



ISCC Update

Today is the 10th meeting of the ISCC Stakeholder Committee North America



More than 180 Members belong to the ISCC association, many of them are from North America



As of 27 July 2021

26 new members have joined the ISCC association in 2021 – five of them from the United States



Agilyx
– USA



American Airlines
– USA



California Air Resources Board
– USA



Cyclyx International
– USA



INEOS Olefins & Polymers
– USA

- **Australian Oilseeds Federation** – Australia
- **C Partners** – Japan
- **CEPSA** – Spain
- **Engie** – France
- **Fedepalma** – Colombia
- **Gorman-Rupp Europe** – Netherlands
- **Idemitsu International (Asia)** – Singapore
- **INEOS Manufacturing Deutschland** – Germany
- **Instituto Petroquímico Argentino** – Argentina
- **Kolb Distribution** – Switzerland
- **LANXESS Deutschland** – Germany
- **Millmead Optical Group** – United Kingdom
- **Renewable Gas Forum Ireland** – Ireland
- **SATA** – Italy
- **SK eco prime** – Korea
- **Sumitomo Deutschland** – Germany
- **UAB Mestilla** – Lithuania
- **The Chamber of Agriculture of the Republic of Lithuania** – Lithuania
- **Universidad del Valle de Guatemala** – Guatemala
- **Vasanda UK** – United Kingdom
- **YoungRay Company** – Republic of China

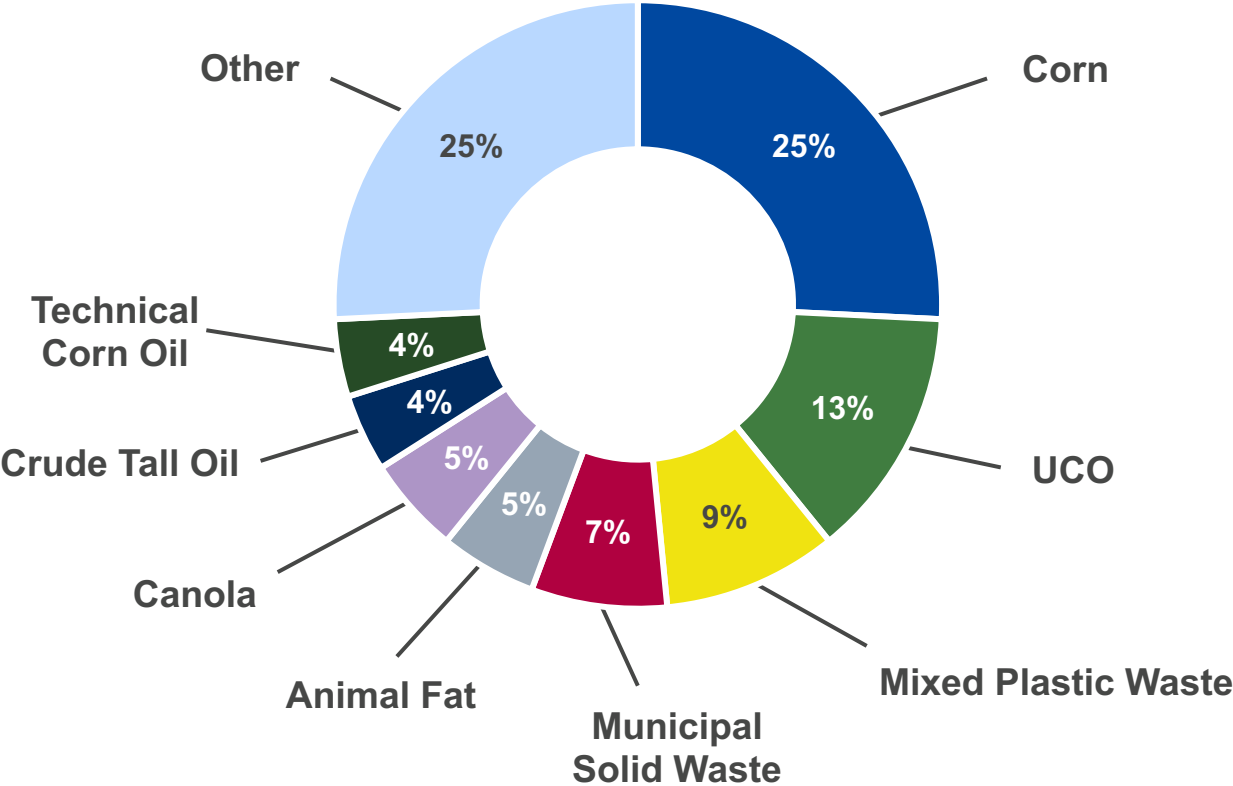
241 valid ISCC certificates are issued for companies located in North America

Examples



Raw materials and scopes which are ISCC certified in North America

Raw materials as indicated on certificates*



Numbers as of November 11, 2021.

