

Working together to shape the future  
growth of a safe, secure and sustainable  
air transport industry that connects and  
enriches our world

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# ANSP Peer Review

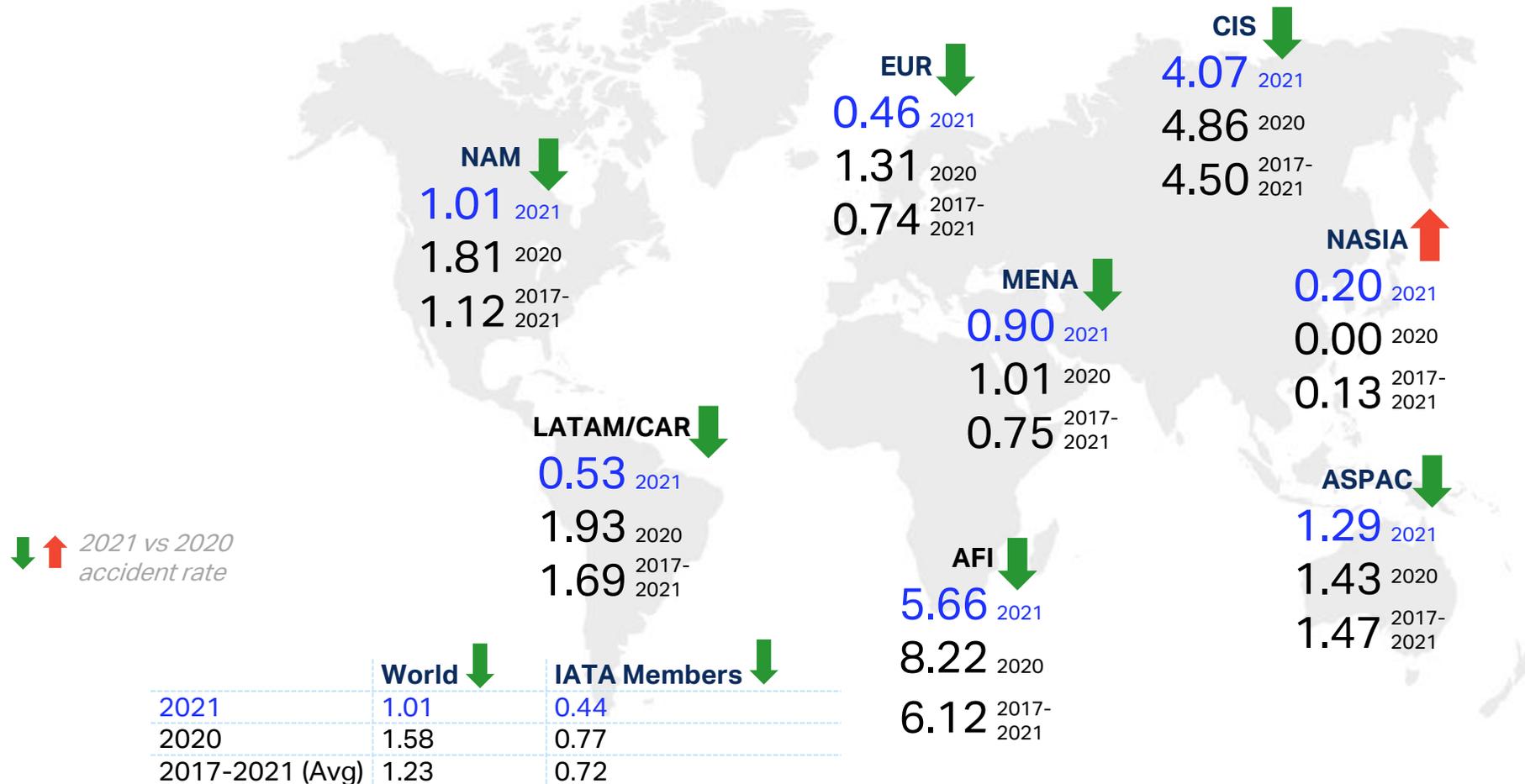
- Challenges and Recovery Strategies
- Innovation and Initiatives towards Industry Sustainability

