

**59<sup>th</sup> Conference of Directors General of Civil Aviation  
Asia and Pacific Region  
Cebu, Philippines 14-18 October 2024**

**Agenda item 7: Aviation and Environment**



# ICAO Long-term Aspirational Goal (LTAG)

- Net-zero carbon emissions from international aviation by 2050
- Adopted by the ICAO Assembly in 2022 (Resolution A41-21)
- In support of the Paris Agreement's temperature goal
- SAF, LCAF, and other cleaner energy sources are key to the achievement of the LTAG

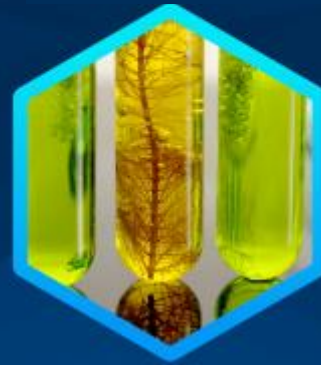


# ICAO Global Framework for SAF, LCAF and other Aviation Cleaner Energies

## Policy and Planning



## Regulatory Framework



## Implementation Support



## Financing



- Supports global scale up of aviation cleaner energies – Collective Vision to reduce 5% CO2 by 2030
- Provides clarity, consistency and predictability to all stakeholders on 1) policy and planning, 2) regulatory framework, 3) implementation support, and 4) financing – 4 Building Blocks
- Monitors the implementation progress on emissions reductions and means of implementation
- Aspiring to have cleaner energy production facilities in all regions by CAAF/4 (no later than 2028)
- To update the Vision at CAAF/4 on the basis of market developments
- In June 2024, ICAO Council has approved a roadmap for the implementation of the CAAF/3 outcomes



94

States

Name of State

- Albania
- Argentina
- Australia
- Austria
- Bahamas
- Banqladesh

19 from APAC

Acceptance to ... Pending Yes



95

Organizations

Name of Organization

- WORLD TRAVEL & TOURISM COUNCIL
- World Bank
- Wizz Air
- WEF - World Economic Forum
- Verifavia
- University of Sheffield

International Organizations

Acceptance T&C (Blank) Pending Yes

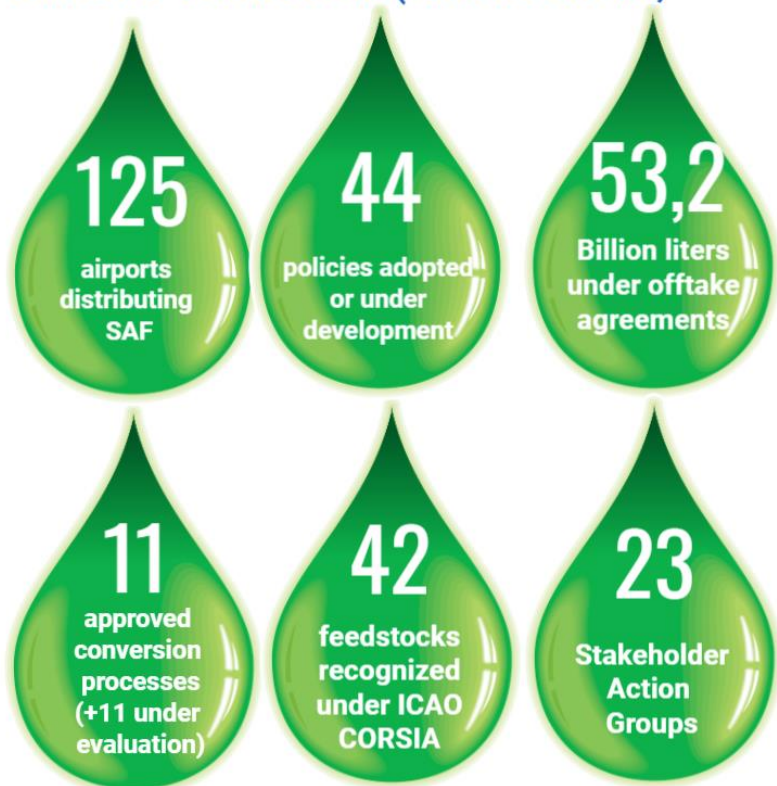


- Supports States in SAF development and deployment
- Facilitates and coordinates partnerships
- Provides a platform for knowledge sharing



