

ICAO EUR/NAT Environment Workshop

Hosted by the State Civil Aviation Agency of the Republic of Azerbaijan



ICAO



ICAO ACT SAF

ICAO ACT-SAF

ICAO Assistance, Capacity-building and Training for Sustainable Aviation Fuels

The 'ICAO Assistance, Capacity-building and Training for Sustainable Aviation Fuels (ACT-SAF) programme programme creates opportunities for States to develop their full potential in SAF development and deployment, in line with the ICAO Global Framework for SAF, LCAF and other Aviation Cleaner Energies, adopted at the ICAO CAAF/3. ACT-SAF was launched on 1 June 2022 as a side event associated to Stockholm+50.



<https://www.icao.int/ACT-SAF>

Launched on 1 June 2022, in an event
Associated to the Stockholm+50
Conference



What is ICAO ACT-SAF?

- An ICAO initiative to facilitate the development and deployment of SAF
- Tailored support for States
- Facilitate cooperation under ICAO coordination
- A Platform to facilitate knowledge sharing and progress monitoring

Why ICAO ACT-SAF programme?

- Builds on existing ICAO “ACT” experience, through partnerships and cooperation amongst States
- ICAO LTAG report foresees largest CO2 reductions coming from fuels/cleaner energy sources
- Need for immediate action to fully realize SAF potentials



en the full Tracker dashboard)

Implementation Support



ACT»SAF

78 Feasibility Studies	280 Total partners
27 References and Reports	101 Events
23 Stakeholder Action Groups	

ACT-SAF website provides the details on ACT-SAF participation and initiatives

Latest news

November 2025 - New feasibility study to be developed in **Namibia**, funded by Switzerland

November 2025 - ACT-SAF feasibility study for [Ethiopia](#) is now available

October 2025 - ACT-SAF feasibility study for [Chile](#) is now available

October 2025 - New business implementation study to be developed in Chile, funded by Netherlands

September 2025 - ACT-SAF feasibility studies for [India](#) and [Jordan](#) are now available



<p>1) Interested party expresses interest in becoming an ACT-SAF Partner</p>	<p>2) ICAO deploys ACT-SAF activities based on States tailored needs and capabilities</p>	<p>3) ICAO connects ACT-SAF Participants</p>	<p>4) ICAO facilitates agreements and coordinates concrete SAF projects</p>
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<p>Deployment of ACT-SAF activities</p> <ul style="list-style-type: none"> - Coordination calls with States to assess needs and offers - ACT-SAF Series on a monthly basis - Preparations to launch feasibility studies - Development of ICAO template for feasibility studies - Inception of ACT-SAF Platform on monitoring and reporting of SAF 	<p>Ongoing</p> <p>Facilitate the matching of needs and opportunities between States and industry</p>
<p>Connection with financing institutions</p> <p>Regional workshops & meetings with banks</p> <p>Identification of financial tools relevant for SAF</p>	





