



ISCC PLUS Certification of the Circular Economy and Bioeconomy

16th ISCC Regional Stakeholder Meeting Latin America

Dr Jan Henke, ISCC System GmbH/ Meo Carbon Solutions GmbH
ISCC Regional Stakeholder Meeting Latin America, 13 August 2024

ISCC's three certification schemes to support compliance with legal and voluntary sustainability requirements



ISCC EU

- Sustainable fuels for **transport, electricity, heating and cooling** in the EU **under the RED**
- To demonstrate compliance with the EU's sustainability and GHG criteria for biofuels, bioliquids and biomass fuels (and soon RFNBOs, RCFs)



ISCC PLUS

- Circular and biobased **chemicals, plastics, packaging, textiles, ...**
- Sustainable **fuels outside the EU**
- **Sustainable food and feed**
- **Renewable feedstock** derived from using renewable energy sources



ISCC CORSIA

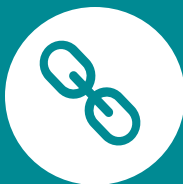
- **Sustainable aviation fuels under ICAO CORSIA**
- To demonstrate compliance with the sustainability and **GHG criteria for CORSIA eligible fuels**

ISCC also operates **ISCC Japan FIT** for the production of renewable electricity in Japan. Eligible raw materials include palm oil, palm kernel shells, and other kinds of shells

ISCC PLUS in a nutshell



Broad raw materials & final market coverage



Several Chain of Custody Options



**Chemical and mechanical recycling routes
for Circular Economy covered**



Certification of the whole supply chain



Licensing for the Brand Owners

Examples of ISCC PLUS certified raw materials*



Bio



Corn



Canola



Sugarcane



Cotton



Bio-circular



Tall Oil



UCO



Forestry residues



Straw



Circular (technical)



Mixed Plastic Waste



End-of-life tires



Waste textiles



Mine gas

Renewable–energy–derived



Hydrogen



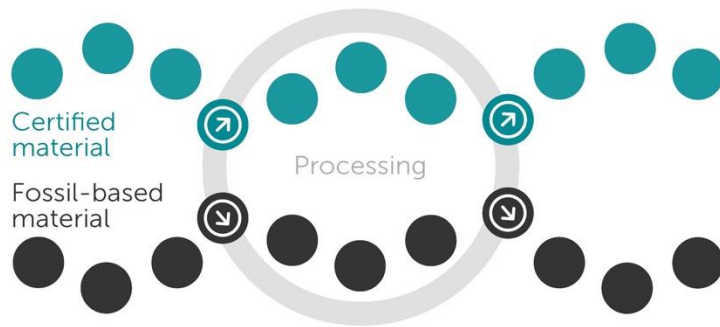
Power-to-X

ISCC PLUS covers all types of final markets

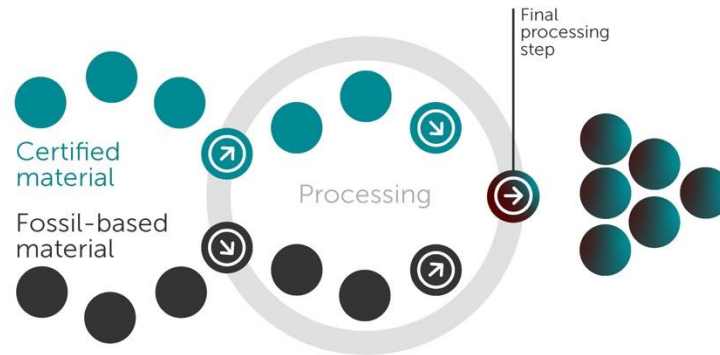


ISCC certifies different chain-of-custody approaches and creates transparency on the approach chosen

Physical Segregation:

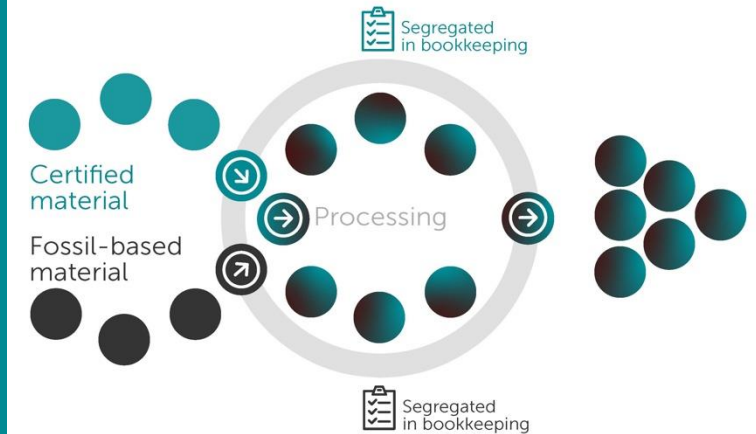


Controlled Blending:



Physical share always known

Mass Balance:



Multi-stakeholder dialogue to further develop ISCC PLUS

ISCC Technical Stakeholder Committee

“Circular Economy and Bioeconomy”



Mr Frederic Dreux (Unilever)