# SAF tracking tools for monitoring progress

## ICAO SAF Tracker tools (click for details)



ICAO SAF tracking tools to monitor progress and facilitate information exchange



## Latest news (click for details)

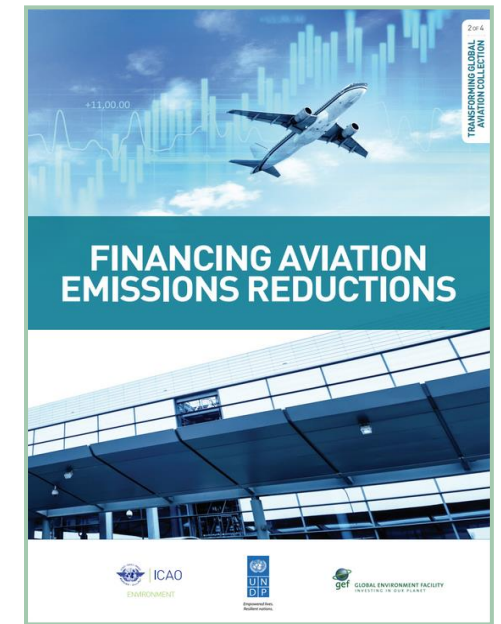
Search Saisissez une valeur

Filter by State

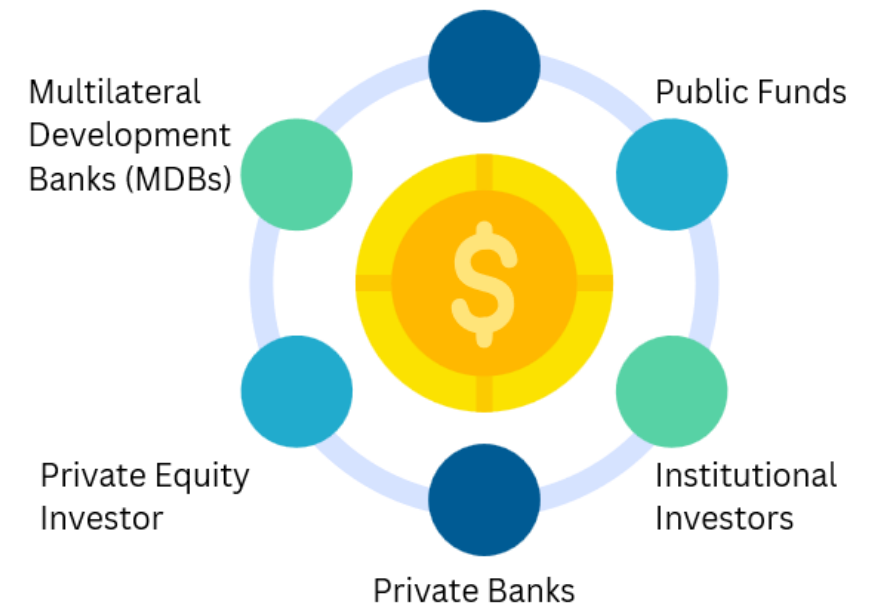
Date	Link
15 juil. 2024	<a href="#">UL and TCD to collaborate on Sustainable Aviation Fuel research study</a>
10 juil. 2024	<a href="#">EASA Establishes SAF Clearinghouse</a>
3 juil. 2024	<a href="#">China regulator launches country's first 'green' jet aviation fuel centre</a>
3 juil. 2024	<a href="#">OMV Petrom secures raw materials for production of sustainable fuels</a>
1 juil. 2024	<a href="#">KWE and IAG Cargo Agree to Expand Use of Sustainable Aviation Fuel</a>
1 juil. 2024	<a href="#">Korean Air and CEVA Logistics partner on cargo SAF use – Sustainable Aviation Fuel</a>
26 juin 2024	<a href="#">MUFG Bank Invests in LanzaJet and its Sustainable Aviation Fuel Production Technology</a>

# Financing Aviation emissions reductions

- enhance engagement and establish networks and dialogues with relevant stakeholders
- Operationalization of ICAO *Finvest Hub* initiative
- Analyze gaps and monitor developments to identify and pursue opportunities to increase the allocation of capital to aviation decarbonization projects
- Study to consider the establishment of a climate finance initiative or funding mechanism under ICAO

