



15th ISCC Global Sustainability Conference

Résidence Palace, Rue de la Loi 155
1040 Brussels, Belgium
20 February 2025



ISCC Overview and Update

Dr Norbert Schmitz, Managing Director, ISCC System
ISCC Global Sustainability Conference, Brussels, Belgium
20 February 2025

Thank you for your participation!



15th

ISCC Global
Sustainability
conference



3

different streams



speakers **24**

panelists **15**

moderators **4**



282

registrations onsite
from **32** countries



54

countries
represented in total

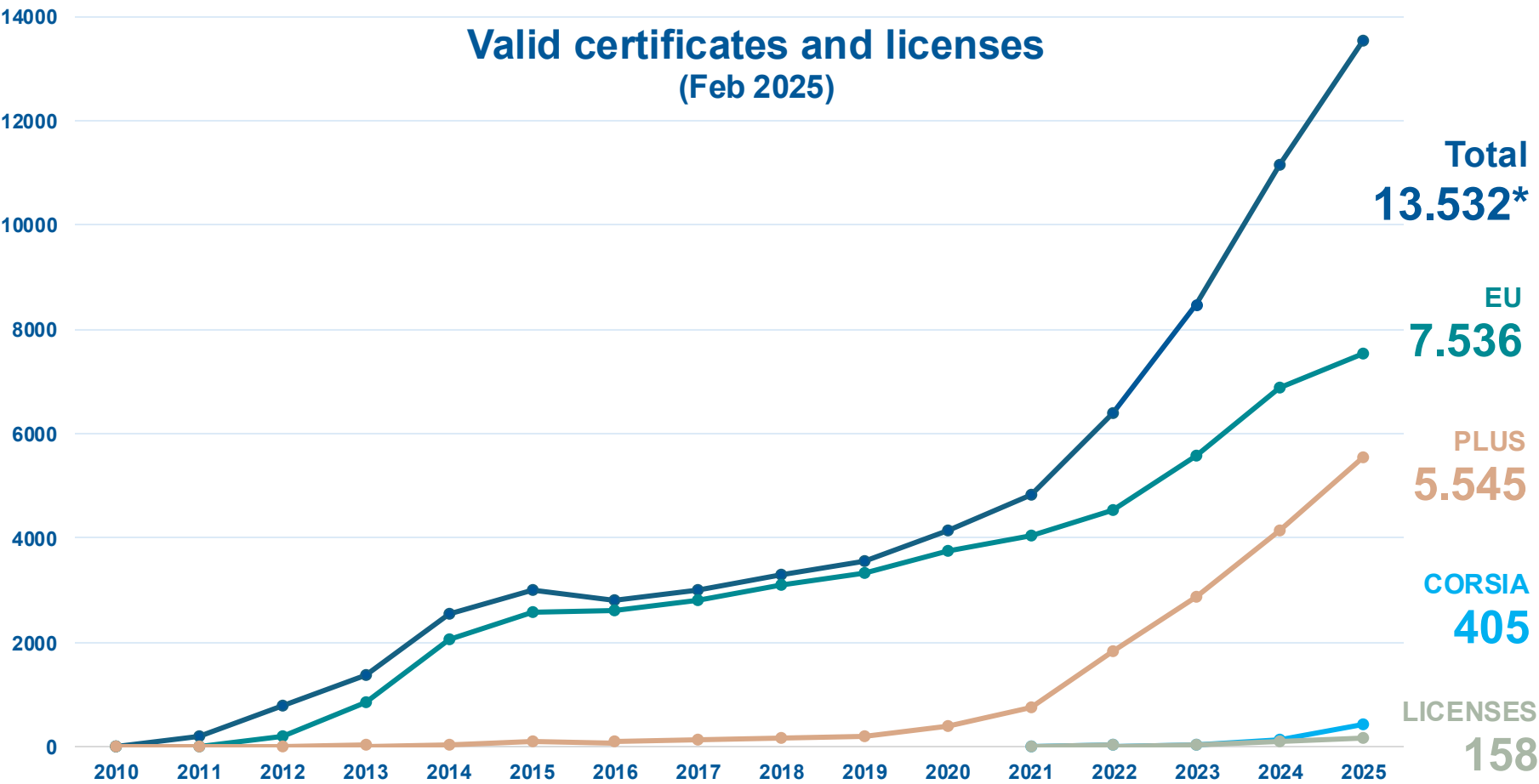


3rd



hybrid format

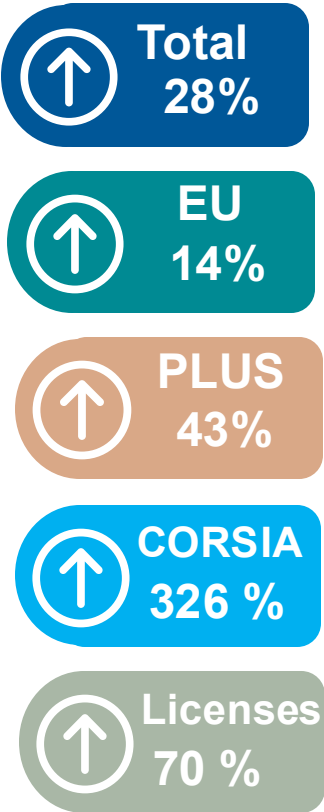
ISCC provides established and globally recognised certification solutions for sustainable supply chains and products



* Number of total certificates also includes certificates of other schemes (e.g. Japan fit)

Growth

in comparison to numbers from last year's Sustainability Conference



Sustainability regulation is getting more diverse and complex.

