

## Initial data request for Feasibility and Business Implementation studies under ACT-SAF

The SAF feasibility studies and business implementation studies aim to support the future development of SAF eligible under CORSIA and provide guidance to States through a report with exhaustive information and recommendations to enable launching or boosting the uptake of SAF at national level. This is aligned with the objectives of the ICAO Global Framework for SAF, LCAF and other Aviation Cleaner Energies, which seeks to promote the increase of SAF production worldwide.

While the studies will be conducted by experts engaged by ICAO, the participant State will play a fundamental role in collecting the necessary data to undertake such studies.

An initial set of data to be collected and provided by the State is identified in the table below.

The early identification of the basic data needed for the studies will cater more time for the State to begin engaging and coordinating across various prospective stakeholders. The table below also identify some of these stakeholders. However, this does not preclude additional data requests, and the engagement of additional stakeholders as further identifies by the ICAO experts during the study

<b>Government</b>	Federal/State Ministries and research institutions with portfolios comprising:	<ul style="list-style-type: none"> <li>- National/whole-of-government approach to addressing carbon emissions, sustainable development, energy transition plans/roadmaps/policies/strategies, and allocation of portfolio.</li> <li>- Existing policy on renewable fuels (including SAF).</li> <li>- Information on any ongoing initiatives / research on SAF.</li> <li>- Results from preceding SAF feasibility studies or other relevant studies on bioenergy potential.</li> <li>- Background information on energy infrastructure.</li> <li>- Aviation sector activity, passenger/freight traffic, mapping of main airlines and airports including market shares (leisure/tourism/business), international/domestic breakdown, historical and projected growth (RTK, past, current at projected future fuel use, if possible, broken down at airport level).</li> <li>- Historical fuel prices at airports (if available).</li> <li>- Types of aviation fuel used (conventional/SAF) and information sourcing and feedstock/pathway in case of SAF.</li> <li>- Regulatory issues, such as permits required, environmental assessments, water use licenses at federal/state level for a SAF project implementation.</li> <li>- Information on any existing national sustainability requirements applicable to feedstock and on any accredited sustainability certification bodies operating in the country.</li> </ul>
	Federal/State Ministries and research institutions with portfolios comprising:	<ul style="list-style-type: none"> <li>- Views on potential feedstock/pathway recommendations from preceding SAF feasibility studies or other relevant bioenergy studies (e.g. interlinkages between food/bio-energy needs, availability, historical/projected production, potential impact from yield increase/unused land/marginalized land).</li> <li>- National strategy on industrial and infrastructure development.</li> </ul>

	<ul style="list-style-type: none"> <li>- <b>Science &amp; Technology</b></li> <li>- <b>Planning and development</b></li> </ul>	<ul style="list-style-type: none"> <li>- Trade and governance issues pertaining to development and deployment of SAF (including local use and for export).</li> <li>- Trade and governance issues pertaining to use of crops and their derivatives for production of renewable fuels e.g. SAF.</li> <li>- Land area potentially available for feedstock production, and information around ownership of such land.</li> <li>- Information on value chain for treatment of waste and main actors.</li> <li>- Information on national policies and strategies aiming to protect the environment as regards the use of water, soil, biodiversity, and air quality standards.</li> <li>- Identification of non-industry specific stakeholders with interest in the SAF value chain, NGOs, organized labor, civil society.</li> </ul>
	<p>Federal/State Ministries with portfolios comprising:</p> <ul style="list-style-type: none"> <li>- <b>Finance</b></li> <li>- <b>Investment commissions</b></li> </ul>	<ul style="list-style-type: none"> <li>- *Options/strategy for sustainable finance and attracting international investments.</li> <li>- * Information on activities/working groups on the topic of financing sustainable development.</li> <li>- Information on preferred government approach to supporting renewable energy projects including biofuels/SAF.</li> <li>- Identification of finance institutions active in supporting renewable energy projects and (type of funding offered – if available).</li> </ul>
<b>Industry (Aviation)</b>	<p><b>Airlines</b> <b>Airports</b> <b>Ground handlers</b> <b>Business aviation</b> <b>FBOs</b></p>	<ul style="list-style-type: none"> <li>- Strategic, sustainability and energy transition plans, Existing SAF initiatives (SAF for delivery flights, batch deliveries, *offtake agreements, *equity investments in SAF production).</li> <li>- Information on any existing or planned partnerships on SAF.</li> <li>- Information around contribution of fuel price to overall costs.</li> </ul>
<b>Industry (Energy)</b>	<p><b>Energy companies</b> <b>Fuel storage/logistics</b></p>	<ul style="list-style-type: none"> <li>- Identification of energy operators/suppliers.</li> <li>- Information on existing supply chain for delivery of jet fuel to airports, and identification of key stakeholders (including feedstock producers, refinery capacity, biomass conversion facilities, logistic operators – e.g. road/rail/pipelines).</li> <li>- Geographical spread of facilities/infrastructure, outputs.</li> <li>- Energy transition plans, ongoing initiatives on renewable fuels (not limited to SAF).</li> <li>- Ability to handle SAF (infrastructure for blending, certification, etc.) and expected supply chain (e.g. comingled/bowser uplift).</li> </ul>

Items marked with a \* are particularly relevant for the preparation of a Business Implementation study.