Appendix I: Data Elements in a PoS

A certified entity using its own PoS template must ensure that the PoS contains at least the following information:

Transaction Information

- Unique PoS ID
- Delivery Note number
- Date of issuance
- Date of shipment
- Date and place of physical loading entry
- Date and place of physical loading exit

Supplier/Customer Information

- Name / Address of supplier
- Name / Address of customer of outgoing material
- Name / Address of last production/processing site
- If applicable: Name/Address of the third party managing the previous production/processing site

Certification Information

- Name of the certification scheme (i.e. ISCC CORSIA, RSB ICAO CORSIA, ISCC EU, RSB EU RED, ISCC PLUS, RSB Global)
- Name and Valid Certificate Number of Certification Body
- Chain of Custody model used (e.g. physical segregation, identity preserved, or mass balance)
- Short claim (a concise statement regarding the environmental, social, or economic benefits of SAF)

Production information

- Product description (production process)
- Country of fuel production
- Date production plant entered into operation
- Quantity of certified product
- Energy quantity of certified product

Raw Material information

- Description of the material used to produce the product (i.e. specification of the crop, production residue, or end-of-life product that was used)
- Country of raw material origin
- Statement if the raw material is eligible as production residue or end-of-life product under the certification system
- If applicable, additional claim as allowed under the certification system (e.g. Low ILUC Risk Biomass)

Greenhouse Gas Information

- Show calculations for GHG intensity of the product

Appendix II: Additional data elements to be provided to supplement the PoS for CORSIA Eligible Fuel*

* Applicable from SAF production point onwards

DATA FIELD		DETAILS
1. Purchase date of the neat CORSIA eligible fuel		
2. Identification of the producer of the neat CORSIA eligible fuel	**(2a)**	Name of producer of the neat CORSIA eligible fuel
	(2b)	Address of the producer of the neat CORSIA eligible fuel
3. Fuel production	**(3a)**	Production date of the neat CORSIA eligible fuel
	(3b)	Production location of the neat CORSIA eligible fuel
	(3c)	Batch identification number of each batch of neat CORSIA eligible fuel
	(3d)	Mass of each batch of neat CORSIA eligible fuel produced
4. Fuel type	**(4a)**	Type of fuel (i.e., Jet-A, Jet-A1, TS-1, No. 3 Jet fuel, Jet-B, AvGas)
	(4b)	Feedstock used to create the neat CORSIA eligible fuel
	(4c)	Conversion process used to create the neat CORSIA eligible fuel
5. Fuel purchased	**(5a)**	Proportion of neat CORSIA eligible fuel batch purchased (rounded to the nearest %) *Note: If the purchased amount of CORSIA eligible fuel is less than an entire batch*
	(5b)	Total mass of each batch of neat CORSIA eligible fuel purchased (in tonnes)
	(5c)	Mass of neat CORSIA eligible fuel purchased (in tonnes) *Note: Field 5c is equal to the total for all batches of CORSIA eligible fuels reported in Field 5b.*
6. Evidence that the fuel satisfies the CORSIA Sustainability Criteria		i.e., a valid sustainability certification document (proof of sustainability)
7. Life cycle emissions values of the CORSIA eligible fuel	**(7a)**	Default or Actual Life Cycle Emissions Value (LCEF) for given CORSIA eligible fuel, which is equal to the sum of 7b and 7c (in gCO2e/MJ rounded to the nearest whole number)

	(7b)	Default or Actual Core Life Cycle Assessment (LCA) value for given CORSIA eligible fuel (in gCO2e/MJ rounded to the nearest whole number)
	(7c)	Default Induced Land Use Change (ILUC) value for given CORSIA eligible fuel (in gCO2e/MJ rounded to the nearest whole number)
8. Immediate purchaser	**(8a)**	Name of the intermediate purchaser
	(8b)	Address of the intermediate purchaser *Note: This information would be included in the event that the aeroplane operator claiming emissions reductions from the use of CORSIA eligible fuels was not the original purchaser of the fuel from the producer (e.g., the aeroplane operator purchased fuel from a broker or a distributor). In those cases, this information is needed to demonstrate the complete chain of custody from production to blend point.*
9. Party responsible for shipping of the neat CORSIA eligible fuel to the fuel blender	**(9a)**	Name of party responsible for shipping of the neat CORSIA eligible fuel to the fuel blender
	(9b)	Address of party responsible for shipping of the neat CORSIA eligible fuel to the fuel blender
10. Fuel blender	**(10a)**	Name of the party responsible for blending neat CORSIA eligible fuel with aviation fuel
	(10b)	Address of the party responsible for blending neat CORSIA eligible fuel with aviation fuel
11. Location where neat CORSIA eligible fuel is blended with aviation fuel		
12. Date the neat CORSIA eligible fuel was received by blender		
13. Mass of neat CORSIA eligible fuel received (in tonnes)		*Note: This number may differ from the number in Field 6.c in cases where only a portion of a batch or batches are received by the blender (i.e. due to sale to intermediate purchaser).*
14. **Blend ratio of neat** CORSIA eligible fuel and aviation fuel (rounded to the nearest %)		
15. Documentation demonstrating that the batch or batches of neat		e.g., the subsequent Certificate of Analysis of the blended fuel