ISCC supports compliance with different systems

ISCC EU	ISCC PLUS	ISCC CORSIA	ISCC CFC	ISCC Japan Fit
<ul style="list-style-type: none">• Renewable Energy Directive (RED)<ul style="list-style-type: none">- Biofuels- Forest biomass- RFNBOs- RCFs• UK's RTFO• RefuelEU Aviation• FuelEU Maritime• Referencing ISCC EU (e.g California)	<ul style="list-style-type: none">• Dialogues with regulators• Recognition in Korea under Post-consumer Plastic Recycled Content Labelling Policy• Japan biofuels mandate• High level of recognition by private sector companies• Partnership with Amazon Climate Pledge Friendly program• Recognized by company and sector codes	<ul style="list-style-type: none">• Leading scheme for SAF globally• Established registry for credit transfer• LCAF certification under assessment• ISCC involved in IMO discussions, aiming at developing a scheme to cover forthcoming IMO regulation	<ul style="list-style-type: none">• Implementing credible carbon footprint certification• Combination with ISCC PLUS materials or stand-alone• Carbon footprints for mass balanced products	<ul style="list-style-type: none">• Recognition by METI for biomass electricity generation
				ClimatePal
				<ul style="list-style-type: none">• EU Carbon Removal and Carbon Farming Regulation• ClimatePal is a certification system for carbon credits to unlock climate action and sustainable development

Navigating the continuously developing regulatory landscape

RED III



- Member State transposition into national law by **21 May 2025**
- ISCC EU undergoing the recognition for **RED III**

Union Database



- Deadline for **Economic Operators** will be determined in coordination with the Member States before **21 May 2025**
- **TYC Connect** is a crucial pillar for UDB and ISCC compliance requirements

EUDR



- Regulation comes into force for Operators and Traders **30 December 2025**
- **ISCC EUDR Add-On** solution developed and first certifications coming

ISCC EU key developments in 2024

- **Backbone:** ISCC scheme with more than **55% of all certificates**, and largest volumes
- **Recognition of updated ISCC EU documents by EC:** Adjustments cover scheme governance, audit process & auditor qualification, mass balancing, GHG emissions – **RED III update** expected for Q2 2025
- ISCC approach for **forest biomass** and **RFNBOs and RCFs** under RED II was confirmed by EC – **official recognition** by EC received
- **Guidance on co-processing** was updated according to delegated regulation – will be published once confirmed by EC
- Set up of stakeholder working groups “**Waste and Residues**” and “**Mass Balance**” as well as several other measures to address high risk supply chains
- Measures to ensure **system integrity** (comprehensive integrity program) and **improved customer support**

ISCC supports auditors, system users with the certification of innovative approaches and waste- and residue-based feedstocks



ISCC Guidance Document

Waste and Residues from Food and Food Processing



ISCC Academy

Waste and Residue Training
Low ILUC-risk Feedstock Training



Risk Assessment

GRAS Tool to conduct risk assessment prior auditing process



Annex IX Feedstocks

Support for auditors verifying Annex IX feedstocks in agriculture



Low ILUC-risk certification

ISCC System document Training and support for auditors

Examples

The ISCC RFNBOs and RCFs approach is recognised by the EU COM since December 20th 2024

ISCC has two dedicated system documents for RFNBOs certification

The ISCC EU system documents are also valid for RFNBOs

First RFNBOs certificates are already issued or in the process of being recognized

Status	Certificate ID	Certificate Holder	Scope*	Raw Material	Add-Ons**	Products
✓	EU-ISCC-Cert-DK220-219592024	GrønGas, Hjørring A/S, Hjørring, Denmark	LP, OT	Renewable Electricity, Carbon dioxide (CO2)		RFNBO Hydrogen, RFNBO LNG
✓	EU-ISCC-Cert-DK220-219582024	Grøn Brint A/S, Hjørring, Denmark	OT	Renewable Electricity		RFNBO Hydrogen
✓	EU-ISCC-Cert-DE102-24070138	OMV Downstream GmbH, Schwechat, Austria	CPP, ELP	Cashew Nut Shell Liquid (CNSL), Rapeseed / canola, Residue of FAME end distillation ...		Co-processed oil to be used for replacement of diesel, Co-processed oil to be used for replacement of naphtha, Biomethane ...

Economic operators are being supported with pilot certifications (with Meo)

RFNBOs Trainings and TC RFNBOs are key ingredients for a credible and robust certification system