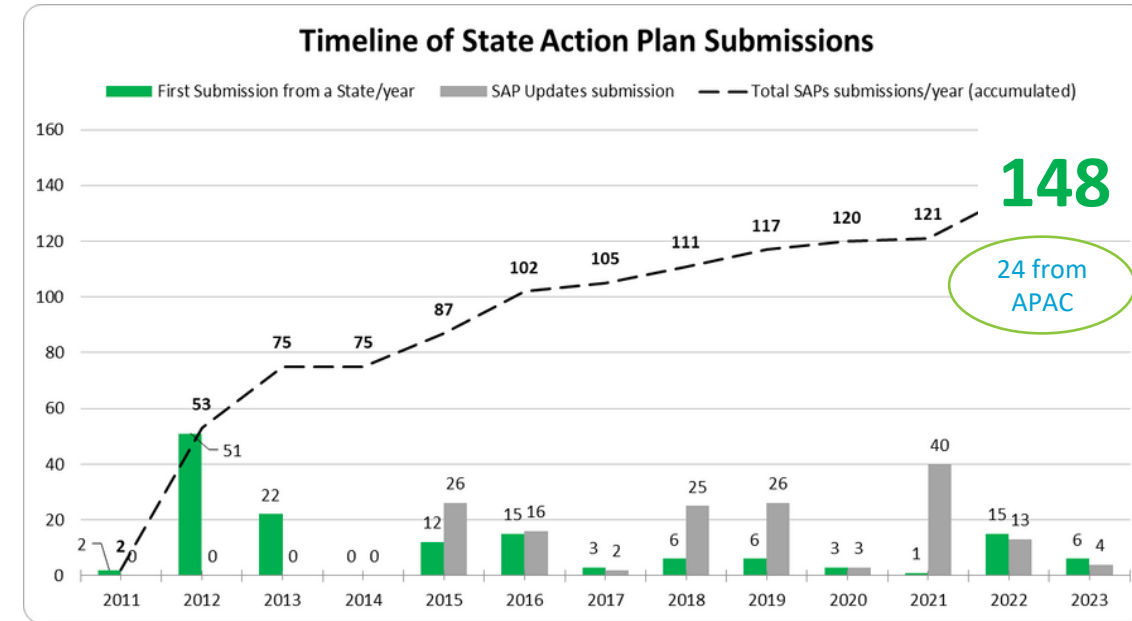
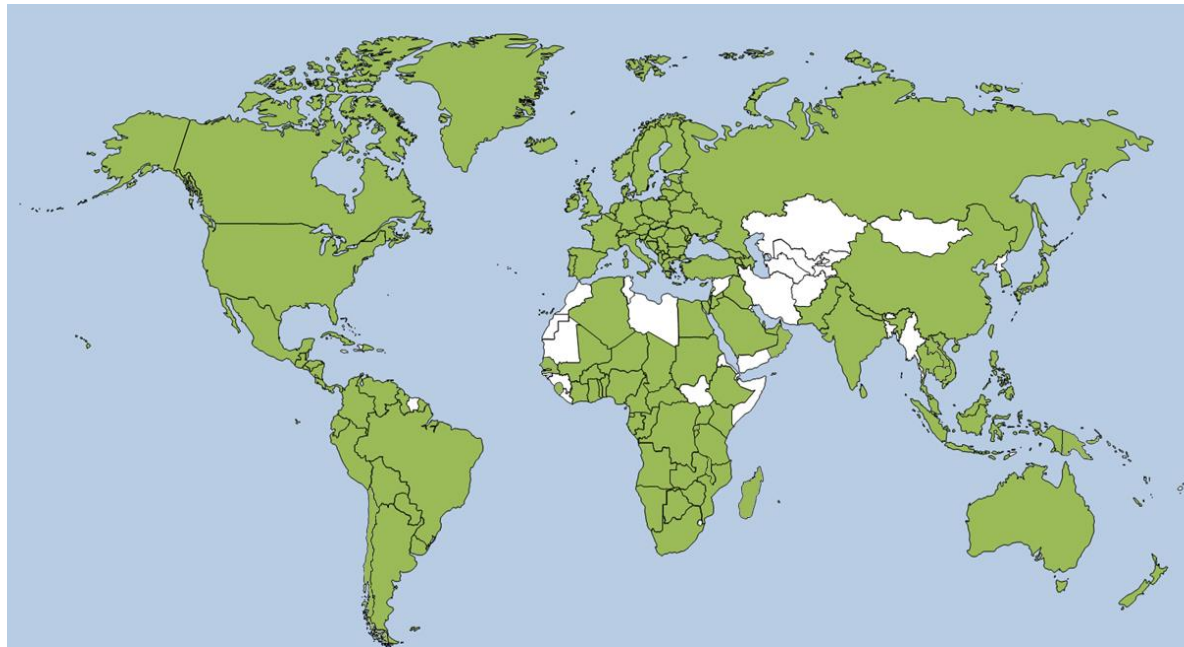