	CORSIA eligible fuel were blended into aviation fuel	
16.	Mass of neat CORSIA eligible fuel claimed (in tonnes)	*Note: This number may differ from the number in Field 5c in cases where only a portion of a batch or batches are claimed by the aeroplane operator*

Appendix III-A: Example Case 1 – Completed PoS Template for ISCC CORSIA

Proof of Sustainability (PoS) for CORSIA Eligible Fuels V2.0

For one batch of CORSIA eligible fuel according to the ICAO Standards and Recommended Practices, Annex 16, Volume IV, Part II, Appendix 5, Table A5-2

Unique Number of Sustainability Declaration / Batch ID number:	ABC-123
Place and date of dispatch:	CEF producer site, Example Street 123, 789 Ontario; 15 March 2024
Date of Issuance:	17. Mar 24

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Original CEF Batch Information

This information is determined by the CORSIA eligible fuel (CEF) producer and must be forwarded/reproduced by downstream entities along the supply chain with future PoS

Date of CEF production:	27 February 2024
Original CEF batch number (as determined by CEF producer):	ABC-123
Mass of original CEF batch (in mt):	10

Supplier	Recipient
Name: Example CEF producer	Name: Example CEF blender
Address: CEF producer site, Example Street 123, 789 Ontario	Address: CEF blender site, Another Example Street 456, 678 Toronto
Certification System: **ISCC CORSIA**	
Certificate Number: ISCC-CORSIA-Cert-US133-11804512	Contract Number: DEF456

1. General Information

Type of Product:	AtJ-SPK (ethanol)
Type of Raw Material	Corn grain
Additional Information (voluntary):	
Country of Origin (of the raw material):	Canada
Quantity:	10,000 mt ☐ m³ ☑ metric tons
Energy content (MJ):	440.000 MJ

2. Scope Of Certification Of Raw Material

The raw material complies with the approved CORSIA sustainability criteria (i.e., was certified under ISCC CORSIA or another CORSIA approved scheme)[1]	☑ Yes ☐ No
The raw material complies with the approved CORSIA sustainability criteria as well as additional social sustainability criteria (i.e., was certified under ISCC CORSIA PLUS)[2]	☐ Yes ☑ No
The raw material was additionally certified according to the low land use change (LUC) risk approach[3]	☐ Yes ☑ No
The raw material meets the definition of waste, residue or by-product according to CORSIA[4]	☐ Yes ☑ No

3. Life Cycle Emissions Information

Use of default core life cycle emissions value ☐ Yes ☑ No

Default induced land use change (ILUC) value (or DLUC value where applicable)[5] 29,7 gCO2eq/MJ

Actual core life cycle emissions values:

1	2	3	4	5	6	7		
10,0	+ 2,0	+ 4,0	+ 2,0	+ 8,0	+ 3,0	+ 0,0	= **29**	gCO2eq/MJ

Total life cycle emissions of the CORSIA eligible fuel (CEF): **58,7** gCO2eq/MJ

Life cycle emissions reduction of the CORSIA eligible fuel:[6]

34,0% for jet fuel (baseline: 89 gCO2eq/MJ) **38,2%** for aviation gasoline (AvGas) (baseline: 95 gCO2eq/MJ)

This form is valid without signature. By issuing this PoS, the issuing party guarantees that all information made on this Proof of Sustainability are correct, in compliance with the requirements of ISCC and CORSIA

Note: The PoS issued from SAF production point onwards is to be supplemented with a CORSIA eligible fuel form containing the data fields listed in Appendix I-A.

