

# ISCC Update and Outlook

Andreas Feige, Managing Director, ISCC System GmbH ISCC Regional Stakeholder Meeting Southeast Asia, 24 October 2024, Jakarta

# ISCC offers globally applicable certification schemes for a wide range of feedstocks and markets

#### All Feedstocks, including:

- Camelina
- & Castor seed
- Cereal
- **♥** Corn
- ♀ Cotton
- Palm
- Natural Rubber
- Shea
- Soy
- \* Sugarbeet
- \* Sugarcane
- Sunflower
- ♠ Wood
- △ Waste & residues
- A Mixed Plastic Waste



#### All Markets, including:





Industrial Applications (bio and circular)



Energy



Feed





# ISCC at a glance

11,930+



Valid certificates

**131**Total

Total Countries 10,000+



Current System Users

2,000+
Total ISCC
Auditors
trained

**200**+

ISCC training courses conducted



297

Current ISCC association members

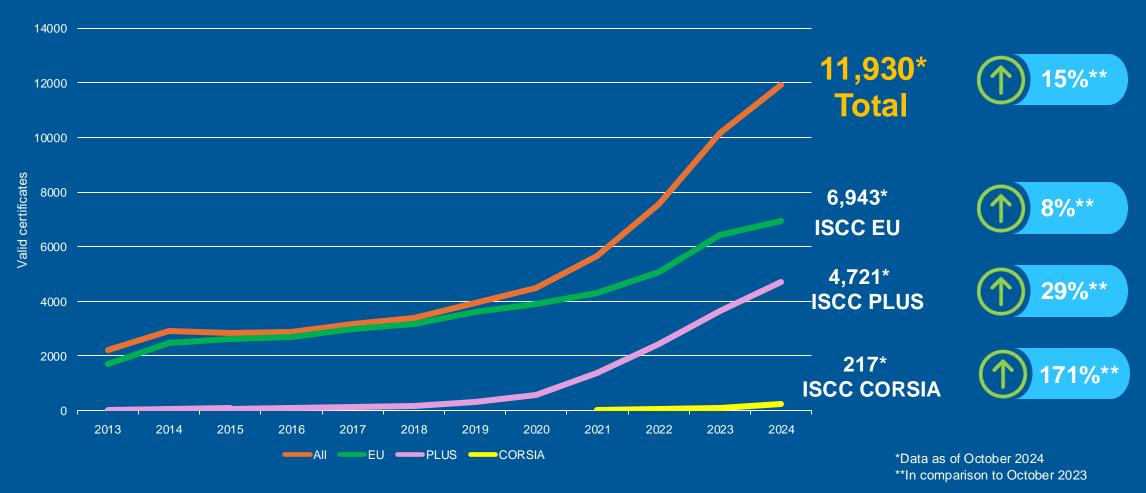
 $\approx$  68

Current Cooperating certification bodies

Data as of October 2024

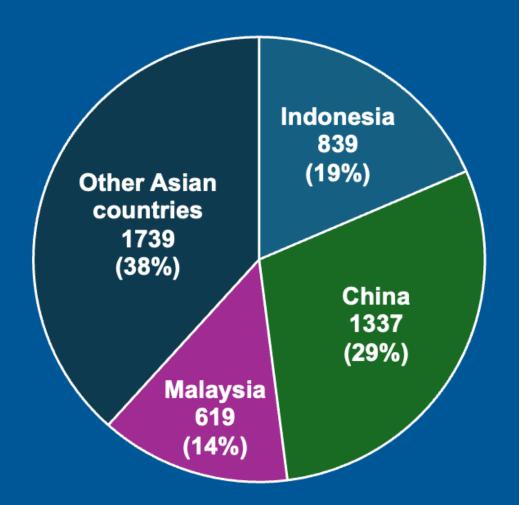


### ISCC operates three certification systems. Overall growth of valid certificates 15% in the last twelve months





#### The number of certificates in the region are further increasing



**Growth in certificates since October 2023** 

Indonesia + 20%

Malaysia + 73%

China + 27%

Other Asian countries + 41%



#### Development of ISCC certificates in Indonesia

Certification scope*	Valid certificates	October 2023
Plantation	16	24
Central Office	17	22
First Gathering Point	73	89
Point of Origin (w/r)	522	350
Collecting Point (w/r)	89	185
Oil Mill	109	156
Refinery	41	62
Biodiesel Plant	15	20
Other processing units	26	6
Trader/Storage	229	220