Bilateral and National Development Banks

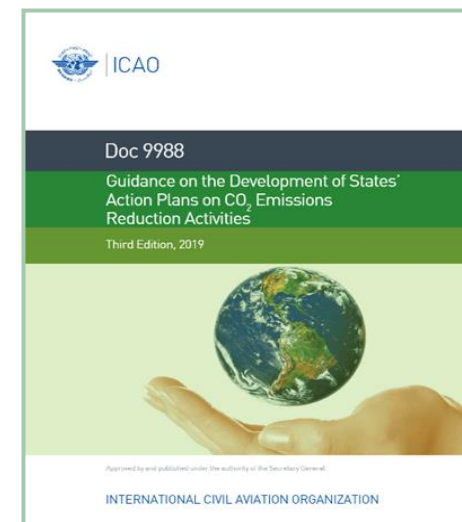


# ICAO State Action Plans initiative

**148 States (98.99% of global RTK)**  
have voluntarily submitted State  
Action Plans



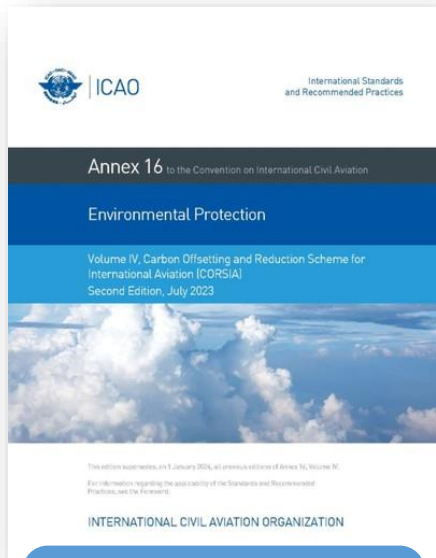
**Need for SAP updates** in light of  
LTAG and Global Framework



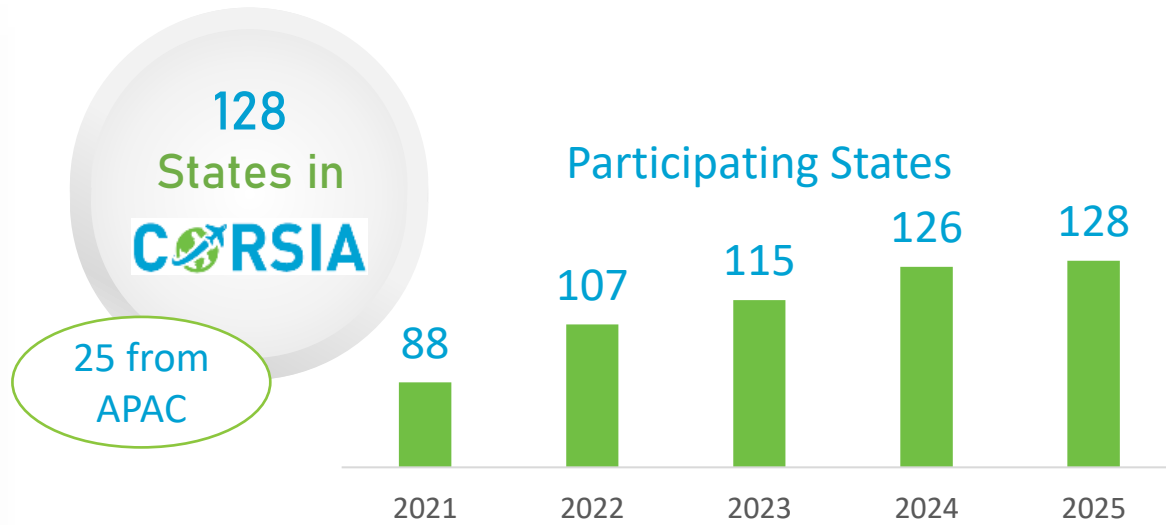
**Guidance on the Development of States' Action Plan on CO2 Emissions Reduction Activities (Doc 9988)**

Updated version is now available !

