



ICAO

INTERNATIONAL CIVIL AVIATION ORGANIZATION

A UN SPECIALIZED AGENCY

RECONNECTING **THE** WORLD

ICAO's environmental activities to achieve LTAG

15th Global Humanitarian Aviation Conference

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Deputy Regional Director, ICAO

LTAG - FUELS - Key Findings:

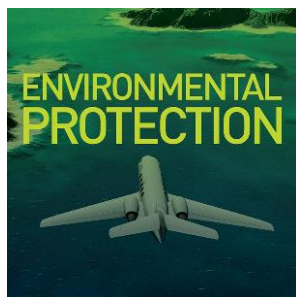
Aviation Fuels have the largest potential to reduce CO₂ emissions.

ICAO and Environment

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ICAO STRATEGIC OBJECTIVE

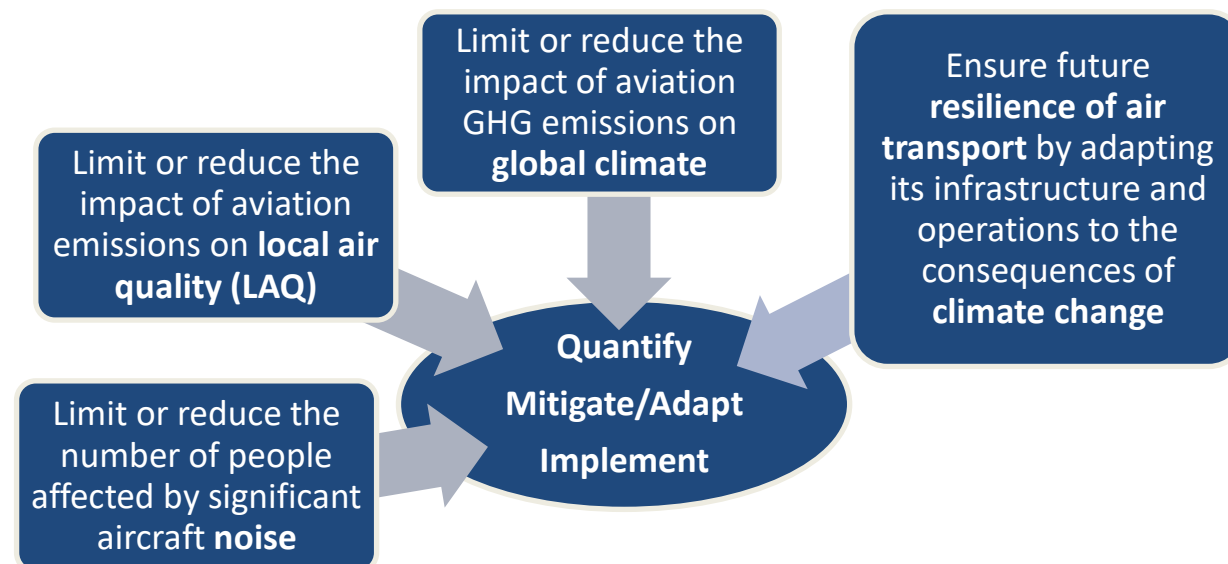
Minimize the adverse effect of global civil aviation on the environment



ICAO's environmental work contributes to 14 out of the 17 United Nations SDGs



ICAO ENVIRONMENTAL GOALS



41st ASSEMBLY RESOLUTIONS

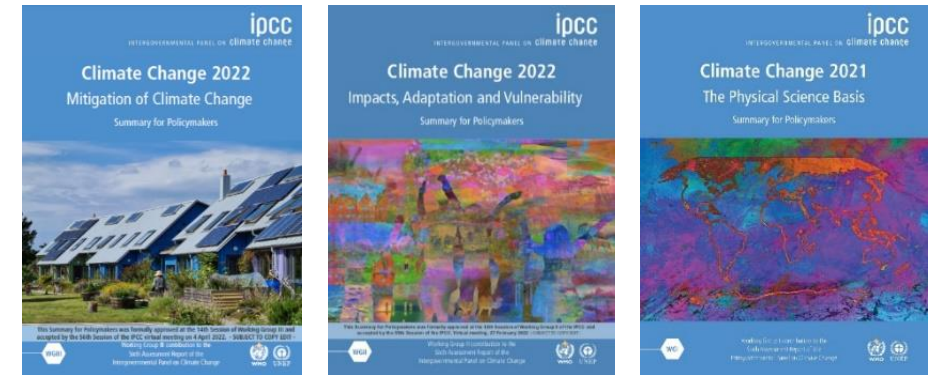
- A41-20: General provisions, noise and local air quality
- A41-21: Climate change
- A41-22: Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA)