Appendix III-B: Example Case 2 – Completed PoS Template for RSB ICAO CORSIA

Proof of Sustainability (PoS)

Batch ID Number:	Batch 12345
Number of the Delivery Note	Invoice 54321
Date of Shipment:	09 April 2024
Date of Issuance:	17 April 2024

Supplier (name of certified operator who issue the PoS)

Name:	**Address:**
London Fuels Ltd	Address 123, London, UK

Supplier - site from which the product is forwarded (if different from the supplier above)

Name:	**Address:**

Customer

Name:	**Address:**
Belfast Aviation Ltd	Address 321, Belfast, UK

Information if site is managed by a third party (in case of warehouses, distributors centers etc); May it is not applicable

Name:	**Address:**
If the site from which the product is forwarded is managed by an external third party	

Certification Information

RSB Certification Scheme:	**Valid RSB Certificate Number:**
RSB ICAO CORSIA	4576
Certification body:	**Chain of Custody Model:**
SCS Global	Mass Balance

RSB Short claim:

RSB ICAO CORSIA

General Information

Product Description:	SAF-HEFA
Raw Material:	UCO
Country of Origin:	France
Quantity of Certified Product:	10 MT

Original Batch Producer Information (Only for SAF Producer)

This information should be reproduced along the supply chain with future PoS

Date of Original Production:	09 April 2024
Original Batch Number (Unique Number):	Invoice 54321
Mass of Original Batch (MT):	10

Original Batch Producer Information (Only for SAF Producer) This information should be reproduced along the supply chain with future PoS						
Date of Original Production:	09 April 2024					
Original Batch Number (Unique Number):	Invoice 54321					
Mass of Original Batch (MT):	10					
Only for wastes, residues and by-products (materials or products):						
Raw material is eligible as waste, residue or by-product under the RSB ICAO CORSIA certification scheme (refer to Annex III - Positive List, in RSB-STD-12-001)	☑ Yes	☐ No				
Greenhouse Gas Information						
GHG Intensity:	30	g CO2e/kg		Default value (if **no**, specify **disaggregated actual values** at item **7** below)	Yes	
GHG value contains transport emissions?	☑ Yes ☐ No	**If no:**	**Transport**	type	**Distance**	km
For final products:						
GHG Savings (g CO2 eq/MJ):			**Fossil fuel comparator (g CO2eq/MJ)**		89	
GHG Savings (%)	60		**Lower heating value (MJ/kg):**			

Note: The PoS issued from SAF production point onwards is to be supplemented with a CORSIA eligible fuel form containing the data fields listed in Appendix I-A.

Appendix III-C: Example Case 3 – Completed PoS Template for RSB EU RED

Proof of Sustainability (PoS) - version 4.0

Batch ID Number (PoS Number):	Batch 12345
Number of the Delivery Note	Invoice 54321
Date of Shipment:	09 April 2024
Date of Issuance:	17 April 2024
Date and place of physical loading en	05 April 2024 - London, UK
Date and place of physical loading ex	06 April 2024 - Belfast, UK

Supplier (certified operator who issue the PoS)

Name:	**Address:**
London Fuels Ltd	Address 123, London, UK

Supplier - site from which the product is forwarded

Name:	**Address:**
Name and address of production/storage/ transmission and distribution site(s) and site from which the product is forwarded or biomethane exit point	

Customer (buyer company)

Name:	**Address:**
Belfast Aviation Ltd	Address 321, Belfast, UK

Information if site is managed by a third party

Name:	**Address:**
Include name and address if the previous production/processing/ transmission and distribution site is managed by an external third party	

Certification Information

Certification System:	**Valid RSB Certificate Number:**
RSB EU RED	4576
Certification body:	**Chain of Custody Model:**
SCS Global	Mass Balance

RSB EU RED Short claim:

RSB EU RED Compliant SAF

General Information

Product Description:	SAF-HEFA
Raw Material:	UCO
Country of Feedstock Origin:	France
Country of Fuel production:	UK
Date production plant entered in operation (for fuel plant only)	2015
Quantity of Certified Product:	10 ton
Energy Quantity (Fuels only):	For the calculation of the energy quantity, conversion factors in Annex III to Directive (EU) 2018/2001 must be used — MJ per unit
Support provided for the production of consignment	RFTO

Raw material/Fuel

Compliance with the sustainability criteria according to Article 29 (2) to (7) of Directive (EU) 2018/2001 was audited and certified?	☑ Yes	☐ No
Is the raw material a HIGH iLUC risk feedstock as defined by Delegated Act C(2019) 2055?	☐ Yes	☑ No
Is the raw material/fuel certified as LOW iLUC risk as defined under the EU RED?	☐ Yes	☑ No
Is the raw material/fuel listed in Annex IX of Directive 2018/2001/EU (see Annex VI of RSB Standard for EU Market Access)?	☑ Yes	☐ No

Raw material/Fuel		
Compliance with the sustainability criteria according to Article 29 (2) to (7) of Directive (EU) 2018/2001 was audited and certified?	☑ Yes	☐ No
Is the raw material a HIGH iLUC risk feedstock as defined by Delegated Act C(2019) 2055?	☐ Yes	☑ No
Is the raw material/fuel certified as LOW iLUC risk as defined under the EU RED?	☐ Yes	☑ No
Is the raw material/fuel listed in Annex IX of Directive 2018/2001/EU (see Annex VI of RSB Standard for EU Market Access)?	☑ Yes	☐ No