Deploying auditor capacity worldwide



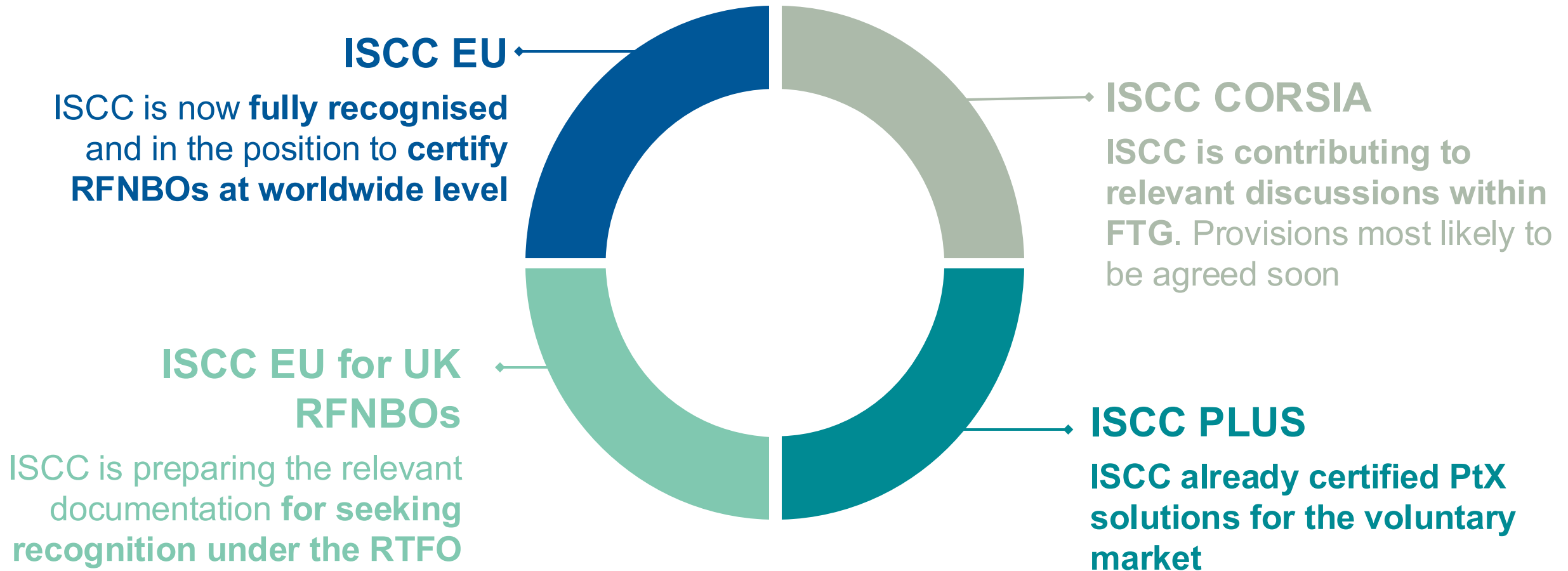
- ISCC has already successfully delivered **three ISCC RFNBOs Trainings**
- A total of **117 auditors** are now in the position to **conduct audits in the ISCC EU RFNBOs space**
- Next training scheduled on **6 March 2025**

Stakeholder engagement and dialogue



- ISCC has already successfully organized **one RFNBOs Event and one Technical Stakeholder Meetings on RFNBOs**, with more than 10 external speakers
- Overall, **660+ individuals** participated to those events

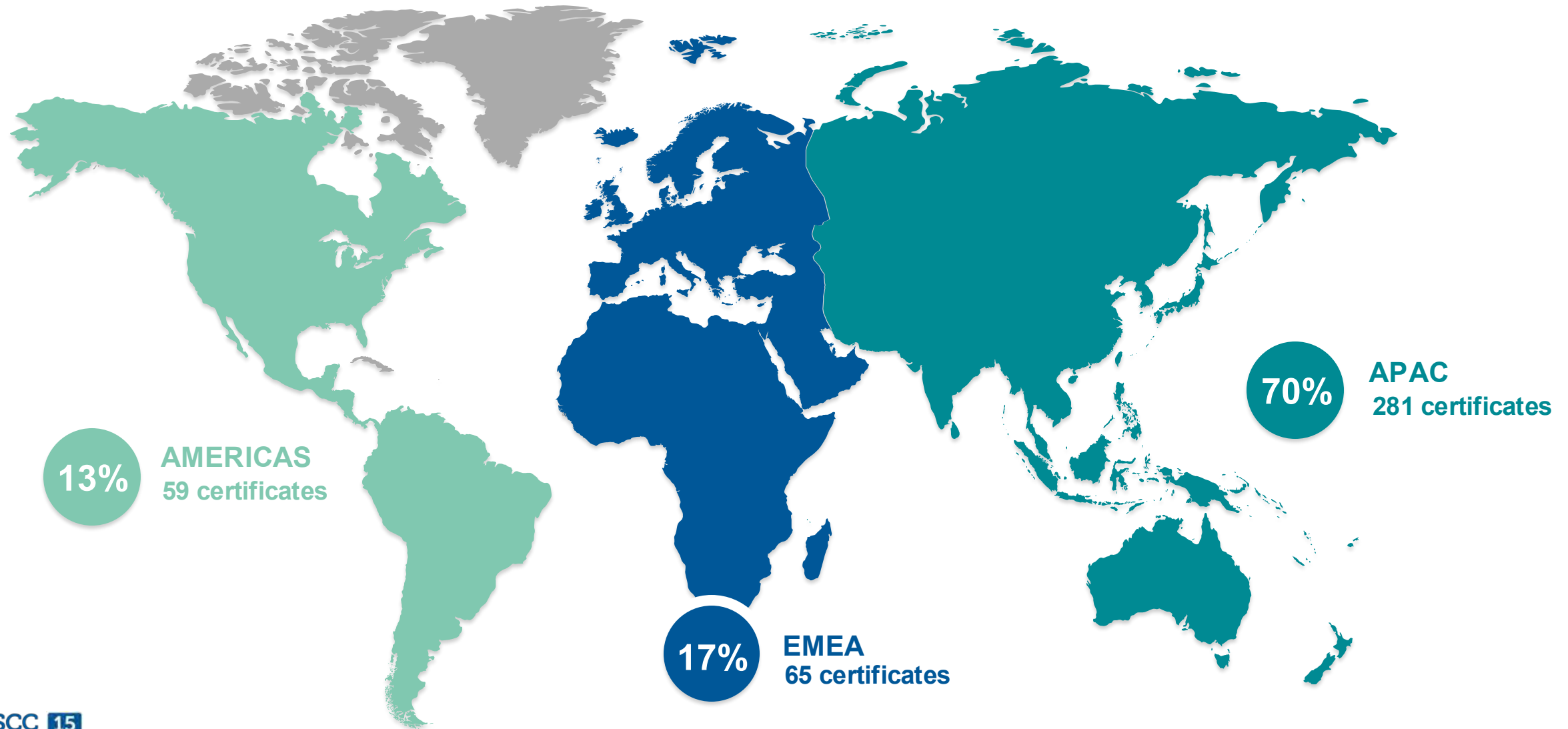
RFNBOs recognition is a crucial piece in the certification landscape of ISCC for eFuels, including for the aviation sector



