followed by the net zero commitment of the broader aviation industry, brings air transport into line with the objectives of the Paris agreement to limit global warming to 1.5°C.

Current projections estimate that demand for individual air passenger journeys in 2050 could exceed 10 billion. Success will require the coordinated combined efforts of the entire industry (airlines, airports, air navigation service providers, manufacturers) and significant government support.

The net zero objective will be met through a combination of maximum elimination of emissions at source and the use of approved offsetting and carbon capture technologies. The key elements of the emissions reduction strategy are:

- The use of Sustainable Aviation Fuel (SAF), sourced from feedstocks that do not degrade the environment or compete with food or water
- Investment in new aircraft technology, including radical new aerodynamic and alternative propulsion (electric or hydrogen) solutions
- Continued improvement in infrastructure and operational efficiency, with a particular focus on improved air traffic management
- The use of approved offsets including carbon capture and storage technology

To achieve its long-term emissions mitigation goal, SAF is today's most critical strategy. IATA estimates that SAF could contribute to around 65% of the reduction in emissions needed by aviation to reach net-zero in 2050. This will require a massive increase in production in order to meet demand. The largest acceleration is expected in the 2030s as policy support

becomes global, SAF becomes competitive with fossil kerosene, and credible offsets become scarcer.

## Agenda

The hour-long session will start with a 10' keynote speech by Sebastian Mikosz, IATA's SVP Environment and Sustainability. He will share with the audience the reasons behind the recent net zero commitment of IATA's members which account for over 80% of the global air traffic. He will also explain the existing pathways to the decarbonisation of aviation.

The keynote speech will be followed by a panel discussion focused on the challenges and the opportunities of deploying Sustainable Aviation Fuel (SAF) - one of the key solutions allowing to reach carbon neutrality.

## Panelists

- Sebastian Mikosz, SVP Environment and Sustainability, International Air Transport Association (IATA)
- Haldane Dodd, Executive Director of the Aviation Transport Action Group (ATAG)
- Grace Cheung, Head of Public Engagement & Sustainability, Cathay Pacific
- Thorsten Lange, EVP Renewable Aviation, Neste

## Participation

The virtual event is open to participation by delegates and representatives of various stakeholder groups through an open call for registration.

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