Each certificate may be issued for more than one material and type of operation

* No (raw) materials are indicated on certificates only issued for trader and/or storage

Type of operation	No. of certificates*
Trader/Storage	105
Collecting Point (w/r)	53
First Gathering Point	37
Other Conversion Unit	23
Ethanol Plant	17
Polymerization Plant	15
Biomethane Plant	14
Point of Origin	12
Convertor	9
Pyrolysis Plant	5
Methanol Plant	5
Other	39

Latest ISCC developments in 2021



As of 1st July 2021, ISCC EU certified economic operators have to comply with the sustainability and GHG saving criteria of the **RED II**.



ISCC has developed **new on-product logos** and a **licensing scheme for brand owners** to use these logos.



First five companies are certified under the **ISCC CORSIA Certification system**.

ISCC has established the Technical Stakeholder Committee "**Sustainable Aviation Fuels**".



Nearly **1,500 ISCC PLUS** certificates are currently valid.

ISCC updated the ISCC PLUS System Document and introduced new material categories: bio, bio-circular, circular and renewable.



RED II requirements apply since 1st July 2021

■ As of 1st July 2021

- Certified economic operators have to comply with the sustainability and GHG saving criteria of the RED II
- Auditors must verify that economic operators have applied the RED II requirements from 1st July 2021 onwards

■ ISCC EU certificates that were issued prior to 1st July 2021 remain valid until their respective expiry date

- No immediate re-certification is required
- Re-certification can be done within the usual interval

■ Sustainable material in the supply chain on 1st July

- Certified economic operators can consider all RED I compliant material in stock on this date as **RED II compliant**
- For all outgoing deliveries physically dispatched on or after 1st July 2021 the sustainability declarations have to **reflect the RED II** requirements

The most important updates from the RED II that have to be taken into account by ISCC certified companies since 1st July 2021

▪ Land related sustainability:

- **New land category** “highly biodiverse forest and other wooded land”
- Update in the assessment of **biodiversity of grassland**
- Monitoring of impacts on **soil quality and soil carbon** for waste and residues derived from agriculture

▪ Traceability and mass balance:

- Sustainability declarations/PoS must reflect RED II requirements (updated templates available)
- Mass balance period for FGPs can be up to **12 months**
- Mass balance approach can now also be applied for distribution infrastructure, e.g. the **gas network**

▪ GHG:

- **New fossil fuel reference values***
- **New GHG emissions saving targets**
 - 65% for new installations (after 1 Jan 2021), 70% for RFNBOs
- Application of updated (disaggregated) default values
- **Change in GHG calculation** methodology
 - Element Eee (excess electricity) removed, Eee can be subtracted from Ep (processing emissions)

▪ Waste and residues:

- At the point of origin, auditor has to determine whether a material is a **waste or residue at the point of origin** (previously: verification if material was on RED/FQD or MS positive list)
- Collecting points have to submit a list to the auditor **prior to the audit** of all points of origin that signed a self-declaration indicating the volume of w/r they can supply


* 94 instead of 83.8 gCO₂eq/MJ)

New ISCC EU system documents are valid since 1st July 2021. They can be downloaded from the ISCC website



This version of the documents have been submitted to the EC in the framework of the recognition process of ISCC EU under the RED II. The recognition of voluntary schemes in the framework of the RED II is pending. Documents may be subject to change depending on further legislation and further requirements of the EC

ISCC provides documents to support companies and auditors to implement the RED II requirements. Available on the ISCC website



ISCC EU and ISCC PLUS Audit Procedure Point of Origin (RED II Gap Audit Procedure)

Please read the guidelines carefully before completing the audit procedures!

- This gap audit procedure must be used for audits as of 01st July 2021 to verify compliance with the revised ISCC EU standard RED II [\(Directive \(EU\) 2018/2001\)](#).
- This audit procedure must be used in addition to the currently applicable audit procedure system (APS).
- In case of differences between this audit procedure and the currently applicable version of APS, the requirements and verification procedure prevail and must be verified.