ASSEMBLY RESOLUTION A41-21 (LTAG)

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Aviation Contributes to Climate Change - IPCC Report



The 41st Assembly agreed to a collective long-term global aspirational goal (LTAG) of net-zero carbon emissions from international aviation by 2050

Resolution A41-21 :

- Net zero carbon emissions for international aviation by 2050
- in line with the Paris Agreement's global temperature goal

LTAG Report

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LTAG Report

- Sustainable Aviation Fuels (SAF) have the greatest potential to reduce emissions from International aviation
- States will contribute to the goal
 - In accordance with their national circumstances and capabilities
 - LTAG does not attribute specific obligations or commitments in the form of emission reduction goals to individual States

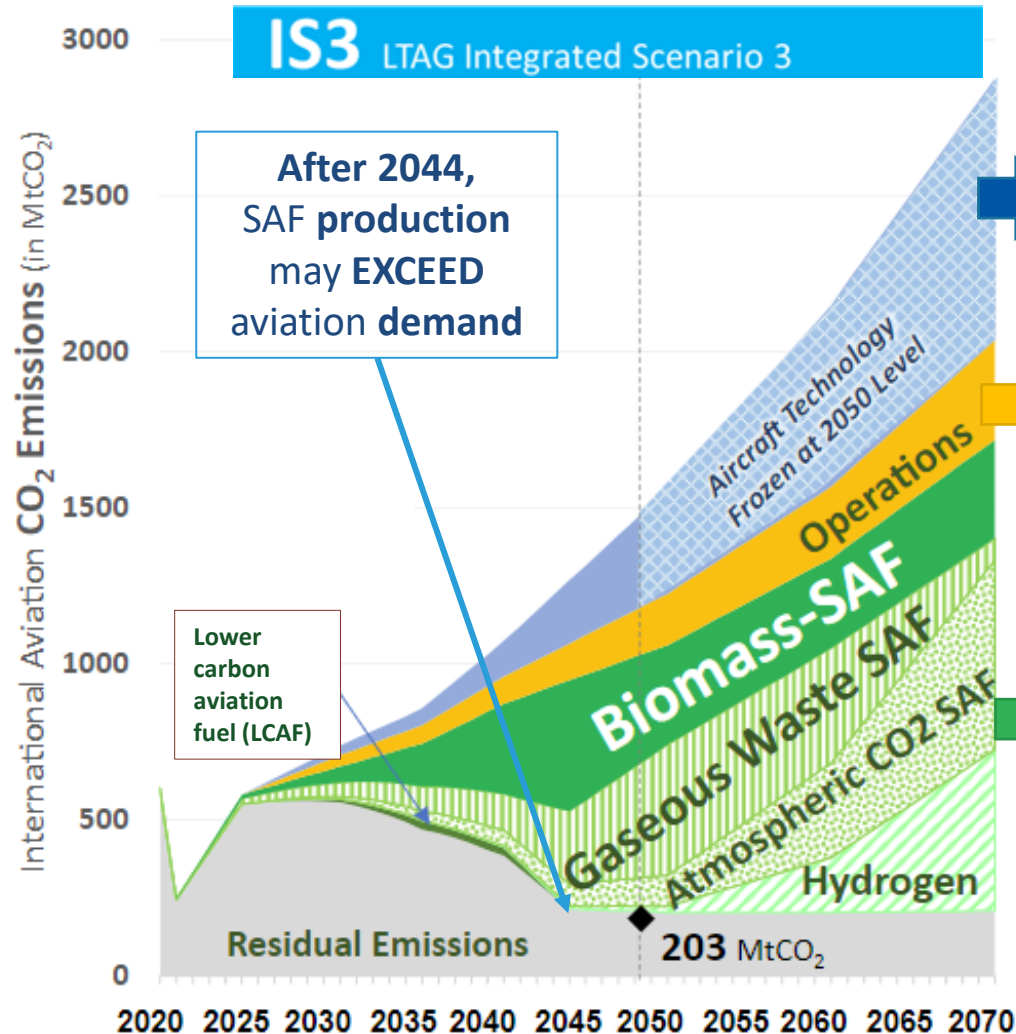


LTAG Report Appendices (English only)



LTAG REPORT – contribution from Technology, Operations and Fuels

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Advanced tube and wing, unconventional airframe/propulsion concept aircraft, non-drop-in fuels such as battery electric etc.

- Improvements in the performance of flights across all phases

- Sustainable aviation fuels (SAF) and other cleaner energy have the largest impact on residual CO₂ emissions, driving overall reductions by 2050
- Contributions from hydrogen may increase in the 2050s and 2060s if technically feasible and commercially viable

Sustainability : ICAO' actions and new cooperation initiative