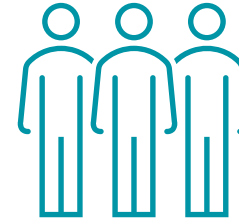


Mr Jason Pierce (Eastman)

Co-chairs

ISCC Working Group

- Mass balance
- Logos and claims
- GHG



Additional Stakeholder Discussions

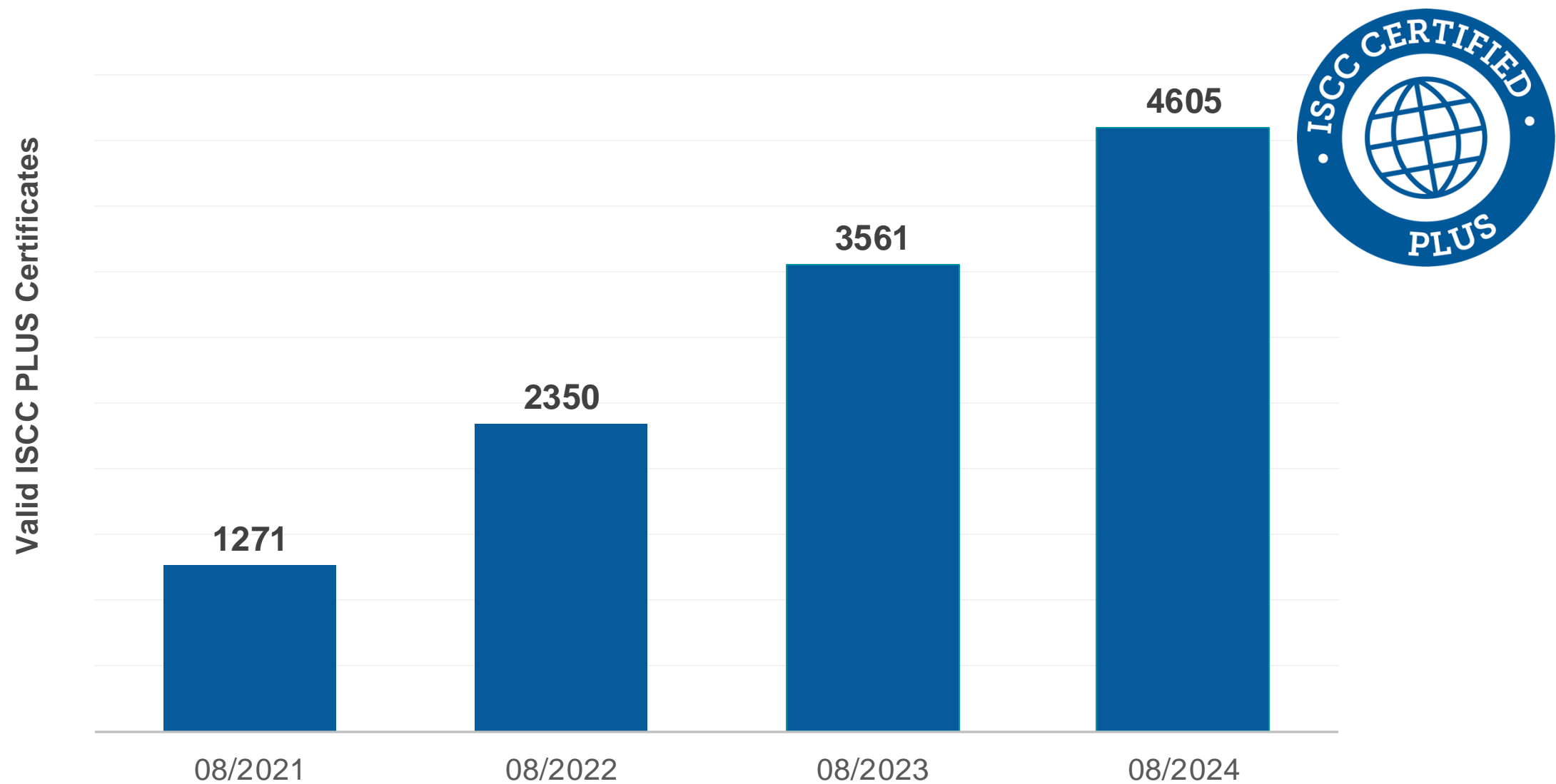
- Regulators, European Commission
- Conferences
- Bilateral discussion



