



SAF Sustainability Certification

Operationalizing Dual Conformance and Proof of Compliance

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ISCC's three primary certification systems for SAF

Tailored to market needs and the evolving global regulatory & voluntary markets

REGULATED MARKET

ISCC EU



- Officially **recognized by the EU COM**
- Compliance with **EU RED sustainability criteria** and **GHG savings**
- ISCC EU certified SAF can be claimed under **EU ETS, ReFuelEU Aviation, UK ETS** and **UK SAF Mandate**

ISCC CORSIA



- Officially approved by ICAO
- Used to demonstrate compliance with the **ICAO CORSIA sustainability criteria**
- ISCC CORSIA certified SAF can be claimed under **CORSIA**
- ISCC CORSIA certified SAF explicitly recognized by the **Science-Based Targets Initiative (SBTi)**

VOLUNTARY MARKET

ISCC PLUS



- Primarily focused on **voluntary markets** and **some non-EU regulated markets**
- Applicable to fuels, food, feed, industrial applications
- Often used for SAF claims in **non-regulated markets**

SAF Certification

Making Dual Conformance (DC) operative

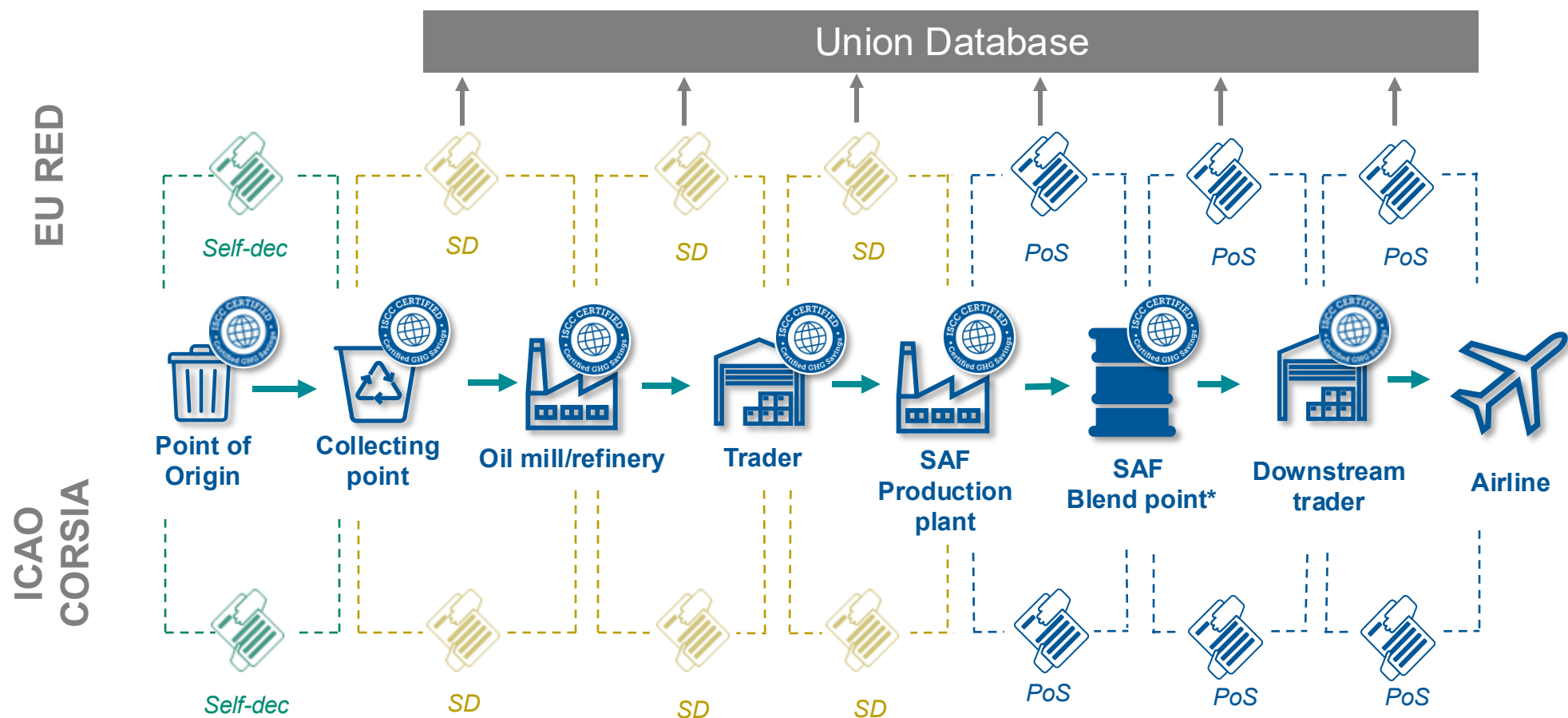
Background and context

- Based on the current regulatory frameworks, **batches of SAF** (and their intermediates and feedstock) **could be compliant at the same time with EU RED** (ReFuelEU Aviation) **and ICAO CORSIA criteria**¹
- The recently published **Report on ReFuelEU Aviation Flexibility Mechanism**,² opens to DC *“EU law does not prevent a batch of SAF to be certified under more than one certification scheme (e.g. RED, CORSIA certified fuels).”*
- Economic operators in the supply chain have expressed **strong interest in having DC operative**