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ACT-SAF is an ICAO initiative to facilitate the development and deployment of SAF :

- Tailored support for States
- Facilitate cooperation under ICAO coordination
- Dedicated platform to facilitate knowledge sharing and progress monitoring

As of August 2023, **87 States** and **46 Organizations** joined as ACT-SAF Partners:

- **Training Series**
- **Feasibility Studies, Template for Feasibility Studies,**
- **Outreach of Initiatives** from ACT-SAF Partners, etc.

All parties are invited to become an ACT SAF Partner - [ACT-SAF Terms and Conditions](#)

Sustainability : State Action Plans on CO2 emissions reduction

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Long-term strategy on climate change for the international aviation sector



139 States representing 98.53% of global RTK
have voluntarily submitted their State Action Plan

- Outlines policies and enables accountability
- Provides a roadmap for achieving the LTAG
- Facilitates international cooperation among ICAO Member States
- Encourages innovation in technology, operations and SAF
- Facilitates financing and attracts investments for emissions reduction projects
- Include long term strategy to reduce the impact on climate change

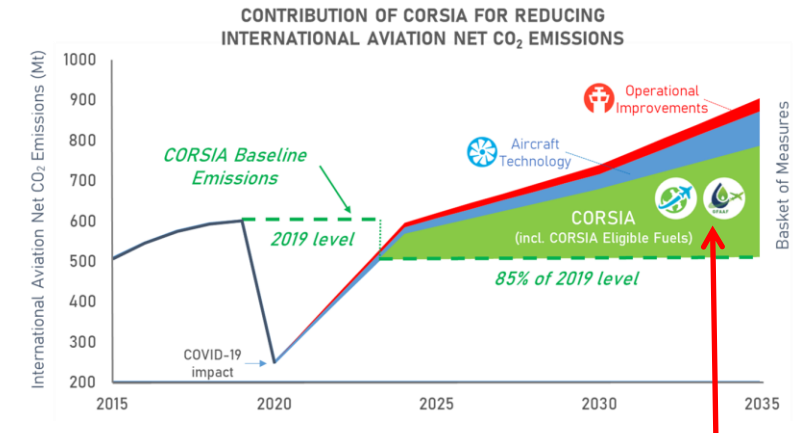
Sustainability : actions and cooperation to achieve LTAG

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CORSIA complements the other three elements in the ICAO basket of measures:

- technological innovations
- operational improvements
- sustainable aviation fuels

Objective: Achieve ICAO's global aspirational goal of carbon neutral growth from 2020 (CNG 2020)