Recover – Reconnect – Rebuild



# All Accident Rate per Region of Operator

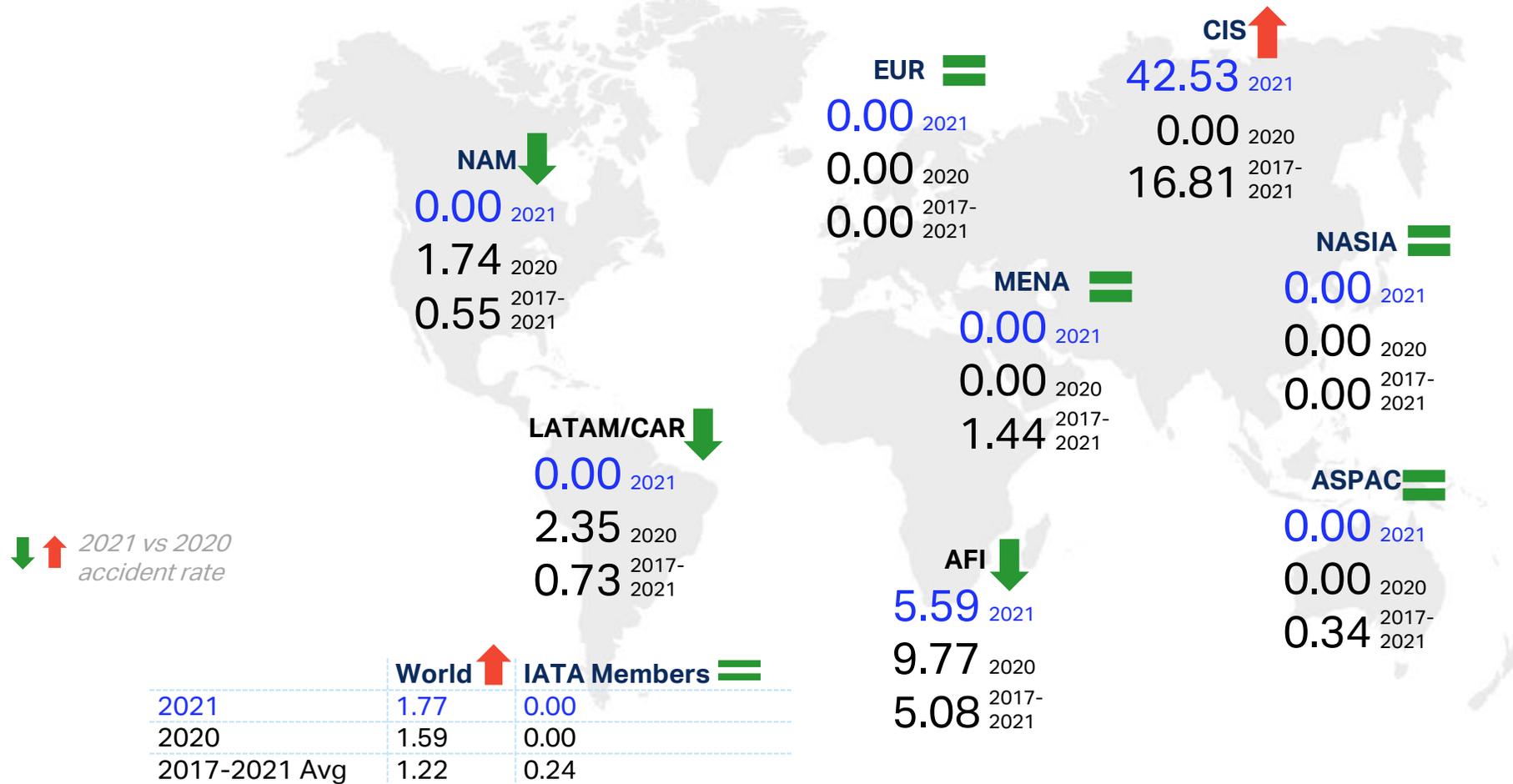
One region of operator witnessed an increase in the accident rate per million sectors



Source: IATA GADM

# Turboprop Hull Loss Accident Rate per Region of Operators

Turboprop hull loss accident rate has seen an increase in one region



Source: IATA GADM

# SAATM JPAP Action Plan 2022 Project Plan and Updates – IATA

## PILLAR 5: ENHANCING SAFETY AND SECURITY

### Objective

#### Priority Focus Areas - 2022:

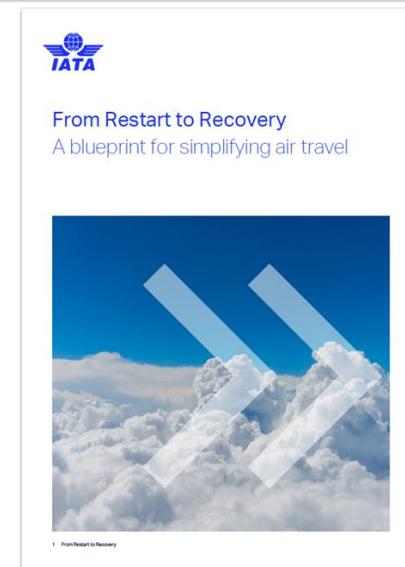
**Continuation of Technical Safety Project**