Public Consultations

- CFC – Food and Agriculture
- Ocean Bound Plastics Guidance
- Social Criteria (coming soon)

The number of ISCC PLUS certified companies continues to grow



ISCC PLUS certified companies in LATAM

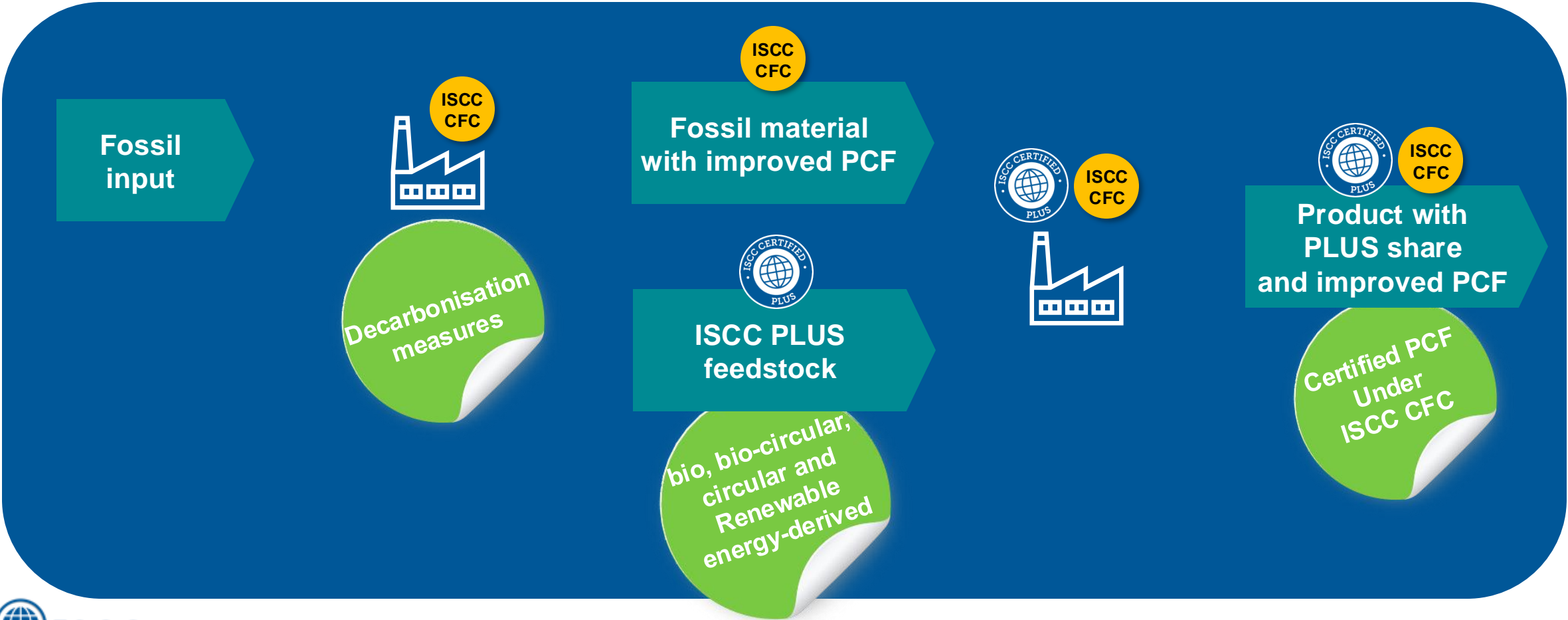
Selection



Overview of some ongoing developments of plastic regulations LATAM

MEXICO	29 states have passed restrictions on the use of single-use plastics.
BRASIL	Regulations, strategies and policies aimed at reducing or banning single-use plastics (State and Municipal Level)
CHILE	Law on Plastics and Single-Use Products since 2021 and Bill on Green Taxes
ARGENTINA	Bill on Packaging and Bill on the Use, Banning and Taxation Of Single-Use Plastics
COSTA RICA	Law to Reduce Plastic Pollution and Protect the Environment since 2019
PERU	Law on Single-Use Plastic and Disposable Containers or Packaging since 2018
COLOMBIA	National Strategy on Circular Economy since 2019 and Tax on Single-Use Plastics since 2022
ECUADOR	Law for the Rationalisation, Reuse and Reduction of Single-Use Plastics since 2020
URUGUAY	National Waste Management Plan Uruguay + Circular

The ISCC Carbon Footprint Certification (CFC) will allow to assess the environmental benefit of products independent of the feedstock



ISCC licensing scheme for brand owners



- **Enabling brand owners** to communicate about certified finished goods
- **Empowering** consumers to make **responsible purchasing choices**
- **Establishing a common language**
- **Ensuring traceability of finished goods** at the end of the supply chain
- **Creating trust**

