

Technical Annex:

Minimum Requirements for SAF certificates under this framework agreement

1. Scope

This Annex defines the minimum technical and regulatory requirements applicable to Sustainable Aviation Fuel (SAF) emission reduction claims submitted under a book-and-claim system as part of this tender procedure. It specifies the conditions under which SAF-related greenhouse gas (GHG) emission reductions may be recognized and reported. The SAF emission reduction claims covered by this Annex serve exclusively for voluntary greenhouse gas accounting purposes.

2. Definitions

For the purpose of this Annex:

SAF (Sustainable Aviation Fuel) refers to aviation fuel meeting the definition and sustainability criteria set out in Regulation (EU) 2023/2405 (*ReFuelEU Aviation*), as amended, and the applicable provisions of Directive (EU) 2018/2001 (*RED II/III*), as amended. **Book-and-Claim System** means a certification and chain-of-custody system enabling the transfer of SAF-related emission reduction attributes independently of the physical fuel delivery, ensuring traceability, exclusivity, and prevention of double counting.

3. Minimum Requirements for Emission Reduction Claims

Emission reduction claims submitted under this tender must meet all of the following additional conditions:

- a) The claimed emissions reductions shall originate exclusively from SAF as defined in Regulation (EU) 2023/2405.
- b) The emission reductions shall be calculated on a well-to-wake basis, covering all lifecycle emissions from feedstock cultivation or collection through fuel production, distribution, and combustion.
- c) The SAF pathway shall meet or exceed the applicable minimum GHG reduction thresholds set by EU legislation at the time of delivery.
- d) The emission claims shall be unique, traceable, and not double-counted within any other reporting or compliance framework.
- e) The claims shall be certified under a sustainability certification scheme recognized under Directive (EU) 2018/2001 (RED II/III) and applicable for SAF under Regulation (EU) 2023/2405 (*ReFuelEU Aviation*).

f) The attribution of emission reductions to the procuring institution shall occur via a book-and-claim registry that ensures auditable chain-of-custody records and verification by an independent third-party entity.

g) Each SAF claim shall be accompanied by a certificate or verification statement issued by the relevant certification body, including a unique claim ID, date of issuance, SAF batch data (feedstock type, production pathway, and lifecycle emissions), and the associated emission reduction value in metric tonnes CO₂e.

4. Fossil Reference Emissions and Calculation Parameters

For the purpose of determining greenhouse gas emission reductions, the following parameters shall apply on a binding basis for conventional aviation fuel (CAF):

Lower heating value: 43.105 MJ/kg

Greenhouse gas emissions factor: 89 g CO₂-equivalent per MJ (well-to-wake)

The parameters set out above constitute the binding fossil reference baseline and shall apply to all individual call-offs and settlements under the Framework Agreement.

The absolute greenhouse gas (“GHG”) emission reduction (expressed in tonnes of CO₂eq) is calculated as follows:

$$\begin{aligned} & \text{Emission reduction [tonnes CO}_{2\text{eq}}] \\ &= \\ & \frac{\text{Amount of product [MJ]} \times \text{Fossil baseline of reference [g CO}_{2\text{eq}}/\text{MJ}] \times \text{GHG emission reduction [\%]}}{1,000,000} \end{aligned}$$

Deviating assumptions, alternative baselines or substitute reference values shall not be permitted under any circumstances.

5. Verification and Documentation

Suppliers shall provide all supporting documentation demonstrating compliance with the above requirements upon request, including sustainability certificates, registry documentation, and verification reports issued by accredited bodies. The procuring institution shall reject emission reduction claims where the submitted documentation demonstrates that the requirements of this Annex are not met. Where any SAF Certificate or associated greenhouse gas emission reduction value (tCO₂e) delivered under this Framework Agreement is subsequently determined to be invalid, double counted or non-compliant with the requirements of this Annex, the Supplier shall, at the Contracting Authority’s option, either provide an

equivalent verified greenhouse gas emission reduction value (tCO₂e) at no additional cost or reimburse the proportionate purchase price.