### 2022 Activities

- ✓ **Delivery of the ISSA and IOSA Gap Analysis onsite visits.**  
IATA will deploy its Auditors for running 9 onsite missions in 6 different SAATM countries:
  - o 6 ISSA operators
  - o 3 IOSA airlines
- ✓ **Delivery of the follow-up visits for:**
  - o 5 ISSA operators
  - o 2 IOSA airlines
- ✓ **Delivery of an additional ISSA awareness workshop with the aim of bringing onboard 4 additional operators to complete the 12+4 target**
- ✓ **Delivery of an additional QMS+SMS training to these 4 additional operators.**



- **The SAATM Enablers Index reveals 13 SAATM States with a favorable environment for successful SAATM implementation – ready to proceed with immediate implementation**



# IATA Auditing Programs IOSA/ISSA

## Overview

- Global Safety audit program
- Audit standards include ICAO safety and security provisions and industry SARPs from ICAO Annexes 1, 2, 6, 8, 17, 18 and 19
- Available to all commercial passenger & cargo airlines, regardless of IATA membership status

## AFI Adoption

- Compliment SAATM propagating Safe and Efficient Operations
- Compliment State Civil Aviation Authority Regulatory oversight through signed and activated MOUs – 4 of 46
- **Abuja Safety Target @ 43%**
- Evaluation & approval of foreign operators