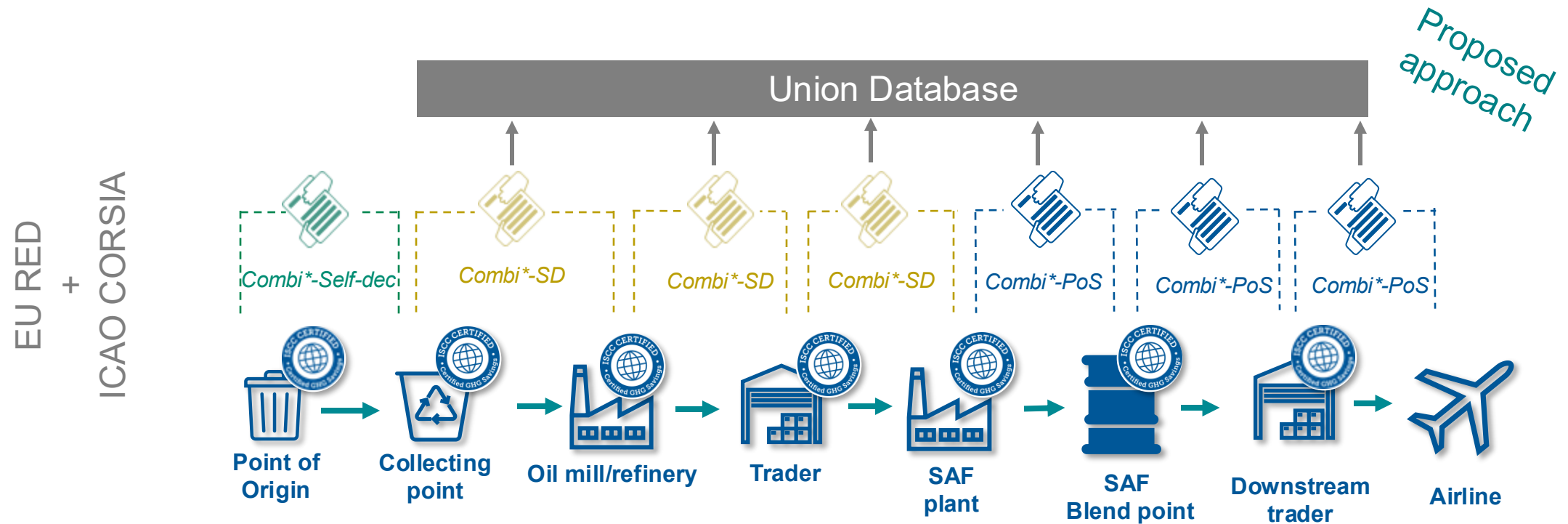
ISCC commitment to make DC operative

- ISCC has actively participated in several meetings with the **EU COM and ICAO** to discuss progress in this area – follow-up meetings to come
- **Key challenges** (e.g. UDB and reporting obligations) and **proposed solutions** have been clearly outlined
- Together with other recognized certification schemes, **ISCC is committed to establishing a robust certification framework to operationalize DC**