### Certificates per ISCC System

#### **ISCC EU**

723 certificates (2023: 645)

#### **ISCC PLUS**

**43** certificates (2023: 37)

#### **ISCC CORSIA**

31 certificates (2023: 1)



Numbers as of 14 October 2024 \*Each certificate may be issued for more than one scope/ type of operation

#### **Development of ISCC certificates in Malaysia**



Certification scope*	Valid certificates	October 2023
Plantation	3	9
Central Office	2	2
First Gathering Point	51	60
Point of Origin (w/r)	316	73
Collecting Point (w/r)	132	149
Oil Mill	64	81
Refinery	33	35
Biodiesel Plant	16	22
Other processing units	43	41
Trader/Storage	226	182

### Certificates per ISCC System

#### **ISCC EU**

529 certificates (2023: 300)

#### **ISCC PLUS**

**73** certificates (2023: 43)

#### **ISCC CORSIA**

5 certificates (2023: 2)



Numbers as of 14 October 2024 \*Each certificate may be issued for more than one scope/ type of operation

#### **Essential updates on ISCC EU**





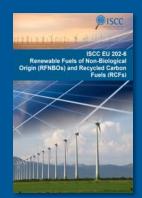




- Recognition of updated ISCC EU documents by EC (adjustments based on Implementing Regulation (EU) 2022/996 cover scheme governance, audit process & auditor qualification, mass balancing, GHG emissions)\*
- ISCC approach for forest biomass under RED II was confirmed by EC – Official recognition by EC will follow shortly
- Certification approach for RFNBOs and RCFs was positively technically assessed by EC in September – Recognition by EC expected by the end of the year
- **Guidance on co-processing** was updated according to delegated regulation – will be published once confirmed by EC
- Set up of stakeholder working group "Waste and Residues" to provide additional guidance for priority waste/residues feedstocks

<sup>\*</sup> Overview of adjustments and updated documents available at www.iscc-system.org/certification/iscc-documents/

# Renewable Fuels of Non-Biological Origin (RFNBOs) and Recycled Carbon Fuels (RCFs) under ISCC EU – Positive technical assessment



ISCC has set up system documents and audit procedures for RFNBOs certification\*



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\* Drafts are published on the ISCC website: https://www.iscc-system.org/certification/iscc documents/iscc-system-documents/

#### The **RFNBO and RCF certification approach** covers:

- Legal requirements of the RED and complementary delegated legislation
  - Requirements to determine if **electricity** can be considered being renewable
  - Specific GHG methodology for RFNBOs
  - The **entire supply chain** from the production of renewable electricity, production of hydrogen and derivatives (e.g. methanol or ammonia), transport and distribution to the final market

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

Since July, **pre-recognition in place by Denmark** for the ISCC EU RFNBO approach for domestic RFNBO production in Denmark

Next ISCC RFNBO Training: 20 November 2024\*\*

Next **Technical Stakeholder Committee RFNBOs:** 6 February 2025



<sup>\*</sup> Registration possible via the ISCC website: www.isc-system.org

Note for auditors: Please see the ISCC System Update from 17 September 2024 for further information on the mandatory auditor test