No.	Basic Data
00.00.	Certification Body
00.00.01	Name of Certification Body
00.01.	Operational Unit (Point of Origin that is subject to the audit)
00.01.01	Company Name
00.01.18	ISCC Registration Number
00.02.	Audit Specific Data
00.04.	Point of Origin Requirements


No.	Requirements	Verification guidance	Evidence/ Documents	Findings	Conformity	
					Yes	No
01.	Management System					
01.01.	General Requirements (not applicable for points of origin audited as part of a sample)					
06.	Point of Origin					
06.01.	General Requirements Point of Origin (for main and sample audits)					
06.01.01	Is it ensured that the material is eligible for certification under the ISCC EU waste/residue certification process?	Verify if the material is listed on the ISCC EU list of materials <u>as being</u> eligible for certification under the ISCC EU waste/residue process.	ISCC EU list of materials			
06.01.02	<u>Is it ensured that the material being claimed as sustainable waste or residue according to ISCC by the point of origin meets the respective definition of "waste" or "residue" at the point of origin?</u> <u>In case a case-by-case assessment is required:</u>	<u>Check requirement No 06.01.03 first to verify if the material is disqualified as a waste or residue due to deliberate production or intentional contamination.</u> <u>Waste: Check if the holder discards, intends to or is (legally) required to discard the material (see guidance in ISCC EU Document 202-S chapter 3.4). If yes, the material classifies as a waste, if no</u>		<u>Indicate the material(s) and the assessment result(s) i.e. "waste", "residue" or "(co-) product".</u>		

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ISCC EU and ISCC PLUS Audit Procedure Point of Origin (RED II Gap Audit Procedure) / Version 1.0 / Date: 01 July 2021

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Gap Audit Procedures: Highlight in detail the RED II changes that have to be applied by certified companies and have to be verified by auditors since 1st July 2021



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

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

For biofuels, bioliquids and biomass fuels according to the Renewable Energy Directive (EU) 2018/2001 (RED II)

Unique Number of the PoS:

Date of Issuance of the PoS:

Supplier Name:

Recipient Name:

Address:

Certification System: ISCC EU

Certificate Number:

Address of dispatch/shipping point of the sustainable material:

Address of receipt/receiving point of the sustainable material:

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

2. Scope of certification of raw material

The raw material complies with the relevant sustainability criteria according to Art. 29 (2) - (7) RED II¹ ☐ Yes ☐ No

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

The agricultural biomass additionally fulfils 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 II² ☐ Yes ☐ No

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_l + E_p + E_{ld} + E_u + E_{sc} + E_{cc} + E_{ccr} = 0 gCO₂eq/MJ

GHG emission saving:

0,0% Biofuels for transport

0,0% Bioliquids for electricity, and production of energy for heating and/or cooling

0,0% Bioliquids for the production of useful heat, as well as for the production of energy for heating and/or cooling

0,0% Biomass fuels for the production of electricity

0,0% Biomass fuels for the production of useful heat, as well as for the production of energy for heating and/or cooling

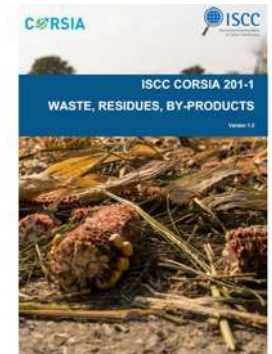
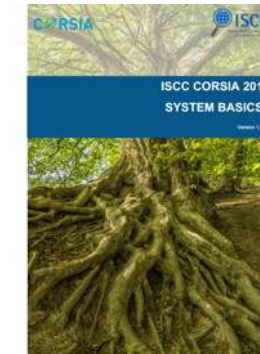
0,0% Biomass fuels for the production of useful heat, in which a direct physical substitution of coal can be demonstrated

Templates for Sustainability Declarations/PoS: Contain all relevant information that have to be forwarded under the RED II since 1st July 2021

End of 2020, ICAO recognised ISCC as a sustainability certification scheme under CORSIA



- The **first five ISCC CORSIA** certificates have been issued
- The **ISCC CORSIA Standards*** cover the requirements for sustainable aviation fuels set by ICAO under CORSIA, including
 - Life cycle emissions savings
 - Protection of land with high carbon stock
 - Traceability and chain of custody
 - Robust requirements for certification bodies
- ISCC offers **ISCC CORSIA Trainings** for auditors, companies and third parties
- New **Technical Stakeholder Committee “Sustainable Aviation Fuels”**



* ISCC CORSIA and ISCC CORSIA PLUS
The ISCC CORSIA System Documents are available on the ISCC Website



ISCC has developed a Licensing Scheme for brand owners to use the ISCC logos

- **ISCC licensing scheme** for brand owners that receive ISCC certified final products and want to use an ISCC logo or an ISCC claim
- The **license database** will increase **integrity and transparency** towards NGO's and the general public
- **New ISCC on-product logos**



Due to the ongoing COVID-crisis, ISCC has decided to pivot from in-person to virtual training courses and events – with great success