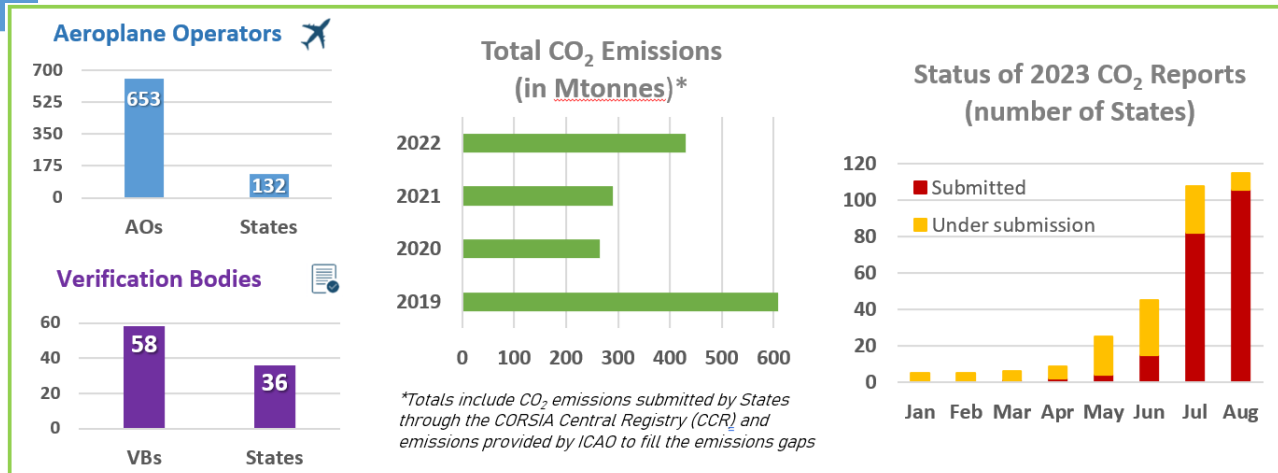
# Carbon Offsetting and Reduction Scheme for International Aviation



Second Edition of Annex 16, vol. IV



## CORSIA Central Registry (CCR)



ACT >>> CORSIA <sup>Phase III</sup> Assistance, Capacity-building and Training on CORSIA	
<b>AUSTRALIA</b> 1. BRUNEI DARUSSALAM 2. INDONESIA 3. NAURU 4. PAPUA NEW GUINEA 5. SRI LANKA 6. THAILAND	<b>KENYA / UNITED KINGDOM</b> 1. ETHIOPIA 2. RWANDA 3. SEYCHELLES 4. SOUTH SUDAN 5. UGANDA 6. UNITED REPUBLIC OF TANZANIA
<b>BRAZIL</b> 1. ANGOLA 2. CABO VERDE 3. MOZAMBIQUE 4. SAO TOME AND PRINCIPE	<b>NEW ZEALAND</b> 1. FIJI 2. SAMOA 3. SOLOMON ISLANDS 4. VANUATU
<b>CANADA</b> (Facilitated by CASSOS) 1. ANTIGUA AND BARBUDA 2. BARBADOS 3. GUYANA 4. HAITI 5. JAMAICA 6. SURINAME 7. TRINIDAD AND TOBAGO	<b>NIGERIA</b> 1. GAMBIA 2. GHANA 3. LIBERIA 4. SIERRA LEONE 5. SUDAN
<b>CANADA / FRANCE</b> 1. BENIN 2. BURKINA FASO 3. BURUNDI 4. CAMEROON 5. CENTRAL AFRICAN REPUBLIC 6. CHAD 7. COMOROS 8. CONGO 9. CÔTE D'IVOIRE 10. DJIBOUTI 11. D. R. OF CONGO 12. GABON 13. GUINEA 14. MADAGASCAR 15. MALI 16. MAURITANIA 17. MAURITIUS 18. NIGER 19. SENEGAL 20. TOGO	<b>REPUBLIC OF KOREA</b> 1. LAO PEOPLE'S D. R. 2. MONGOLIA 3. PAKISTAN 4. PHILIPPINES 5. VIETNAM
<b>FRANCE</b> (Facilitated by ACAD) 1. ALGERIA 2. MOROCCO 3. TUNISIA	<b>QATAR</b> 1. SAUDI ARABIA 2. IRAQ 3. JORDAN 4. KUWAIT 5. LIBYA 6. OMAN
<b>GERMANY</b> 1. ALBANIA 2. ARMENIA 3. AZERBAIJAN 4. BELARUS 5. GEORGIA 6. KAZAKHSTAN 7. NORTH MACEDONIA 8. REPUBLIC OF MOLDOVA 9. SAUDI ARABIA 10. SERBIA 11. TAJIKISTAN 12. TURKMENISTAN	<b>SINGAPORE</b> 1. COOK ISLANDS 2. KIRIBATI 3. MARSHALL ISLANDS 4. PALAU 5. TONGA 6. TUVALU
<b>ITALY / UNITED KINGDOM</b> 1. BAHAMAS 2. ERITREA 3. SOMALIA	<b>SOUTH AFRICA</b> 1. BOTSWANA 2. ESWATINI 3. LESOTHO 4. MALAWI 5. NAMIBIA 6. ZAMBIA 7. ZIMBABWE
<b>JAPAN</b> 1. AFGHANISTAN 2. BANGLADESH 3. BHUTAN 4. CAMBODIA 5. MALAYSIA 6. MYANMAR	<b>SPAIN</b> (* Facilitated by COCESNAI) 1. BELIZE * 2. BOLIVIA 3. COLOMBIA 4. COSTA RICA * 5. CUBA 6. EL SALVADOR * 7. EQUATORIAL GUINEA 8. GUATEMALA * 9. HONDURAS * 10. MEXICO 11. NICARAGUA * 12. PARAGUAY 13. PERU 14. URUGUAY
	<b>USA</b> 1. ARGENTINA 2. DOMINICAN REPUBLIC 3. ECUADOR 4. PANAMA