ISCC PLUS key developments in 2024

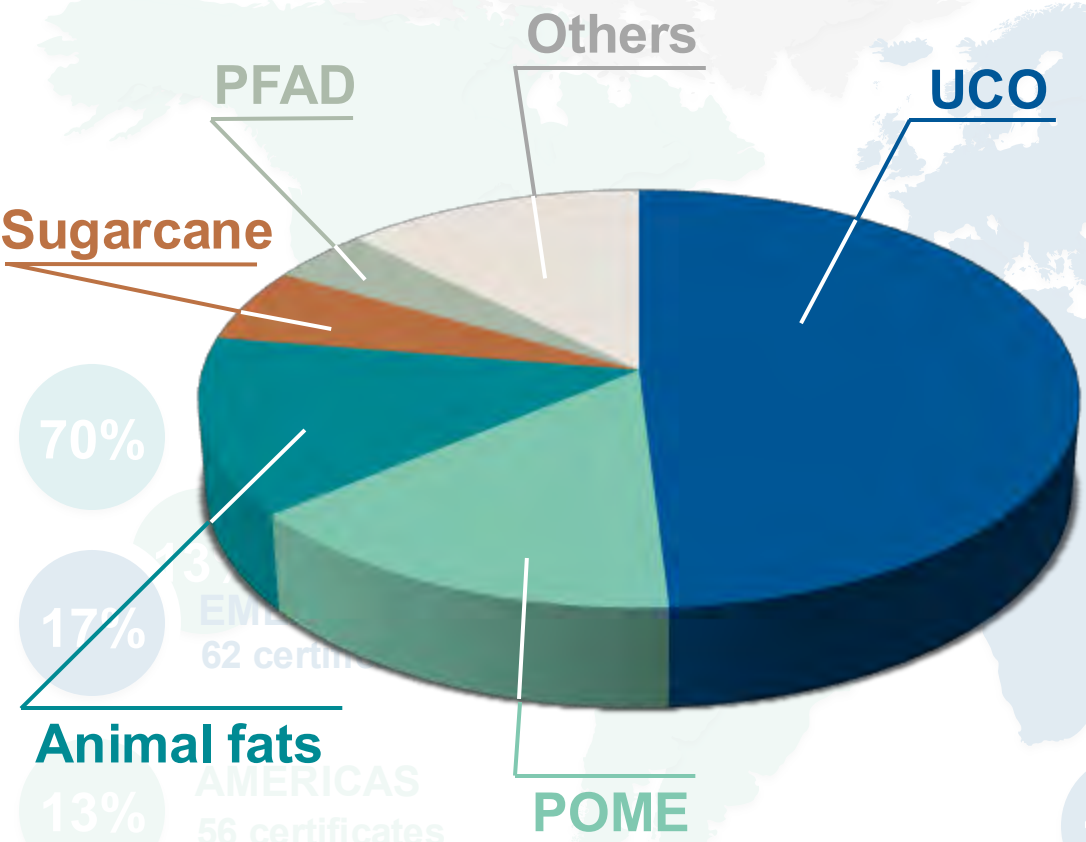
- Strong growth of the number of **certificate holders**, reaching more than 5,500 certificates
- Working on coverage of **regulated and voluntary markets**. Monitoring of **regulatory developments** in EU (SUP, PPWR) and **globally**. Positioning ISCC PLUS accordingly
- Further **expansion of licensing program** taking into account regulatory requirements. (e.g. Green Claims Directive). **More than 60,000 products** covered by the program
- **Intensive stakeholder discussions** (3 working groups on claims, mass balance, GHG). TC Circular Economy and Bioeconomy further developed
- **Recognition in Korea**, further countries likely to apply ISCC PLUS as well
- Work on **advanced recycling** and **mass balance approaches**
- Scaling up **food and feed market** certifications (e.g. **biodiversity, regenerative agriculture, EUDR**)

