Sustainability Requirements in Global and NA Markets and ISCC's Role as Solution Provider

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ISCC Regional Stakeholder Meeting North America

13 November 2024, Chicago

ISCC has been present for more than a decade in North America

Virtual
16 November 2021
23 November 2020

Las Vegas
19 November 2019
27 November 2018
05 December 2017
29 September 2016
Training:
20 November 2019 (Basic Training)
26 September 2016 (Basic Training)

New Orleans
14 November 2023
Training:
13 November 2023 (Licensing Training)
15-16 November 2023 (PLUS Training)

Minneapolis
27 November 2012

Chicago
13 November 2024 (Hybrid)
09 November 2022 (Hybrid)
09 July 2014
09 July 2013

Training
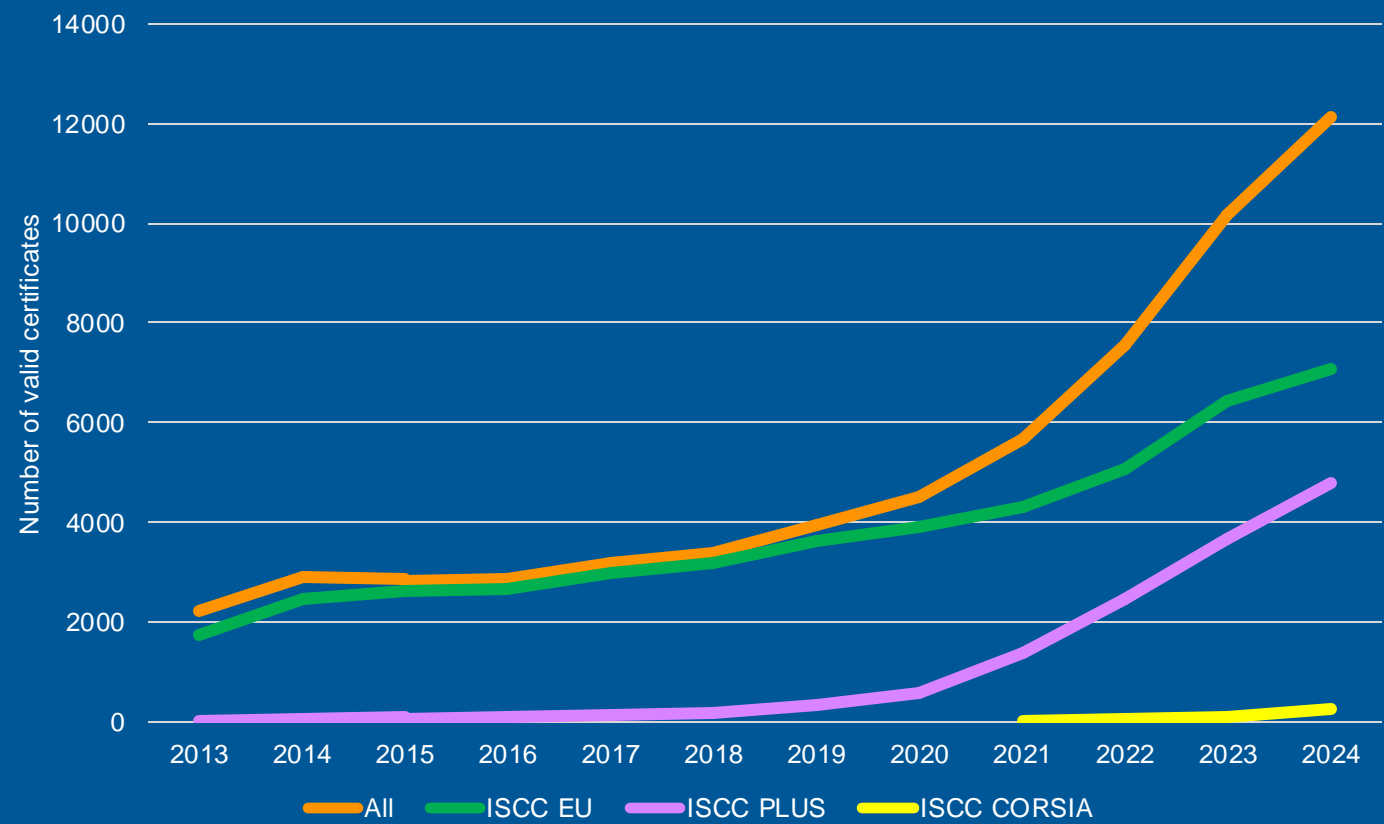08 July 2014 (Waste and Residues Training)
12 September 2011 (Basic Training)