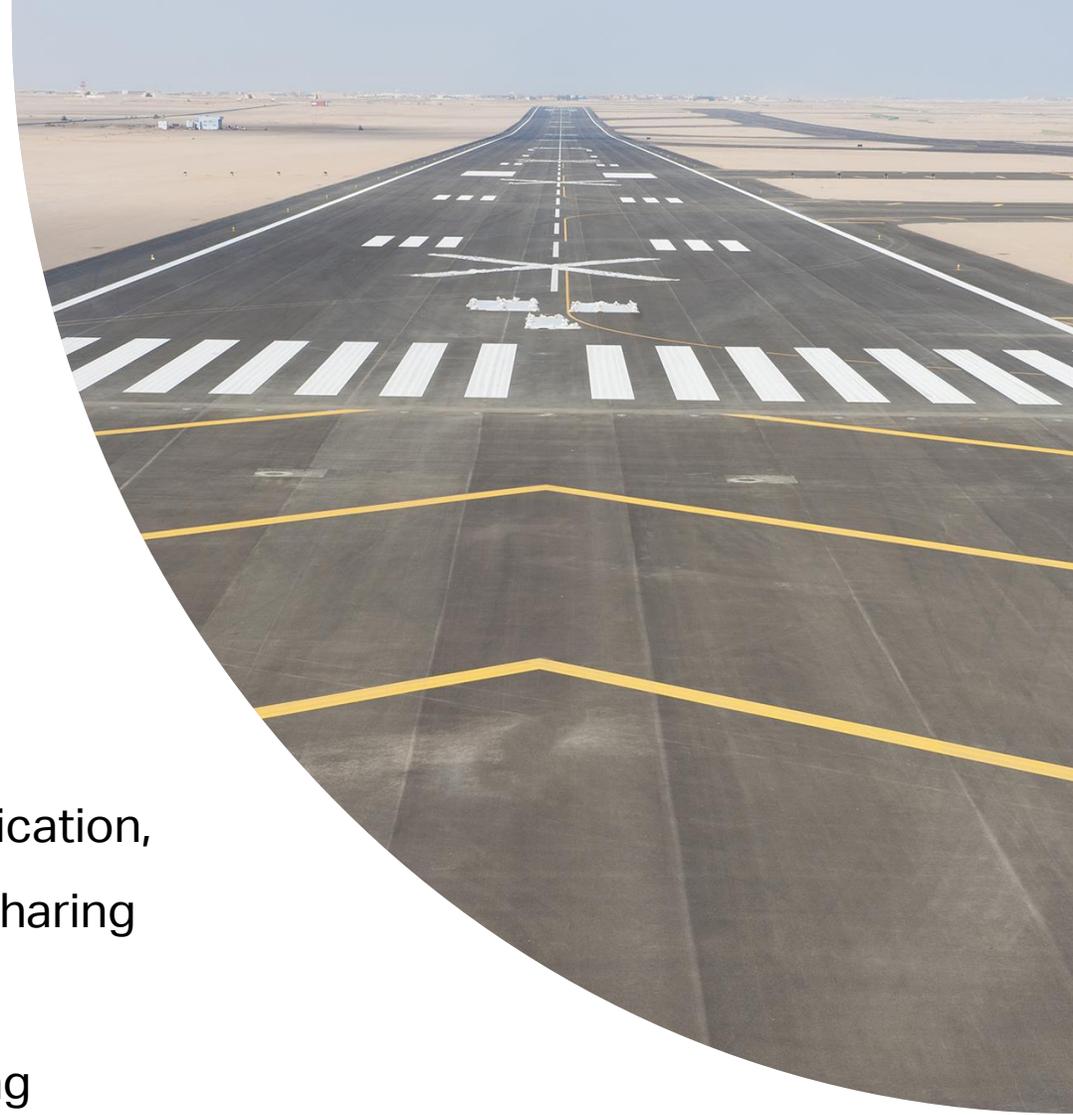
## Focus

- Standardization Support (IOSA, ISSA, ISAGO) through MOUs.
- Sharing initiatives which improve industry compliance with applicable regulations (CE 6 to CE 8).
- Propagate the use of Safety Performance Enablers and collaborate towards the full implementation of ICAO SSP framework



# The Road to Recovery

- ATM – Enabler for Rebuilding our network
- Traffic Growth - Preparedness to Meet Demand
- Capability to provide Operational Flexibility
- Addressing Known Deficiencies
- Increased predictability | ATM System Confidence
- Effective Mgmt of Contingency or Crisis Situations
- Seamless, Interoperable Network created through Communication, Collaboration, Coordination, Cooperation, and Information Sharing
- Equitable Use of Airspace across Africa
- Supporting Economic development in the Region, Stimulating demand



# AT(F)M

- Enhances Operational Safety & Efficiency
- Effective Airspace Management & Organisation
  - Not Overly Restrictive to Airspace User
  - Delivers Operational Flexibility
  - Ensures Predictability in Operations at strategic, pre tactical, and tactical stages
- Improves Aeronautical information Publication
  - Standardized Publication of Measures
  - NOTAM Mgmt
- Supports Contingency and Crisis Management
- Reduces Workload, and Ambiguity



# FPL SYS Capability – An Enabler for AT(F)M

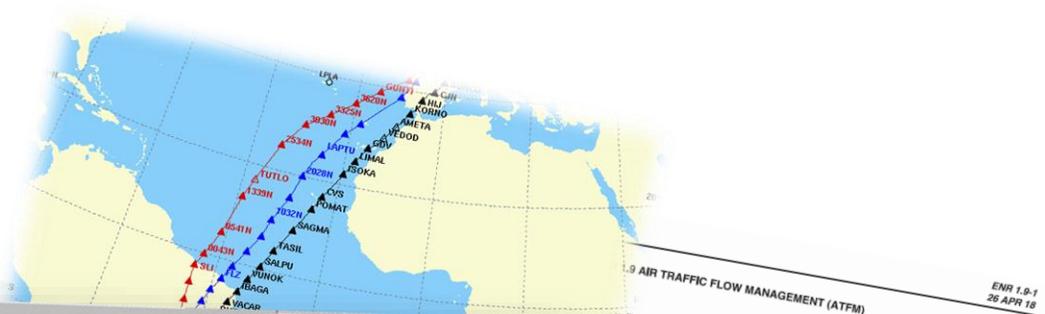


# Aeronautical Information

- Timely, Accurate, Publication without Ambiguity
- Standardized Publication of ATFM Measures
- Effective NOTAM Management & Processes

# Operational Flexibility

- Access to user preferred routes
  - (time, Cost, Fuel, Environment)
- Flight Plannable Route Options
- ATFM measures only applied as and where demand and complexity requires

A screenshot of a flight planning software interface. It shows a table with columns for route segments, fuel consumption, and other flight parameters. The table is titled 'Operational Case' and includes fields for 'Standard ST', 'Climb', 'Cruise', 'Descent', and 'Holding'. The table contains data for various flight segments, including fuel consumption and time.A screenshot of an Air Traffic Flow Management (ATFM) table. The table is titled 'AIR TRAFFIC FLOW MANAGEMENT (ATFM)' and includes columns for 'Destination', 'Route/Exit point', and 'Exit point/Arrival'. The table contains data for various destinations and routes, including 'YOMM', 'VABF', and 'RASKI'. The table is dated 'ENR 1.9-1 26 APR 18'.