Current status: two traceability documentation flows set in parallel



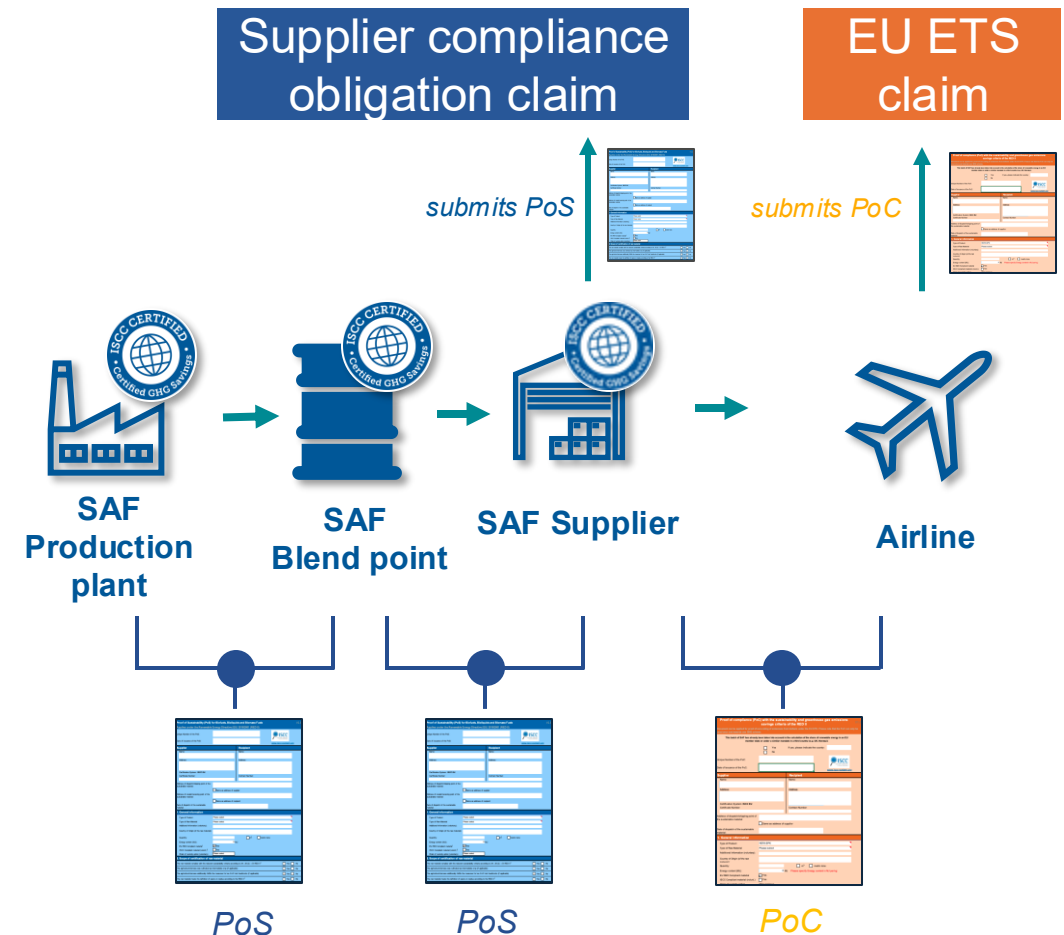
Dual conformance: one documentation flow (“combi” document)



* A so-called “combi” traceability document is a document carrying both EU RED and ICAO CORSIA requirements. Despite some common items (e.g. information on the recipient, sender, mass of the batch, ID number, ...) can be merged, the combi document will show two different main sections carrying scheme-specific information (e.g. for CORSIA: LCA, CEF Claim Form)

Targeting Market Challenges: The ISCC Proof of Compliance (PoC)

- ISCC, in collaboration with market leaders, **developed the Proof of Compliance (PoC) framework** to address gaps in document traceability at downstream level within EU regulations
 - Built on **existing PoS formats and processes**, ensuring consistency
 - **Clear auditing framework** (Guidance Document and Audit Procedures in place) and an additional PoC Trader scope
 - **Recognized in EU ETS Technical Guidance*** as for approved claims on Alternative Aviation Fuels
 - **Further recognized** within the United Kingdom, Germany, and Italy
- **>60 operators have successfully completed audits**, adding the PoC Trader scope to their ISCC certification



The PoC is not intended to replace the PoS. Instead, the purpose of the PoC is to complement the PoS to facilitate compliance claims

Proof of Sustainability (PoS) for Biofuels, Bioliqulids and Biomass Fuels
Applies under the Renewable Energy Directive (EU) 2018/2001 (RED II)

Unique Number of the PoS:

Date of Issuance of the PoS:

Supplier

Name:

Address:

Certification System: **ISCC EU**

Certificate Number:

Recipient

Name:

Address:

Contract Number:

Address of dispatch/whipping point of the sustainable material:

☐ Same as address of supplier

Address of receipt/receiving point of the sustainable material:

☐ Same as address of recipient

Date of dispatch of the sustainable material:

1. General Information

Type of Product:

Type of Raw Material:

Additional Information (voluntary):

Country of Origin (of the raw material):

Quantity: ☐ m³ ☐ metric tons

Energy content (MJ): 0 MJ

EU RED Compliant material¹: ☐ Yes ☐ No

ISCC Compliant material (volunt.)¹: ☐ Yes ☐ No

Chain of custody option (voluntary):

Country of biofuel production:

Start date of biofuel production¹:

If applicable, start date of bioliqulid/biomass fuel use^{1,2}:

2. Scope of certification of raw material

The raw material complies with the relevant sustainability criteria according to Art. 29 (2) - (7) RED II³: ☐ Yes ☐ No