<https://www.icao.int/ACT-SAF>

ICAO ACT-SAF Knowledge Hub

<p><u>ACT-SAF Series of Training Sessions</u></p> <p>Comprehensive training on an array of SAF-related topics. All the sessions and their materials are available for viewing and downloading.</p> <table border="1"> <thead> <tr> <th>#</th> <th>Topic</th> <th>link video</th> <th>link presentation</th> </tr> </thead> <tbody> <tr> <td>20</td> <td>2025 Updates on the CORSIA regulatory framework for SAF Part I – new CORSIA default LCA values</td> <td>link</td> <td>link</td> </tr> <tr> <td>19</td> <td>Building bankable SAF projects</td> <td>link</td> <td>link</td> </tr> <tr> <td>18</td> <td>Understanding SAF Clearing Houses</td> <td>link</td> <td>link</td> </tr> <tr> <td>17</td> <td>From Vision to Reality - Sweden</td> <td>link</td> <td>link</td> </tr> <tr> <td>16</td> <td>Aviation and Green Taxonomy</td> <td>link</td> <td>link</td> </tr> <tr> <td>15</td> <td>Coprocessing and revamping: how to use existing refineries to produce SAF</td> <td>link</td> <td>link</td> </tr> <tr> <td>14</td> <td>Update on 100% SAF testing and recent achievements</td> <td>link</td> <td>link</td> </tr> <tr> <td>13</td> <td>SAF Business Implementation studies and TEA models</td> <td>link</td> <td>link</td> </tr> <tr> <td>12</td> <td>ICAO State Action Plans and SAF</td> <td>link</td> <td>link</td> </tr> </tbody> </table>	#	Topic	link video	link presentation	20	2025 Updates on the CORSIA regulatory framework for SAF Part I – new CORSIA default LCA values	link	link	19	Building bankable SAF projects	link	link	18	Understanding SAF Clearing Houses	link	link	17	From Vision to Reality - Sweden	link	link	16	Aviation and Green Taxonomy	link	link	15	Coprocessing and revamping: how to use existing refineries to produce SAF	link	link	14	Update on 100% SAF testing and recent achievements	link	link	13	SAF Business Implementation studies and TEA models	link	link	12	ICAO State Action Plans and SAF	link	link	<p><u>SAF Feasibility Studies</u></p> <p>Studies developed by ICAO and other organisations that aim to evaluate the potential for SAF production at a given State, including feedstock production.</p> <p style="text-align: right;">Number of Studies 76</p>
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	<p><u>SAF events</u></p> <p>Compilation of events hosted to discuss global challenges and solutions for further developing SAF.</p> <p style="text-align: right;">Upcoming events 36 Past events 59</p>																																								
	<p><u>Technical References and Reports</u></p> <p>Useful materials to facilitate technical understanding on various SAF aspects.</p> <p style="text-align: right;">Available references 27</p>																																								



ICAO
ENVIRONMENT



ACT-SAF
HELPING COUNTRIES TAKE ACTION ON THE DEVELOPMENT
AND DEPLOYMENT OF SUSTAINABLE AVIATION FUELS

09-Dec-2025
Last update

ACT-SAF Studies

This dashboard provides details on the Studies enabled by contributions made to the ICAO Environmental Fund

Visualization by:

Charts & numbers

World Map

Table

33

Number of studies

8

Supporting States/Org.

27

State supported (total)

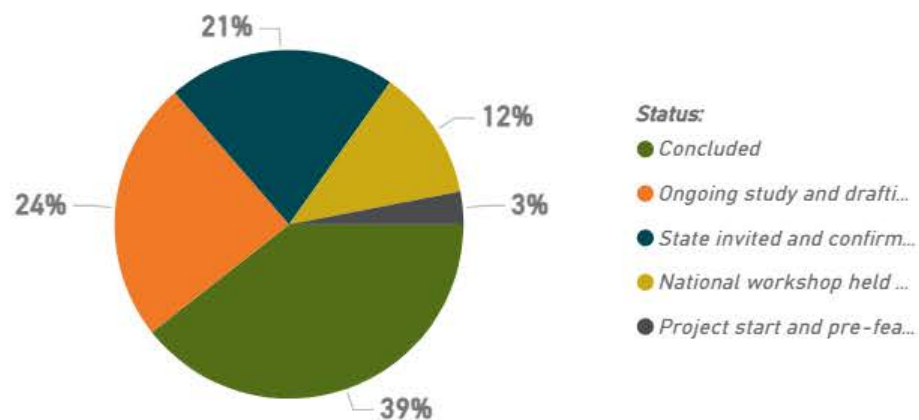
13

Studies concluded

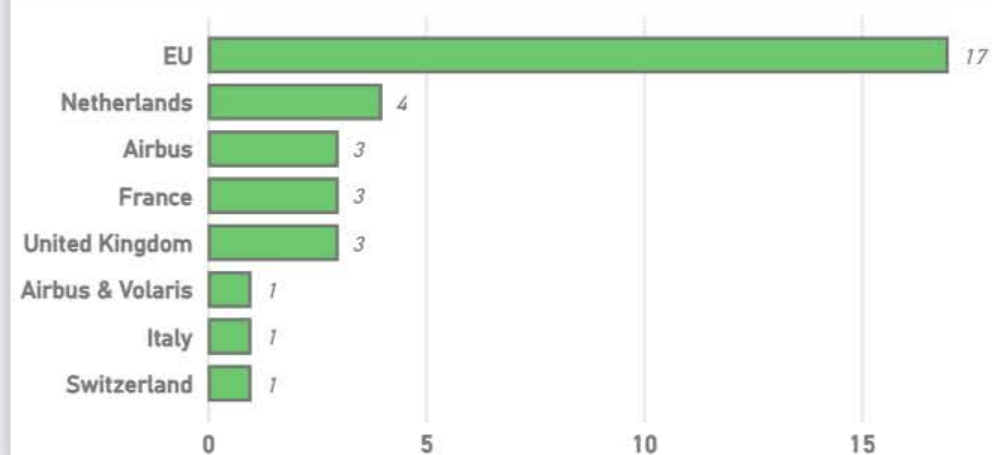
2

Study types

Current status of feasibility studies



Studies by supporting States/Organizations (total)