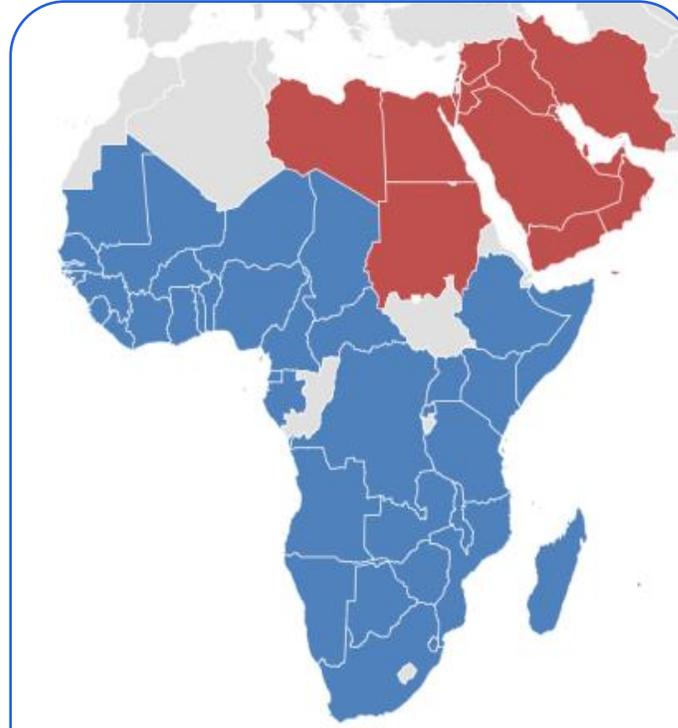
DUE TO COVID-19 PANDEMIC THE FOLLOWING MEASURES ARE IN PLACE:  
1. WITH THE EXCEPTION OF CARGO, HUMANITARIAN, REPATRIATION AND DIPLOMATIC ADD OR ARRIVING OR DEPARTING XXXX FIR ARE SUSPENDED (IF ANY) UNLESS THE FOLLOWING APPLIES:  
2. OVERFLIGHTS OF THE XXXX FIR ARE PERMITTED (RESTRICTED)  
3. THIS RESTRICTION DOES NOT APPLY TO ACFT OPERATED IN THE FOLLOWING CIRCUMSTANCES:  
a. TECHNICAL STOPS WHERE PASSENGERS DO NOT DISEMBARK  
b. ALTERNATE AIRPORTS IDENTIFIED IN A FLT PLAN FOR FLT PLANNING PURPOSES, AND TO ADDRESS NATIONAL HEALTH SCREENING... REMAIN IN THEIR HOTEL...  
4. CREW ENTERING THE NATIONAL TERRITORY OF XXXX SHALL (INSERT AS APPLICABLE IF THERE ARE C...  
5. PASSENGERS ENTERING THE NATIONAL TERRITORY OF XXXX SHALL (INSERT AS MAY BE APPLICABLE)



# Aeronautical Information

- Access
- noncompliance to SARPS
- Lack of Coordination and understanding across the data chain
- Slow transition to AIM
- Lack of recognition of AIM and it's value to ANS

## Challenges



## AIM Action Group



- Become part of the conversation
- Ensure the basics are in place
- Invest in AIM
  - Training
  - QMS
  - AIXM

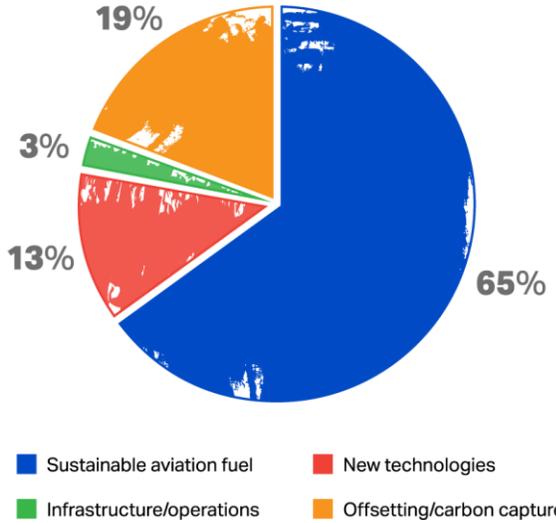
## AIMing forward



# TO ACHIEVE NET ZERO CARBON EMISSIONS BY 2050



Contribution to achieving Net Zero Carbon in 2050



Operations and infrastructure can contribute **around 3%** of the emissions reductions needed in 2050.



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Thank you