CORSIA addresses the remaining "emissions gap" to achieve CNG2020

115

Volunteer States to participate in CORSIA in **2023**

125

Volunteer States to participate in CORSIA for **2024**

119

States benefiting of **ACT CORSIA**

17

States supporting other States

ACT-CORSIA: coordinated approach to harmonize and bring together all relevant actions and promote coherence to capacity building efforts for CORSIA implementation – also enabling the monitoring of global progress / transparency

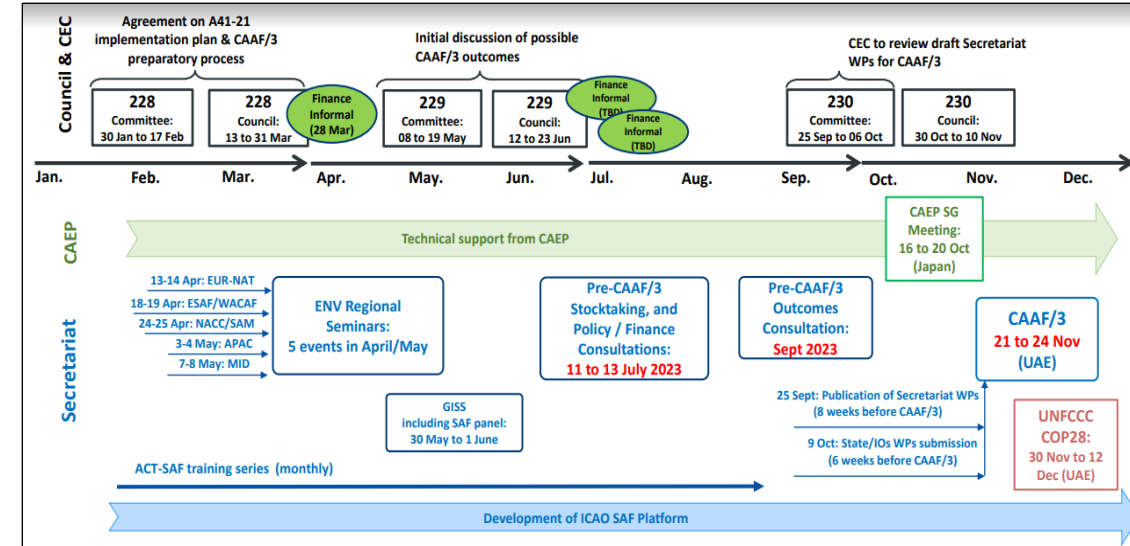
The 3rd Conference on Aviation and Alternative Fuels (CAAF/3)

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Third ICAO Conference on Aviation and Alternative Fuels (CAAF/3)

Date: 20 - 24 November 2023
Location: Dubai, United Arab Emirates
Venue: Hilton Dubai Al Habtoor City

- bring together high-level officials from States
- review the 2050 ICAO Vision for SAF and other cleaner energy sources
- define a global framework in line with the No Country Left Behind (NCLB) initiative and taking into account national circumstances and capabilities
- Register online no later than **24 October 2023**
- Inform **Ministerial-level** participation in the high level segment on **20 November 2023** no later than 24 October 2023
- Submit **documentation** for discussion at CAAF/3 by 17 October 2023



Advancing gender equality in aviation

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Resolution A41-26 includes a number of new action for the Member States and the Secretariat.

The recent ICAO Global Aviation Gender Summit that was held in Madrid resulted in a “Call to Action” comprised of several clear and actionable steps and strategies towards resolving the aviation sector’s very significant gender equality challenges

- Development of better data
- Importance of mainstreaming gender equality
- Upscaling representation of diverse talents in leadership and role models
- Promoting access to STEM education and motivating younger generations toward careers as skilled aviation professionals

Advancing gender equality in aviation

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GENDER EQUALITY IS A HUMAN RIGHT



In the EUR/NAT Region

- to foster the exchange of information, experience and best practices
- to promote new or ongoing initiatives by States and organizations
- to strongly promote gender equality in aviation at the national level
- to participate and actively engage in events on gender equality
- to consider providing voluntary contributions to the ICAO Gender Equality Programme as well as initiatives in support of improving gender equality



Thank You