ACT-SAF disclaimer ([click here](#)). For comments or questions, please contact the ICAO Environment Office by email: officeenv@icao.int

ICAO has developed a template for SAF Feasibility Studies and Business Implementation Studies

- Ensure coherence across studies, increased quality
- Harmonized structure (more practical/quantitative)
- Ensure alignment with ICAO’s methodologies and guidance
- Include information relevant to facilitate financing
- Facilitate outreach of results of the studies

- ICAO consulted more than 100 ACT-SAF Partners on the draft template by end of May
- Very useful feedback received, to be consolidated in the final version.



ACT-SAF to facilitate SAF financing

ICAO is connecting with financial institutions across all regions to:

- 1. Raise awareness of financial institutions on the role of SAF** to achieve the LTAG, and on the interest of aviation/fuel industries for immediate and massive SAF scale-up;
- 2. Inform financial institutions of the significant investments needed** to scale-up SAF production capacity across all regions, in particular for developing countries.
- 3. Explore financial institutions' existing or future financing opportunities** to support SAF deployment and inform financing institutions of ways in which they can best contribute to SAF deployment.

Coordination with Financial Institutions

- Since September 2022, ICAO has organised workshops and initial **discussions with 35 public and private financing institutions and foundations**
 - **13 public institutions**: Brazil Development Bank (BNDES), Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), Emirates Development Bank (EDB), Arab Bank for Economic Development in Africa (BADEA), Asian Development Bank (ADB), World Bank, Green Climate Fund (GCF), Caribbean Development Bank (CDB), Asian Infrastructure Investment Bank, European Bank for Reconstruction and Development (EBRD), European Investment Bank (EIB), Finance Lab (Climate Policy Initiative), UNEP Financing Initiative (UNEP FI).
 - **18 private investment institutions**: SmartEnergy, ING Group, Green Investment Group, The Arab Investment & Export Credit Guarantee Corporation (Dhaman), Genzero, Deutsche Bank, Investor Group on Climate Change, Banque de Montreal (BMO), First Abu Dhabi Bank (FAB), Hamilton Clark and Breakthrough Energy, Barclays, ING, Societe Generale, Credit Agricole, BNP Paribas, KWF, Standard Chartered.
 - **1 foundation**: ClimateWorks Foundation.
- On March 28th 2023, the Council held an **informal meeting with high-level representatives** from international financing institutions.