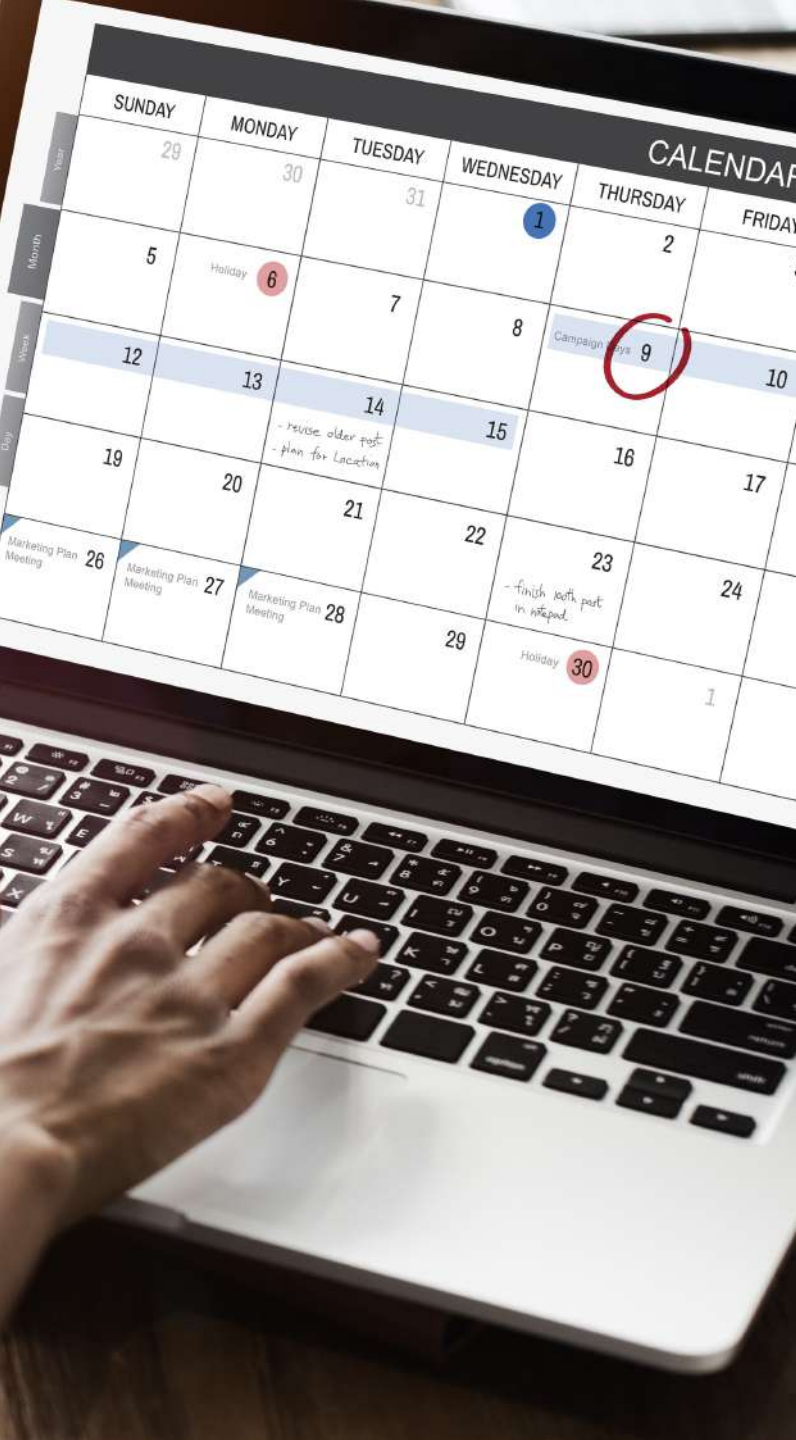
In 2021, **over 1,100 attendees** joined **five virtual ISCC stakeholder events**



In addition, in 2021 **more than 1,200 participants** took part in ISCC Online Training courses




355 ISCC auditors got trained **online** in ISCC Training courses in 2021



Upcoming ISCC events and training courses

- **ISCC Technical Stakeholder Meeting “Sustainable Aviation Fuels”**
 - 18 November 2021
- **ISCC Technical Stakeholder Meeting “Circular Economy and Bioeconomy”**
 - 09 December 2021
- **Training Courses:**
 - **ISCC PLUS Training – Circular Economy and Bioeconomy**
 - 23 – 24 November 2021
 - **ISCC EU and PLUS Basic Training**
 - 30 November – 02 December 2021
 - **ISCC CORSIA Training**
 - 19 – 20 January 2022
 - **ISCC Greenhouse Gas (GHG) Training**
 - 05 – 06 April 2022



*All events and training courses will take place in an **online format**.*

Please find more information on www.iscc-system.org

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and Carbon Certification



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Many thanks for your attention!

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