Miami
24 June 2014
Training:
25 June 2015 (GHG Training)

ISCC operates three main certification systems. Overall growth of valid certificates 20% in the last twelve months

12,147* **Total** — ⬆ **20%****

7,086* **ISCC EU** — ⬆ **10%****

4,777* **ISCC PLUS** — ⬆ **31%****

233* **ISCC CORSIA** — ⬆ **191%****

Chart legend: All — ISCC EU — ISCC PLUS — ISCC CORSIA

Y-axis: Number of valid certificates (0, 2000, 4000, 6000, 8000, 10000, 12000, 14000)

X-axis: 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024
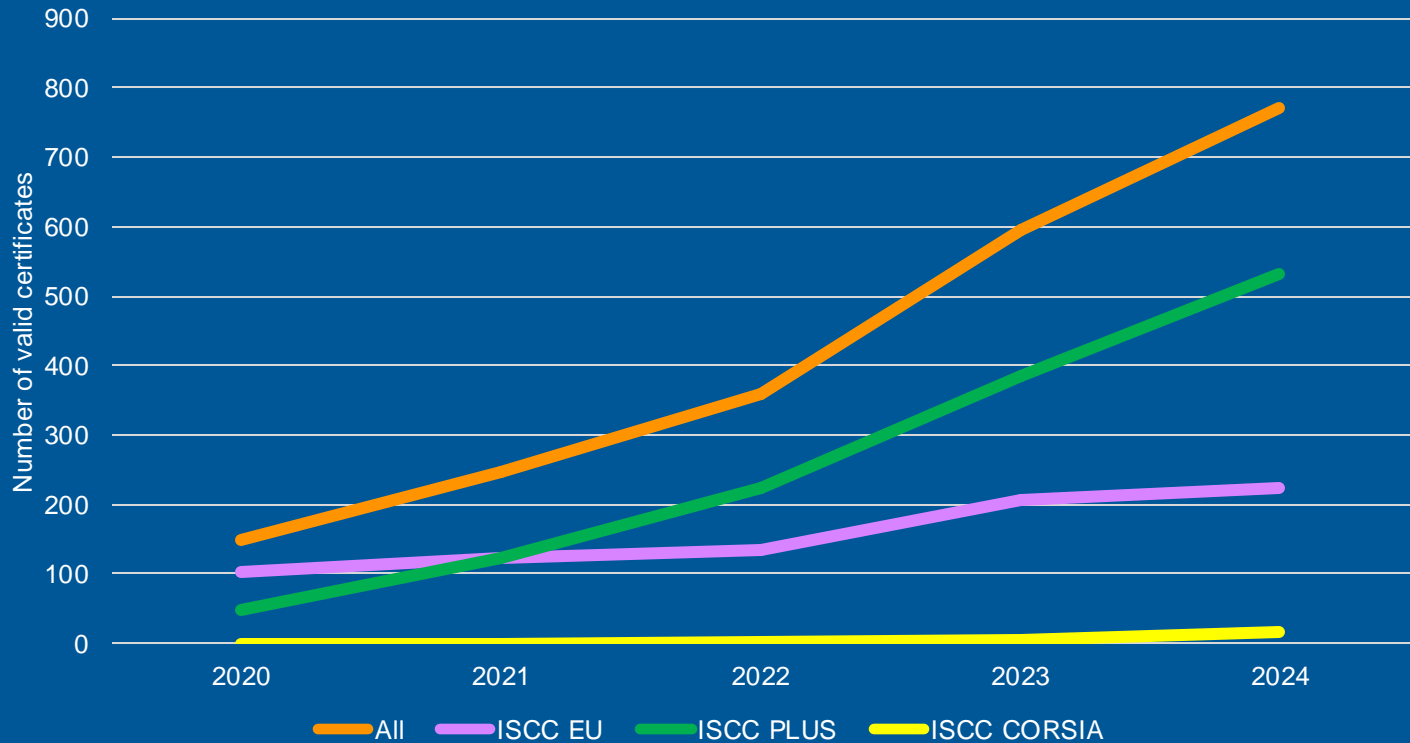
*Data as of October 2024
**In comparison to October 2023
***The number of total certificates also includes certificates of other schemes, e.g. Japan fit