ISCC CORSIA soars: 405 certified economic operators

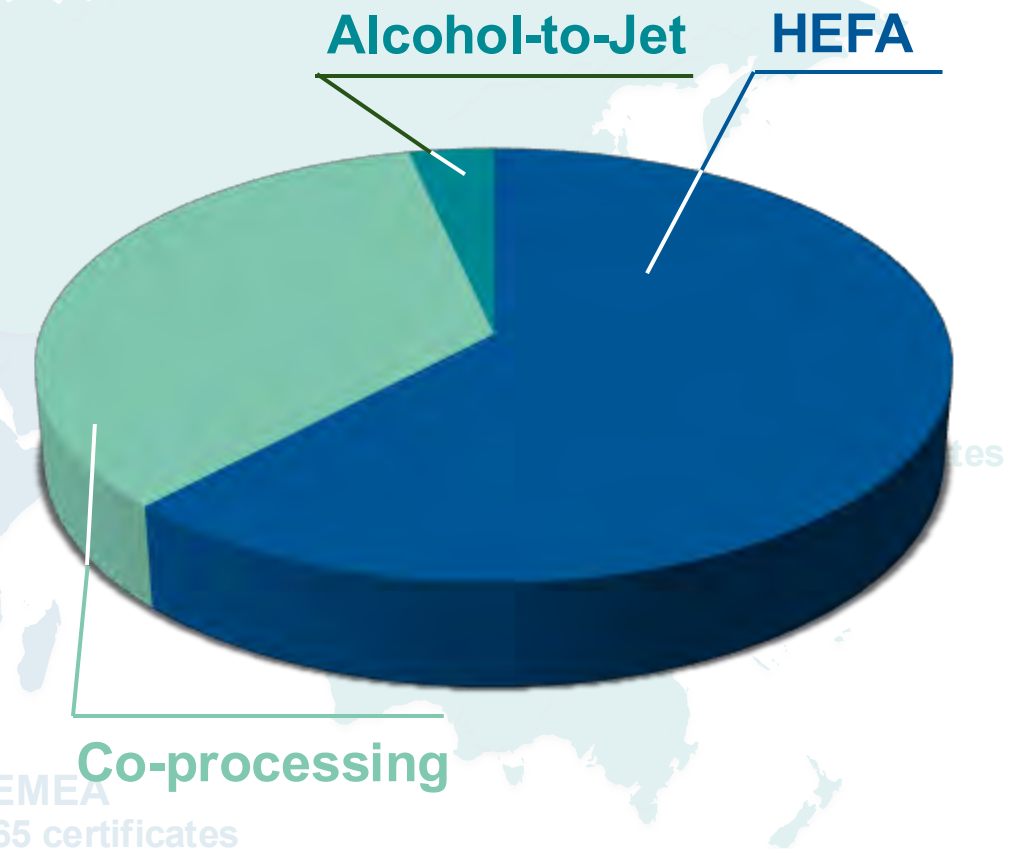


Feedstock and conversion processes under ISCC CORSIA

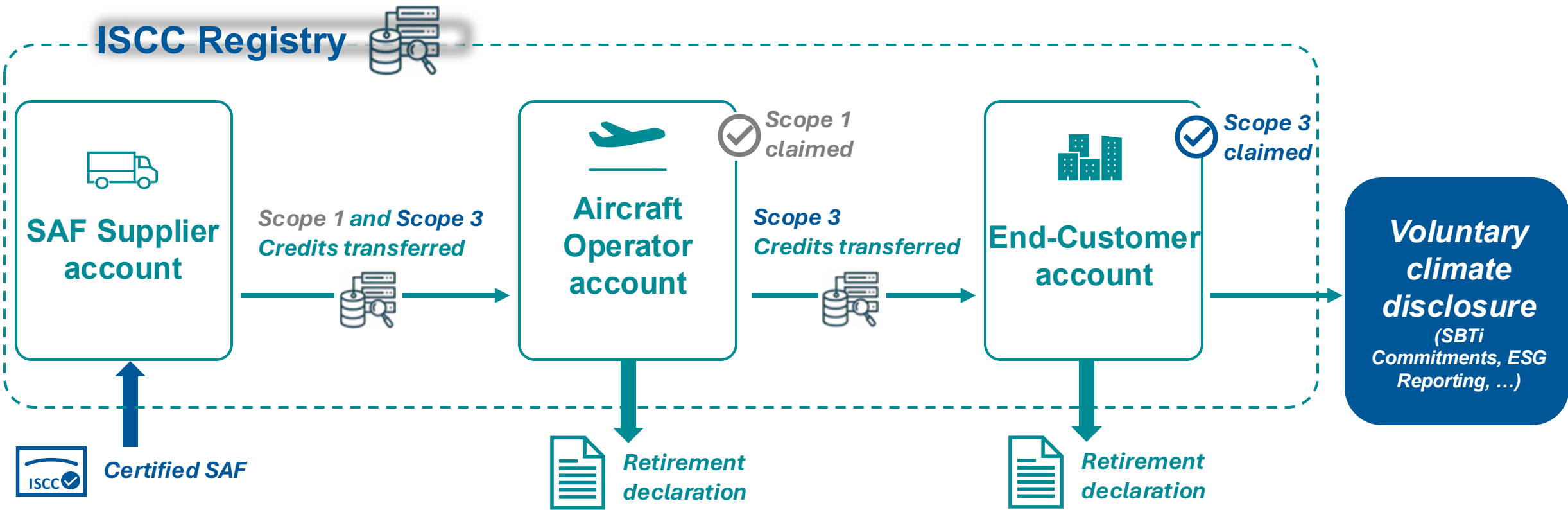
Distribution per feedstock



Distribution per conversion process (overall, 29 conversion units)



In the ISCC Credit Transfer System, certified SAF is uploaded to, tracked and allocated via a secure and credible registry



Early users of the ISCC Credit Transfer System:



Recent developments in the certification of SMF under ISCC – FuelEU Maritime kicked off on Jan 1st 2025