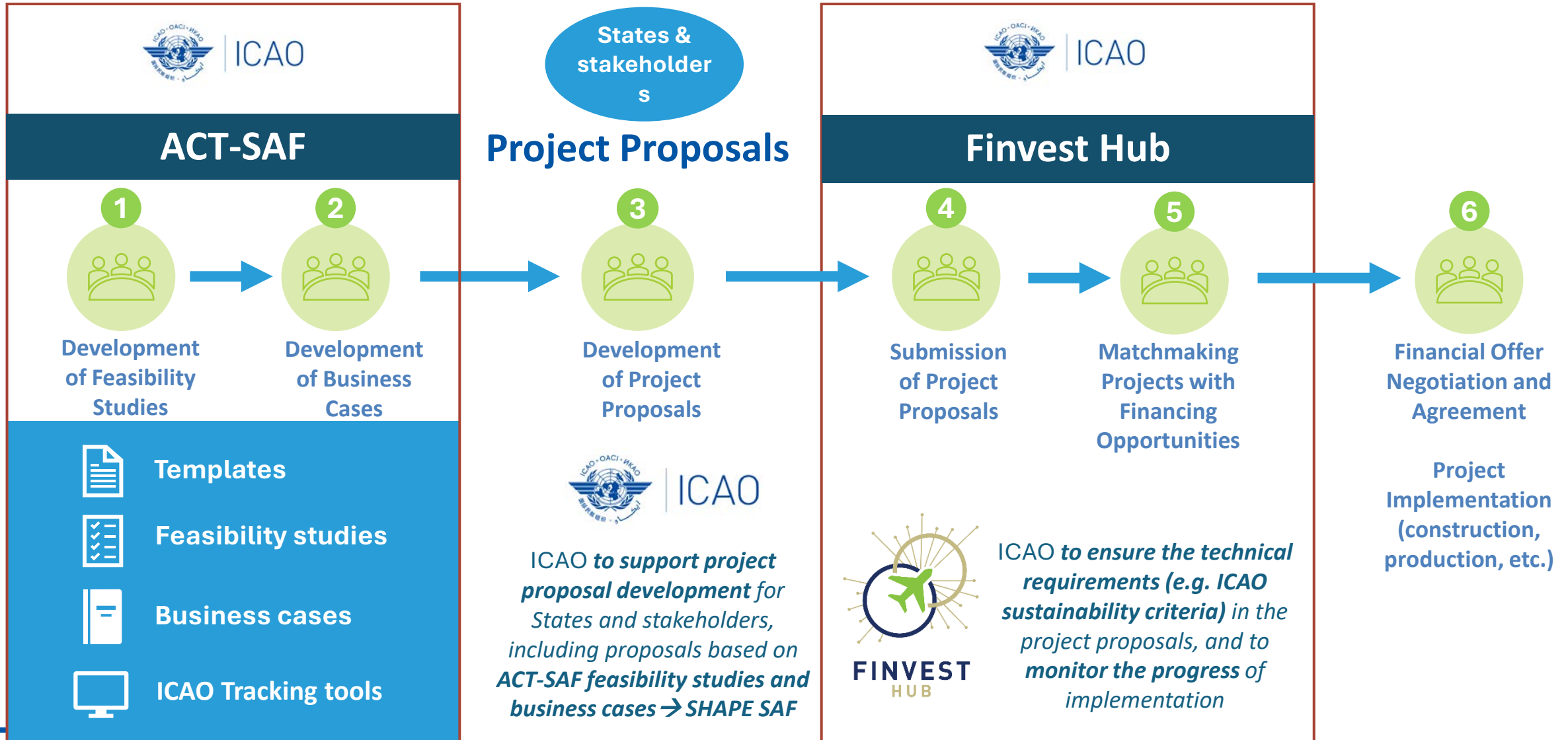


ICAO Finvest Hub

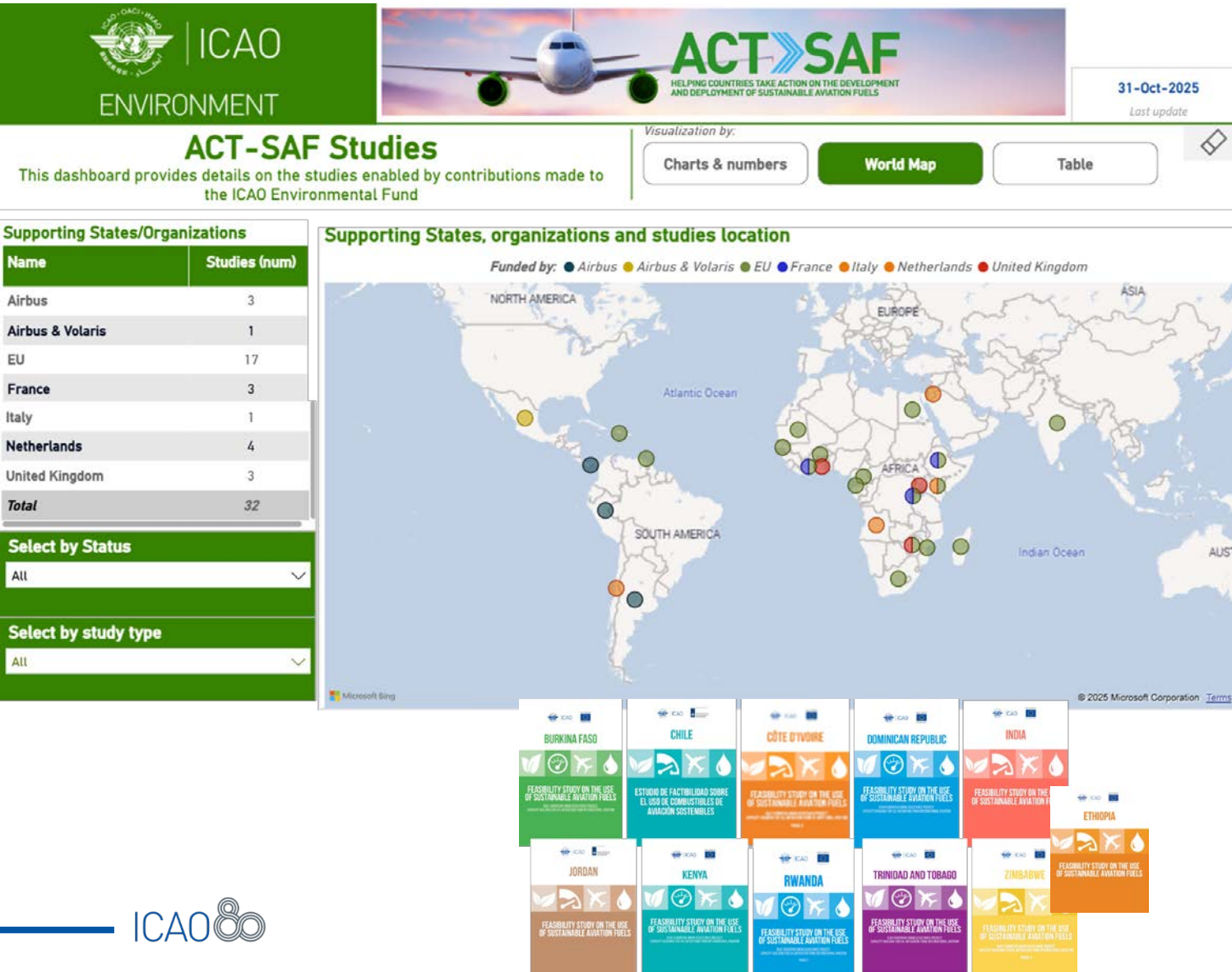
- 55 Billion dollars announced on SAF facilities
- 54 billion liters of SAF under offtake agreements (+260% since 2022)
- LTAG will **require up to 3.2 trillion USD** in investments - financing needs to accelerate planned SAF facilities
- **ICAO Finvest Hub** is now launched - Facilitate funding for projects contributing to the decarbonization of international aviation
- Connects States and project developers with climate finance opportunities
- Launch of the **Finvest@ETAF** portal by ICAO and IRENA in September 2025



ICAO Fininvest Hub



ACT-SAF



>280 ACT-SAF partners

20 training sessions concluded

32 SAF feasibility studies now

50 studies by 2028

ACT-SAF Knowledge Hub

Collects all materials to facilitate SAF capacity-building

ACT-SAF Accelerator

Supports analysis of life cycle values for new fuel sources and pathways under CORSIA



09-Dec-2025

Last update

ACT-SAF Partners

Visualization by:

Charts & numbers

Map (States)

Map (organizations)

117

Numbers of States (total)

163

Numbers of Organization

How to become an ACT-SAF Partner?

You can become an ACT-SAF Partner by agreeing to the [ACT-SAF Terms and Conditions](#). For those interested in further information, an e-mail can be sent to the Office of Environment (officeenv@icao.int). ICAO will schedule a meeting to discuss potential needs and/or contributions under ACT-SAF and further steps into the programme.

The ACT-SAF Programme is open to all interested parties in supporting the programme.

To become a partner, the interested party shall accept the Terms and Conditions on the ICAO website.

docs.google.com/forms/d/e/1FAIpQLSf28JBcRZNR9Xdj-LGB4XCZuhfwf1BSmsl9zjqeBGz5fGoUZA/viewform

1. Abbreviations and Definitions

1.1 In this document, unless the context otherwise requires, the following words or abbreviations shall have the corresponding meanings indicated below:

ACT-SAF ICAO's Assistance, Capacity-building and Training for Sustainable Aviation Fuels Programme

ENV ICAO's Office of Environment, a branch of the Air Transport Bureau (ATB)

ICAO The International Civil Aviation Organization, with Headquarters at 999 Robert- Bourassa Boulevard, Montréal, Quebec, Canada, H3C 5H7.

Partner An entity (State, Organization, or Institution) that has accepted the Terms and Conditions of the ACT-SAF in order to participate in the activities envisaged in the programme either as a supporting Entity or as a Requesting State.

Requesting State A Partner State that requests or receives support under the ACT-SAF Programme

SAF Sustainable Aviation Fuels

Supporting Entity A Partner entity that provides resources for the ACT-SAF Programme

Thank You