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International Sustainability & Carbon Certification

There are 771 ISCC certificates valid in NA. ISCC PLUS has the largest number of certificates

771*
Total

↑ **29%****

533*
ISCC PLUS

↑ **38%****

223*
ISCC EU

↑ **9%****

15*
ISCC CORSIA

↑ **275%****

Number of valid certificates

Legend: All — ISCC EU — ISCC PLUS — ISCC CORSIA

*Data as of October 2024
**In comparison to October 2023

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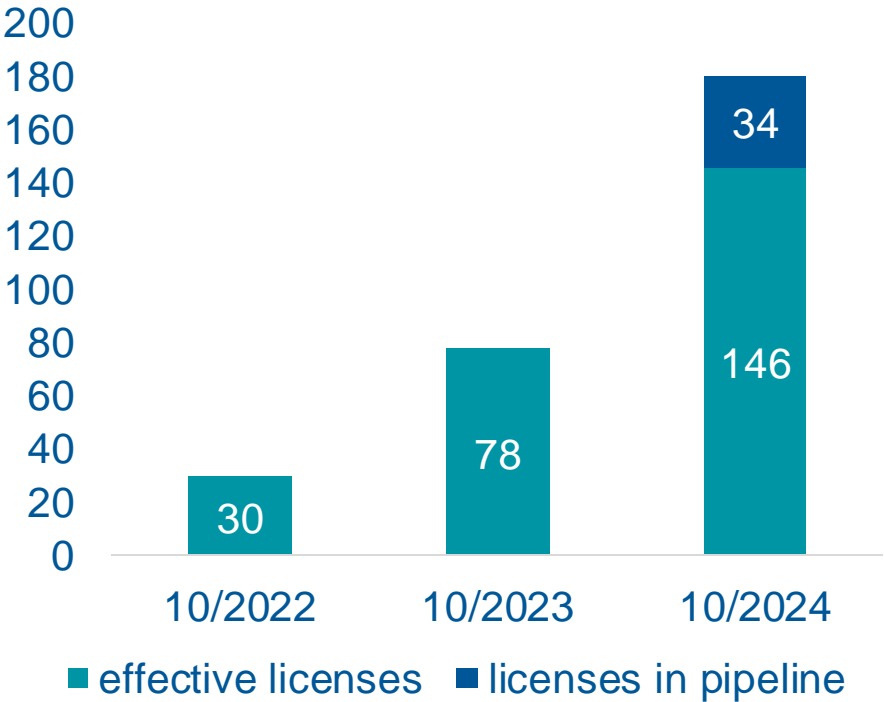# The use of ISCC logos and claims in final markets is increasing

56,000+
ISCC certified products on the market

ISCC PLUS is now recognized by the **Climate Pledge Friendly program on Amazon**
(Germany, France, Italy, Spain, UK, US, Mexico, Canada, Brazil, Australia, Belgium, Poland, Sweden)

License Development

Bar chart showing:
- 10/2022: effective licenses 30
- 10/2023: effective licenses 78
- 10/2024: effective licenses 146, licenses in pipeline 34

■ effective licenses ■ licenses in pipeline

Barbie Dollhouse Playset, Getaway House with 11 Accessories Including 2 Chairs, 4 Play Areas and 360...
★★★★☆ 143
600+ purchased last month

Ages: 3 years and up

Delivery on **Tue, Nov 19**
Shipped to $Germany
🍃 1 sustainability certification ⌄

🍃 **1 sustainability certification**

Products with reliable sustainability certifications. Learn more

Product Certification (1)

ISCC PLUS certified products are created using raw materials such as recycled plastics and bio-based materials, which can reduce fossil fuel consumption.