- ISCC is a **frontrunner in the certification of SMF: growing certification numbers** for SMF, especially under ISCC EU:
 - Examples of SMF already certified: HVO, biomethanol, bioLNG, biodiesel
- Interest also in SMF certification for the voluntary market (e.g. SBTi)



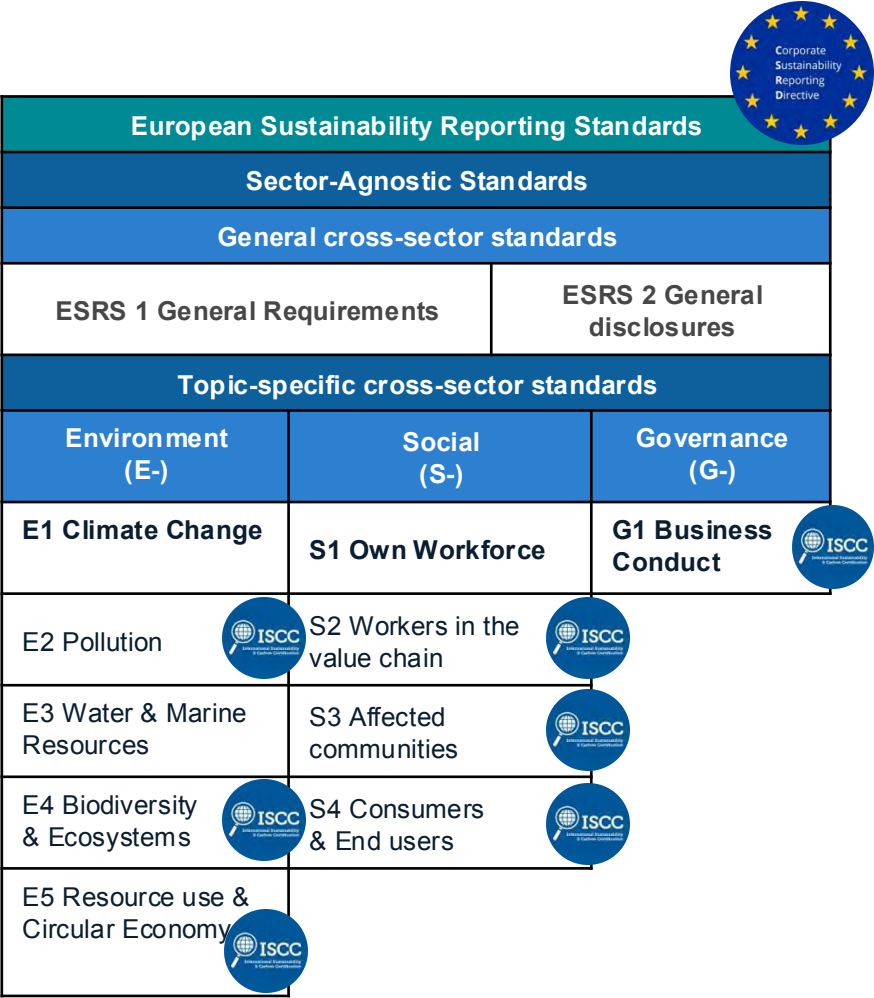
- Many **shipping companies** recently **joined the ISCC Association** (e.g. CMA CGM, MSC, Hapag-Lloyd)



- ISCC is part of the **ESSF* (EC)** group, developing **guidelines for certification of SMF**
- ISCC is **engaged with IMO** supporting the **implementation of certification framework and related sustainability criteria** (IMO LCA Guidelines)

Economic operators can benefit from the overlaps between CSRD reporting obligations and the ISCC certification

- With rising regulatory demands (CSDD, EUDR, ESG reporting, CSRD), companies face growing pressure to enhance **due diligence for human rights and environmental protection**
- The integration of sustainability **certifications like ISCC into the corporate strategy** is an essential step towards fulfilling the due diligence requirements.
- Under the **Corporate Sustainability Reporting Directive (CSRD)**, companies must report ESG requirements and follow the European Sustainability Reporting Standards (ESRS)
- **ISCC covers most of the topics of the ESRS:** Companies can use ISCC certification to fulfil the quantitative and qualitative requirements of the reporting obligation within ESRS



The diagram illustrates the structure of the European Sustainability Reporting Standards (ESRS) and how ISCC certification aligns with them. At the top, a circular logo for the Corporate Sustainability Reporting Directive (CSRD) is shown. Below it, a table outlines the ESRS framework:

European Sustainability Reporting Standards		
Sector-Agnostic Standards		
General cross-sector standards		
ESRS 1 General Requirements		ESRS 2 General disclosures
Topic-specific cross-sector standards		
Environment (E-)	Social (S-)	Governance (G-)
E1 Climate Change	S1 Own Workforce	G1 Business Conduct
E2 Pollution	S2 Workers in the value chain	
E3 Water & Marine Resources	S3 Affected communities	
E4 Biodiversity & Ecosystems	S4 Consumers & End users	
E5 Resource use & Circular Economy		

ISCC certification is shown as overlapping with several ESRS topics: E1 Climate Change, E2 Pollution, E3 Water & Marine Resources, E4 Biodiversity & Ecosystems, E5 Resource use & Circular Economy, S1 Own Workforce, S2 Workers in the value chain, S3 Affected communities, S4 Consumers & End users, and G1 Business Conduct.