Only for wastes/residue materials and waste/residue based products:		
Does the raw material meet the EU definition for waste and residues? Note: Substances that have been intentionally modified or contaminated are not covered by this definition	☑ Yes	☐ No
Waste or animal by-product permit number (if applicable)		

Only for renewable gases		
Has the material received incentive/subsidy?	☐ Yes	☐ No
If yes, specify type of support (RES sector and country)		

Greenhouse Gas Information				
GHG Intensity:	30 g CO2eq/MJ fuel		Default value	Yes
Additional specification in case (disaggregated) default values are used (in line with Annex V and Annex VI of Directive (EU) 2018/2001):	Transported 150 miles to customer in tanker			
GHG Components in case actual values are used:	State GHG emissions value in g CO2 equivalent/MJ of fuel (for biofuels / bioliquids / biomass fuels / renewable liquid and gaseous transport fuels of non-biological origin and recycled carbon fuels) and g CO2 equivalent / dry-ton feedstock (biomass and intermediaries). (Separate values for emissions from: the extraction or cultivation of raw materials; Annualized emissions from carbon stock changes due land use change processing; transport and distribution) and Emissions savings from: soil carbon accumulation via improved agricultural management, carbon capture and geological storage; carbon capture and replacement; excess electricity from cogeneration)			
eSCA cap to be applied by biofuel producer: (emissions savings from soil carbon accumulation)	45 g CO2eq/MJ ☐	25 g CO2eq/MJ ☐		
GHG value contains transport emissions?	☑ Yes ☐ No	If no: Transport type	Distance km	
For final products:				
GHG Savings (g CO2 eq/MJ):	64.0	Fossil fuel comparator (g CO2eq/MJ)		94
GHG Savings (%)	60%	Lower heating value (MJ/kg):		

Appendix III-D: Example Case 4 – Completed PoS Template for ISCC EU

Proof of Sustainability (PoS) for Biofuels, Bioliquids and Biomass Fuels V3.0

Applies under the Renewable Energy Directive (EU) 2018/2001 (RED II)

Unique Number of the PoS: ABC-123

Date of Issuance of the PoS: 17. Mar 24

ISCC International Sustainability & Carbon Certification
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Supplier	Recipient
Name: Example SAF producer	Name: Example SAF blender
Address: SAF producer site, Example Street 123, 789 Ontario	Address: SAF blender site, Another Example Street 456, 678 Toronto
Certification System: **ISCC EU**	
Certificate Number: EU-ISCC-Cert-XY123-12345678	Contract Number: DEF456

Address of dispatch/shipping 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: 17.03.24

1. General information

Type of Product:	Co-processed oil to be used for replacement of jet fuel
Type of Raw Material	Used cooking oil (UCO)
Additional Information (voluntary):	
Country of Origin (of the raw material):	Italy
Quantity:	1.000,000 mt ☐ m^3 ☑ metric tons
Energy content (MJ):	43.000.000 MJ
EU RED Compliant material[3]	☑ Yes
ISCC Compliant material (volunt.)[4]	☐ Yes
Chain of custody option (voluntary)	Mass balance
Country of biofuel production	USA
Start date of biofuel production[1]	17.02.2024
If applicable, start date of bioliquid/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 II[5]	☑ 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 II[6]	☑ Yes ☐ No
If applicable, please specify waste or animal by-product permit number	Company-specific number for UCO
Was support for the production of the fuel or fuel precursor received?[5]	☐ 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 =	Eec	+	El	+	Ep	+	Etd	+	Eu [7]	Esca	-	Eccs	-	Eccr	=	35	gCO2eq/MJ
	0		0		25		10										

Allocated heat: 0 gCO2eq/MJ heat Allocated electricity: 0 gCO2eq/MJ electricity

GHG emission saving[8]:

62,8%	Biofuels for transport		
100,0%	Bioliquids/ Biomass fuels for the production of electricity	**100,0%**	Biomass fuels for the production of electricity in the outermost regions.
100,0%	Bioliquids/ Biomass fuels for the production of useful heat, as well as for the production of energy for heating and/or cooling	**100,0%**	Biomass fuels for the production of useful heat, in which a direct physical substitution of coal can be demonstrated

This form is valid without signature. By issuing this PoS, the issuing party guarantees that all information made on this Proof of Sustainability are correct, in compliance with the requirements of ISCC and the RED II, and that the biofuel or bioliquid has not already been used to fulfil a national quota obligation.