🍃 1 sustainability certification ⌄
Add to Cart

297 Members ISCC Association

Business and Industry

Research and Academia

NGOs and GOs

Active multi-stakeholder dialogue to cultivate innovative sustainability solutions

Commitment to sustainable, traceable, deforestation-free & climate-friendly supply chains

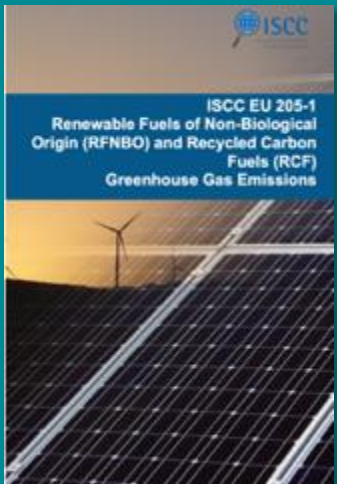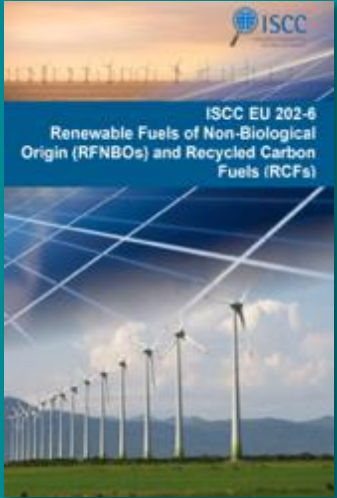Continuously improving standards to meet global sustainability requirements

Further development of the circular economy and the bioeconomy

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53 members of the Association are based in North America

RFNBOs and RCFs under ISCC EU – Positive technical assessment

- EC confirmed **positive technical assessment** of ISCC EU certification approach for RFNBOs and RCFs – Official recognition to be expected by end of 2024

- **ISCC EU RFNBOs/RCFs System Documents are now available** on ISCC website

- Since July 2024, **pre-recognition in place by Denmark** for the ISCC EU RFNBO approach for domestic RFNBO production in Denmark (the first two certificates are in the pipeline)

Next relevant appointments (save the date!) for auditors and stakeholders:

- **ISCC RFNBOs Training:** 20 November 2024

- **Technical Stakeholder Meeting RFNBOs:** 6 February 2025

RFNBOs = Renewable Fuels of Non-Biological Origin
RCFs = Recycled Carbon Fuels

ISCC provides full support to comply with EUDR requirements

- **EU Deforestation Regulation (EUDR)**[*] applies for coffee, cacao, cattle, palm, rubber, soy and wood
- Commodities have to be **produced legally**, on land that **was not subject to deforestation** or **forest degradation** after December 2020
- Obligations enter into force **December 2024**, though postponement to **December 2025** very likely – awaiting EP approval
- ISCC offers an **EUDR Add-On in cooperation with GRAS,** compatible together with **ISCC EU and PLUS certification**

Certification approach for forest biomass and key developments

ISCC EU – Regulatory market

ISCC Forest Biomass Principle 1 under RED II
Principles 2-6: additional social & environmental criteria

- Biomass fuel/ biofuel/ bioliquid producers
- Energy producers/ installation

Key developments

- First ISCC PLUS certificate issued for forest biomass
- ISCC EU certification process approved*
- System documents and relevant audit documentation available now on ISCC website

ISCC PLUS – Voluntary market

ISCC Forest Biomass Principles & FSC Forest Management certified forest biomass

- Chemical industry
- Construction sector
- Furniture industry

*Official EC recogntion is still pending

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Union Database: Update

- In September, ISCC completed the full integration between the ISCC HUB and UDB, transferring all certificates with valid data