The ISCC FSS Add-On certification supports companies to fulfill due diligence requirements

- The **Food Security Standard (FSS)** developed by **Welthungerhilfe (WHH)**, **WWF** and the **Centre for Development Studies (ZEF)** helps the private sector respond to **food insecurity** and **human rights** due diligence obligations
- „Full FSS certification offers the obligated company a **high degree of certainty** that the supplier **complies with the legal positions** identified“



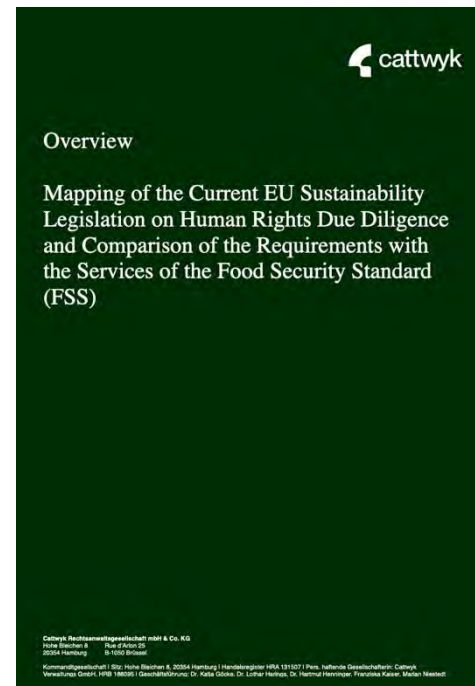
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co-financed by:



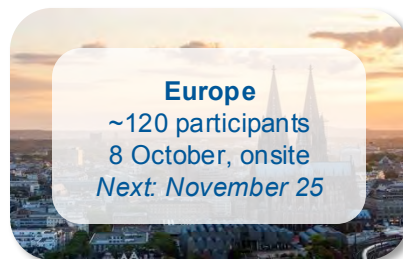
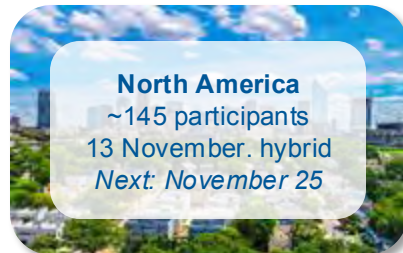
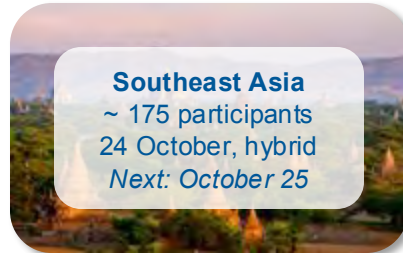
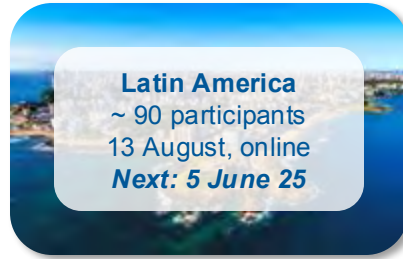
“A certificate that verifies certain protected legal positions as part of an audit by an independent auditor at the supplier's site offers a relatively high assurance that the abstractly identified risk does not actually exist”



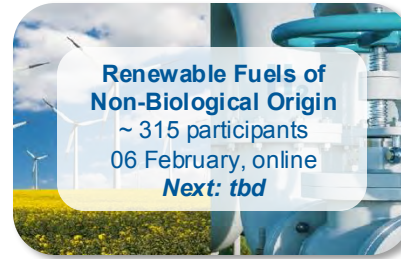
Looking Back: Active ISCC Stakeholder Dialogue in 2024