#### Low ILUC risk feedstock certification under ISCC EU



\* The documents are published on the ISCC website: https://www.iscc-system.org/certification/iscc

documents/iscc-system-documents/

document, audit procedures and a management plan template\*

ISCC has set up a system

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		☐ Individual Farmer
		small holder!, farm (part of group certification)
0.05	Certificate number & name of Voluntary certification scheme	
0.06	Validity of existing certificate	
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1.01	Required information	Description
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1.02	Growers name:	
1.03	Irading name of form:	
1.04	Growers address	
	(Street, Postcode, Location, Country):	
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- Feedstocks considered high ILUC risk are capped at the 2019 consumption level and phased out by 2030, unless they are low ILUC risk certified
- The low ILUC Risk pilot project (led by Guidehouse) assisted the EC (DG ENERGY) in developing and testing low ILUC risk biofuels certification guidance\* (final results were presented in May 2024)
- ISCC is one of the four voluntary schemes recognised for low ILUC risk certification
- Low iLUC risk certification can already be applied
- The first ISCC low ILUC risk feedstock training took place on 3 September 2024 (further dates to follow)
  - Participation in the training is mandatory for all auditors prior to conducting certification audits



<sup>\*</sup> Based on the Delegated Regulation (EU) 2019/807, REDII (EU) 2018/2001 and the Implementing Regulation (EU) 2022/996, Annex VIII



### WASTE AND RESIDUES FROM FOOD AND FOOD PROCESSING

Version 0.



### Stakeholder Working Group "Waste and Residues"

- ISCC is currently operating a stakeholder working group on waste, covering a selection of waste and residue feedstocks listed in Annex IX of the Directive (EU) 2018/2001
- Aim: Implementation of guidance documentation to increase robustness of the ISCC system and to ensure compliance with regulations for priority feedstocks\* (e.g., food waste, soapstock)
- The second guidance on used cooking oil (UCO) and brown grease will soon be made available to stakeholders for public consultation
- Public consultation is now open until 13 December 2024.



<sup>\*</sup> Priority feedstocks: sewage sludge, food waste, soapstock and spent bleaching earth

<sup>\*\*</sup> https://www.iscc-system.org/governance/public-consultation/

#### **Highlights of ISCC PLUS Developments**



#### Follow potential opportunities for recognition

e.g. Environment and Climate Change Canada for the Clean Fuel Regulation





#### Follow up with legislative development

e.g. green claims directive, Packaging and Packaging Waste Regulation (PPWR)



**Development of new material list structure & process** 



Continuous development of carbon footprint certification



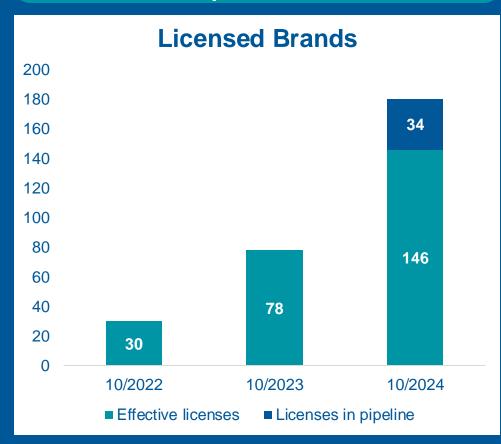
Continue global multi-stakeholder process and WG



## ISCC Licensing Scheme: More and more brand owners use ISCC logos and claims

4200+

ISCC certified products on the market



For more infomation see https://www.iscc.