The agricultural biomass was cultivated as intermediate crop (if applicable): ☐ Yes ☐ No

The agricultural biomass additionally fulfills the measures for low ILUC risk feedstocks (if applicable): ☐ Yes ☐ No

The raw material meets the definition of waste or residue according to the RED II³: ☐ Yes ☐ No

If applicable, please specify waste or animal by-product permit number:

Was support for the production of the fuel or fuel precursor received²: ☐ Yes ☐ No

If yes, please specify support nature and scheme:

3. Greenhouse Gas (GHG) emission information

Total default value according to RED II applied: ☐ Yes ☐ No

E = Total GHG emissions from supply and use of the fuel (gCO₂eq/MJ):

E = $E_{ec} + E_{el} + E_{p} + E_{ld} + E_{u} + E_{sc} - E_{ccs} - E_{cor}$ = 0 gCO₂eq/MJ

Allocated heat: gCO₂eq/MJ heat

Allocated electricity: gCO₂eq/MJ electricity

Esca: Specify which Bonus or Cap applies to any claimed Esca savings:

If applicable, please specify the NUTS2 area:

GHG emission saving⁴:

Please choose whether default values were applied:

Not valid without ID number of the ISCC certificate above

- Is the main piece of documentary evidence used for compliance, also referenced in regulatory guidance
- Is accepted by most competent authorities for compliance claims (e.g. those of aircraft operators)

Proof of Compliance (PoC)
Including sustainability and greenhouse gas emissions savings criteria of EU RED II

Please note: Issuance of Proof of Compliance (PoC) documents is subject to the fulfillment of several pre-conditions. Please reference the ISCC "Proof of Compliance" Guidance Document for further information. For utilization of this document in regulated markets, it is necessary to validate acceptance by competent authorities.

Unique Number of the PoC¹:

Date of Issuance of the PoC: (DD.MM.YY):

Related Supplier Delivery Note Number (only for marine fuels):

Unique Number(s) of the original, underlying PoS²:

Please indicate under which fuel supplier compliance or incentive scheme the original PoS document is submitted under (e.g., UK RTFO):

Supplier

Name:

Address:

Certification System: **ISCC EU**

Certificate Number:

Recipient

Name:

Address:

Contract Number:

Address of dispatch/whipping point of the sustainable product:

☐ Same as address of supplier

Address of receiving point of sustainable product (if differing from recipient address):

Date of dispatch of the sustainable product (DD.MM.YY):

1. General information

Type of Product:

Type of Raw Material/Feedstock:

Additional Information (voluntary):

Country of Origin (of the raw material/feedstock):

Quantity Factor: ☐ M³ ☐ Metric Tons

Quantity²: m³/15°C mt

Total quantity of product delivered³: m³/15°C mt

Energy content (MJ): MJ

Lower Calorific Value (LCV): MJ/kg

Product density, if available (at 15°): kg/m³

EU RED II Compliant material: ☐ Yes ☐ No

Chain of custody option:

2. Scope of certification of raw material

The raw material complies with the relevant sustainability criteria according to Art. 29 (2) - (7) RED II³: ☐ Yes ☐ No

The raw material meets the definition of waste or residue according to the RED II³: ☐ Yes ☐ No

3. GHG emission information (based on life cycle emissions calculation as per Directive (EU) 2018/2001)

Total default value according to RED II applied: ☐ Yes ☐ No

E = Total GHG emissions from supply and use of the fuel (gCO₂eq/MJ):

E = $E_{ec} + E_{el} + E_{p} + E_{ld} + E_{u} + E_{sc} - E_{ccs} - E_{cor}$ = 0 gCO₂eq/MJ

Allocated heat: gCO₂eq/MJ heat

Allocated electricity: gCO₂eq/MJ electricity

GHG emission savings⁴:

Please choose if default values were applied:

Not valid without ID number of the ISCC certificate above

- Does **not** have the same status as the PoS
- Comes into play **only** in situations where the PoS is no longer available, but a downstream entity (e.g., aircraft operator) is allowed to make a claim for the same batch of SAF (e.g., EU ETS)
- PoC is linked to the underlining PoS



ISCC PROOF OF COMPLIANCE GUIDANCE DOCUMENT

Version 1.0

A Dedicated ISCC Guidance Document and Audit Procedures for PoC

- The **ISCC Guidance Document** includes all the details required to properly handle PoC under ISCC
 - Context
 - PoC implementation (PoC-Trader scope, PoC-TR)
 - Auditing
- ISCC PoC-TR Audit Procedures are available on our website. They will be used by auditors during the verification process.

PoC Guidance Document



PoC Audit Procedures





Thank you!

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