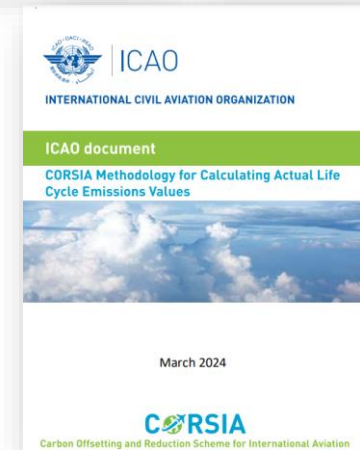
17 SUPPORTING STATES  
119 REQUESTING STATES



# Carbon Offsetting and Reduction Scheme for International Aviation



- **CORSIA Eligible Fuels:** ICAO Council approved amendments to three ICAO documents related to CORSIA eligible fuels in March 2024. Consideration of further CAEP recommendations is expected by the Council in October 2024
- **CORSIA Eligible Emissions Units:** Council will consider the result of TAB 2024 Assessment of eligibility of programs in October/November 2024
- **2025 CORSIA periodic review** currently being undertaken by the ICAO Council



# 2024 ICAO Environment Events



ICAO SEMINAR ON  
**GREEN AIRPORTS**  
ATHENS, GREECE | APRIL 18-19, 2024

EVENT SPONSOR  
**ATHENS**  
INTERNATIONAL AIRPORT  
ΕΛΕΥΘΕΡΙΟΣ ΒΕΝΙΖΕΛΟΣ

The banner features a dark blue background with white line-art icons representing a classical Greek temple, wind turbines, solar panels, an airport terminal, and an airplane. The text is centered in white.



ICAO Symposium on  
Non-CO<sub>2</sub> Aviation  
Emissions

16 — 18 September 2024  
Montréal, Canada

The banner has a green and blue background with icons of an airplane flying over a globe, a wind turbine, and a leafy plant.



2022 ICAO REGIONAL  
SEMINARS ON  
ENVIRONMENT

August - September 2024

ICAO  
ENVIRONMENT

2050

The banner features a light blue background with a central image of an airplane flying over a green field. It includes the ICAO logo and the year '2050' in large white digits.



2024 ICAO LTAG  
STOCKTAKING

7 — 10 OCTOBER 2024

The banner has a colorful background with various icons representing technology, renewable energy, and aviation. The text is in a bold, sans-serif font.

# Actions by the conference

- a) encourage States to support the implementation of the LTAG and ICAO Global Framework for Sustainable Aviation Fuels (SAF), Lower Carbon Aviation Fuels (LCAF) and other Aviation Cleaner Energies;
- b) encourage States to support and further engage in the ICAO ACT-SAF programme to promote the development and deployment of SAF within and outside the APAC region, through close coordination with ICAO;
- c) encourage States to submit updated and quantified State Action Plans to ICAO, encompassing innovations in technologies and cleaner energies, outlining respective policies, actions and roadmaps, including long-term projections, and ensuring the use of the best available data as supported by the updated ICAO guidance and tools;
- d) encourage additional States to notify the ICAO Secretariat of their decision to voluntarily participate in CORSIA;
- e) request States to renew their support to the implementation of CORSIA, including through their active participation in the ICAO ACT-CORSIA programme; and
- f) invite States to participate in the upcoming ICAO events on environment.