- ISCC urged all ISCC EU system users to verify their certificate information in the ISCC HUB and request any necessary updates, if needed to ensure a proper onboarding in the UDB

- EC published draft Delegated Act, outlining a scope extension of the UDB to cover individually certified PoOs, FGPs and CPs

- The draft Delegated Act was available for a public consultation until 7 November. The adoption is planned for Q4-2024 / Q1-2025

- The Commission aims for start of raw materials transactions for all FGPs and CPs. This will allow necessary data to be present in the UDB, facilitating its progressive use by downstream operators

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Union Database: Gas supply chain

- Coverage of gaseous supply chain still in pilot phase

- UDB covers gaseous fuels which are injected into an interconnected infrastructure and intended to be counted towards an EU Member State quota. In a first step, this will apply for the EU interconnected grid

- EC is also working on the possibility of covering the grids of countries neighbouring the EU (e.g. UK or Ukraine)

- Currently, gaseous fuels from 3rd countries that:
  - are not directly connected to the EU integrated grid; and
  - do not have a cooperation framework established for the deployment of the traceability system of the UDB,
  can only be considered if a direct connection with the biomethane plant (e.g. biomethanol production or liquefaction of biomethane) exists

- In addition, the certification must verify that the biomethane was not counted in the 3rd country

COMING SOON!

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ISCC PLUS 201-2
GUIDANCE DOCUMENT FOR THE
CLEAN FUEL REGULATIONS IN
CANADA

ISCC PLUS in Canada

Environment and Climate Change Canada (ECCC) Clean Fuel Regulations (CFR)

Regulation designed to reduce GHG emissions by setting carbon intensity reduction targets for fuels used in Canada. The CRF incentivizes the production and use of lower-carbon fuels, including biofuels from agricultural and forest biomass, to help Canada achieve its climate goals

There are requirements for the approval of certification schemes that can be used for the purposes of the Land Use and Biodiversity Criteria of the CFR

ISCC PLUS applied for recognition

Dedicated system document developed, covering CFRs' additional requirement

ISCC's commitment to further strengthening the integrity of the certification

- Auditor Trainings
- Certification Body Meetings
- Auditor Guidance
  - Guidance documents on specific certification approaches
  - Working Group on on waste/residues
  - Improved audit procedures

Audit quality

Risk Management

ISCC Integrity

Certification System

- ISCC Integrity Programme
  - Integrity Assessments
  - CB Office Assessments
- ISCC Whistleblower Tool
- Online company data and credibility checks
  - Orbis database (Moody Analytics)
- Integrated IT infrastructure and end-to-end solutions

Monitoring – System requirements and procedures – Strengthening of system

Rising demand for SAF Certification

- Main driving force is represented by **regulatory frameworks** (e.g. ReFuelEU Aviation, ICAO CORSIA) making use of sustainability certification
- **Voluntary market** complements the demand

- **Growth in the number of SAF certificates** across all our certification schemes - Under ISCC CORSIA we have achieved **250 certificates!**
- Increasing numbers of **SAF players in the ISCC Association**

- The **ISCC Credit Transfer System and Registry** went live in April
- **Transfer of sustainability claims** for SAF through the downstream value chain between SAF suppliers, aircraft operators, logistics providers and end-customers

Updates on ISCC certification for Sustainable Marine Fuels (SMF)

- Increase interest in the certification of SMF. Certification is mainly driven by **regulatory developments:**
    - **Certification for SMF** under FuelEU Maritime and EU ETS (starting 2025).
    - **IMO* is working on LCA Guidelines** that will also include certification provisions
- ISCC is actively **involved in working groups** on marine fuel certification at EU and IMO levels

- ISCC has been proactively **engaging major players in the marine space** over the past half year. Many **largest shipping companies** are ISCC members by now

- Feedback from major shipping companies is that **currently available biomarine fuel is almost entirely ISCC certified**

*IMO: International Maritime Organization