Technical & Regional Stakeholder Committees & Allocated Working Groups

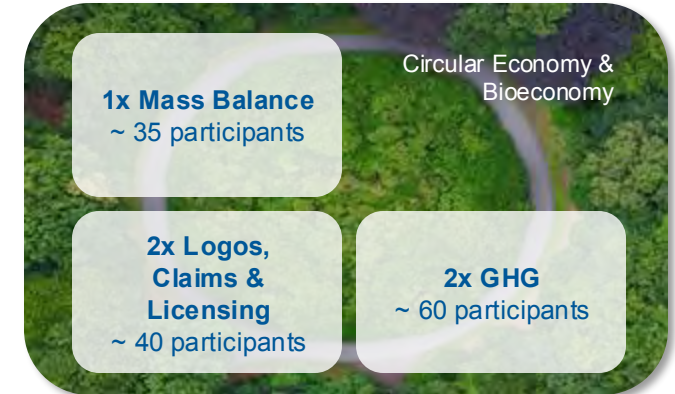
Regionals



Technicals

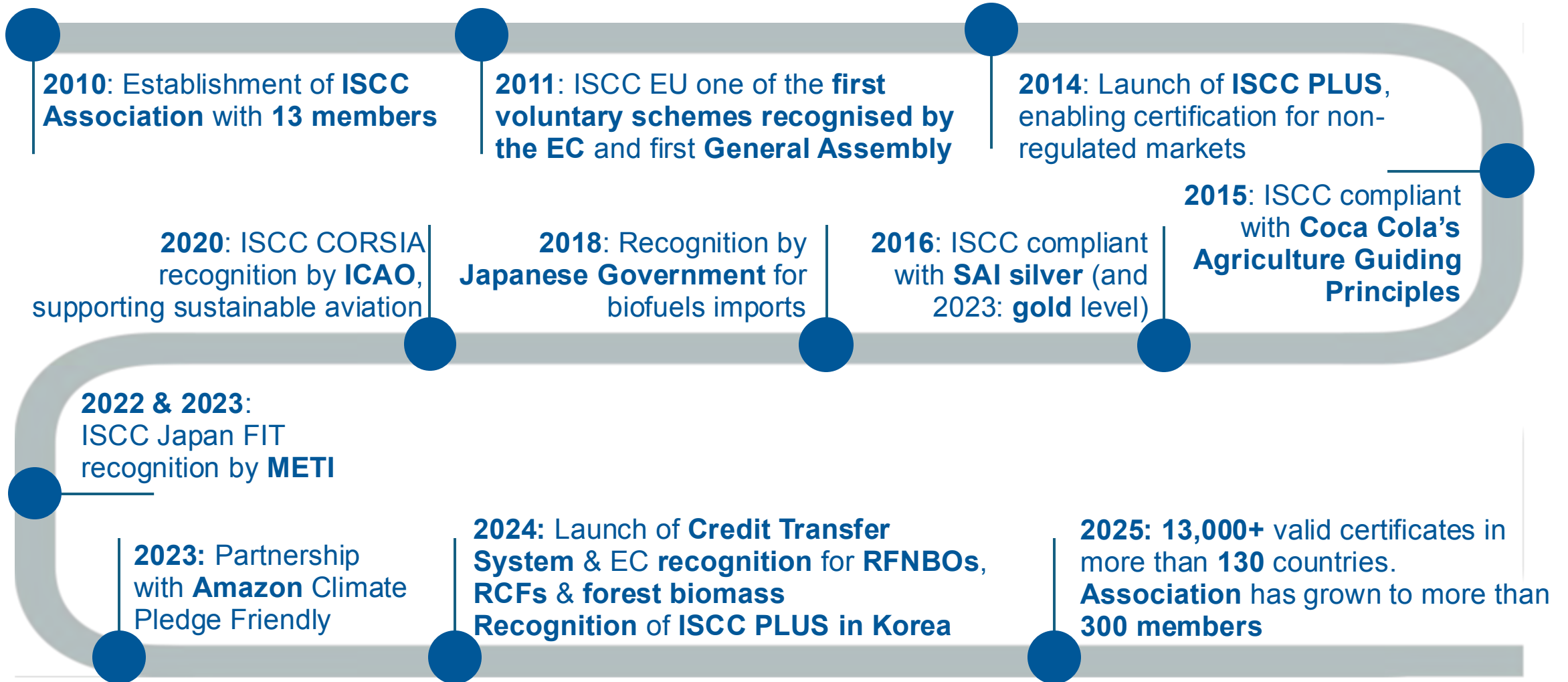


Working Groups



We also conducted stakeholder meetings for ISCC PLUS and CORSIA in Japan and Korea

15 years of a joint journey with our system users



The ISCC Association brings together 314 members, and in 2024 welcomed 52 new members

 Aether Fuels

 AIR PRODUCTS

AIRBUS

 Arcadia[™]
eFuels

 Authentix[✓]
The Authority in Authentication

 aveera



 Cargill[™]

 Celtic Renewables

 CMA CGM

 DB Tarımsal Enerji

 DUPONT[™]

 ekwadraat
ARCHITECTS OF THE SUSTAINABLE CHAIN

 Electrochaea

 Envalor
Imagine the Future

 EBA
European Biogas Association

 ePURE
european renewable ethanol

 foxley

 futurebiogas

 GUNVOR

 Heg
playmobil

 HAIXIN
海新能科

 Himadri

 IAM
carbonzero

 INDORAMA
VENTURES

Jet Zero

 Mærsk Mc-Kinney Møller Center
for Zero Carbon Shipping

 marusumi

 Melanie Williams
CONSULTING

 Mineralplast

moeve

 Mondelēz
International

 m sc

nanolumi

 PALMKIS SDN. BHD.

 Par Pacific

 Politecnico
di Torino

 S-OIL

 reer

 SAF One

 سرك
SIRC
الشركة السعودية للاستثمار في إعادة التدوير
Saudi Investment Recycling Company

 山东氢谷新能源技术研究院
Shandong Institute of Hydrogen Energy Technology

SOLVAY

 ST1

 SusAudit

 P&G

 UNITED

 ISCC 15
International Sustainability
Carbon Certification 2010-2025

**Only those Members logos are shown where consent was obtained.*

Honouring Professor Gernot Klepper's exceptional contributions with the ISCC Gernot Klepper Research Award



*In memoriam of Professor **Gernot Klepper**, PhD,
former ISCC Chairman (2011-2023)*

*Gernot was Department Head at the Kiel Institute for the World Economy (IfW) and a leading voice in **climate economics, climate policy and sustainable development**. He is known for his impactful work bridging the gap between **science, policymaking, and practical implementation**.*

General Assembly agreed to annual award to a **research organisation** in support of an academic publication or an impactful white paper.

Thanks to our keynote speakers – providing an overall view of sustainability and the role of certification



Lídia Pereira

EPP MEP, Portugal European Parliament, Belgium



Giulio Volpi

Policy Coordinator, DG CLIMA European Commission, Belgium



Gerard Ostheimer

Head of Secretariat, Clean Energy Ministerial Biofuture Council
CEO, Molecule Group, United States



Richard Howitt

Strategic Advisor on Corporate Responsibility and Sustainability, Business and Human Rights, UK

Stream 1 – ISCC EU

Stream 2 – ISCC PLUS

Stream 3 – ISCC for SAF/SMF

Closing Session with summary and conclusions

THANK YOU

for your trust and
support over the
past **15 years!**