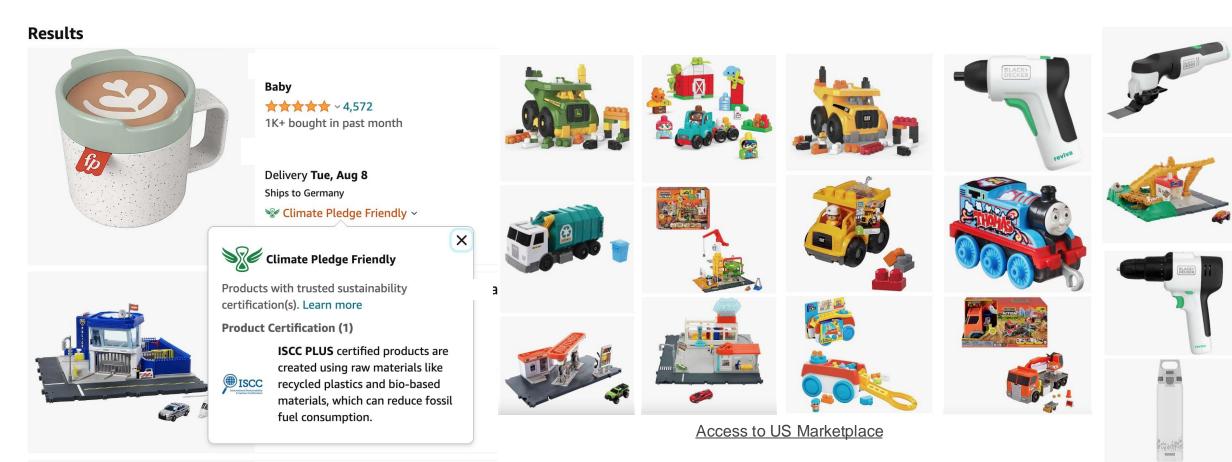
#### **ISCC Licensing Scheme:**

- Tailor-made solution for brand owners
- Credible use and communication of ISCC logos and claims (on- and off-product)
- Guidance on green claims (based on mass balance)
- ISCC License database available\*
- → Increased consumer trust by transparently communicating sustainability efforts verified by ISCC
- → Avoid risk of public critisim from misleading communication

<sup>\*</sup> https://www.iscc-system.org/about/our-logos/look-for-the-logo/

#### Climate Pledge Friendly program on Amazon

ISCC PLUS certified products are included in Amazon's US and several European marketplaces of Germany, France, UK, Italy, and Spain





# ISCC is actively engaged to provide certification solutions for renewable fuels in emerging markets – Aviation and Shipping



#### Sustainable Aviation Fuels (SAF)

- The SAF market continues to point towards a mid- and long-term growth
- Mainly driven by regulatory frameworks (e.g. ReFuelEU Aviation, ICAO CORSIA), as well as demand from voluntary market
- Increase of SAF and CORSIA certificates
- 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



#### **Sustainable Marine Fuels (SMF)**

- Certification is mainly driven by regulatory developments
  - The EU mandates 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 engaged to support further operationalization of SMF certification in various frameworks (including under IMO and the EU's FuelEU Maritime Regulation)
- Feedback from major shipping companies is that currently available bio marine fuel is almost entirely ISCC certified





# ISCC provides support to comply with EUDR requirements

- EU Deforestation Regulation (EUDR)\* applies for 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 applicable as of **December 2024 (initial plan)**
  - The EC proposed an extra 12 months of phasing-in time and obligations to be applicable in December 2025 (approved by the EU Council, EU Parliament pending)
- ISCC offers an EUDR Add-On compatible together with ISCC EU and PLUS certification
- Covers key components under the EUDR:
  - Information Collection & Deforestation Analysis
  - Risk Assessment and Risk Mitigation
  - Traceability

<sup>\*</sup>Regulation (EU) 2023/1115 on the making available on the Union market and the export from the Union of certain commodities and products associated with deforestation and forest degradation and distribution is prohibited.

### **ISCC Academy & Events**

#### **TRAININGS**



- ISCC Waste and Residues Training
   14 November 2024, Live Online Training
- ISCC RFNBOs Training
   20 November 2024, Live Online Training
- ISCC Basic Training
   26 28 November 2024, Live Online Training
- ISCC PLUS Training
   04 05 December 2024, Live Online Training

#### **EVENTS**



- ISCC Regional Stakeholder Meeting North America
   13 November 2024
- ISCC PLUS & SAF Conference Sustainability
   Certification in Japan
   21 January 2025

#### **WEBINARS**



• System Updates Summary Q4 2025 15 January 2025





### Thank you!

**ISCC System GmbH** 

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www.iscc-system.org