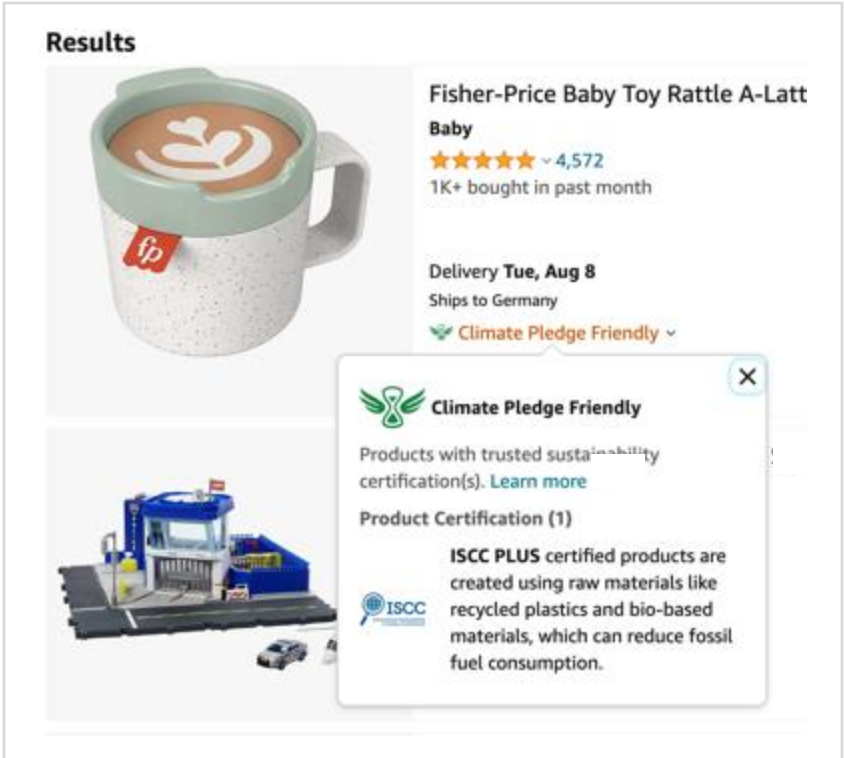
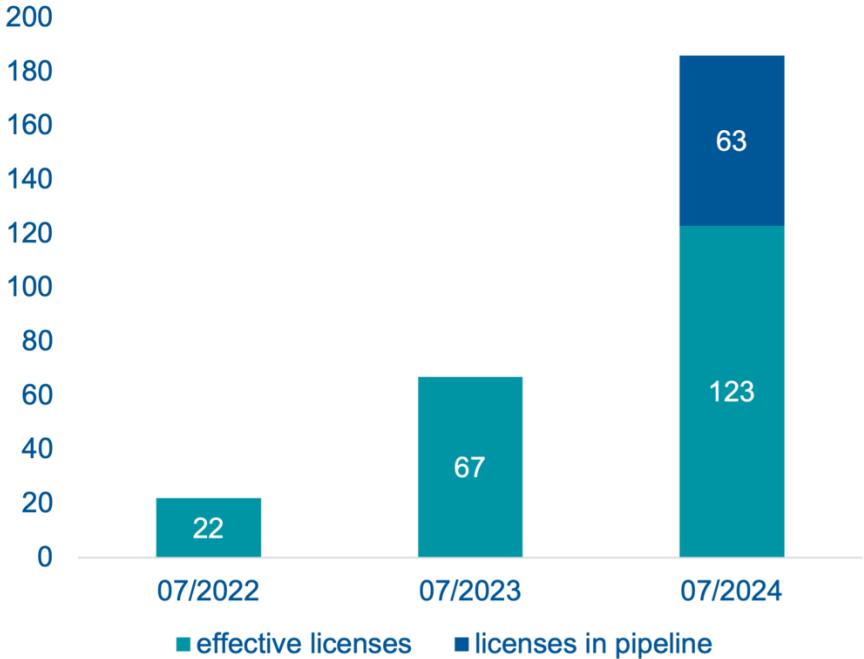
The use of ISCC logos and claims in final markets is increasing

2200+

ISCC certified products on the market

ISCC PLUS now recognized in the **Climate Pledge Friendly** program on Amazon (Germany, France, Italy, Spain, UK, US)

License Development



ISCC currently licensed companies

Examples



The number of ISCC certified products is increasing

2200+ ISCC certified products on the market



Back to the Roots organic soil mix bags are linked to 100% recycled plastics which are certified under the ISCC mass balance approach



¹ This bag is 91% made of plastic. 100% of that plastic is linked to ISCC mass balance certified post-consumer recycled plastic.



The eyewear frames of Ben & Frank are linked to 40% ISCC certified circular Acetate Renew (mass balance approach)

BEN & FRANK



licensed in Latin America and the Caribbean

<https://www.benandfrank.com/shop/category/lentes-renovados-156>

Sonicare's toothbrush heads are linked to 70% bio-based plastic which is certified by the ISCC mass balance approach

PHILIPS
sonicare



70% bio-based plastic¹

¹Allocated to the plastic of brush head on mass balance basis



Mattel's Barbie Getaway House is linked to 70% bio-based plastic certified by the ISCC mass balance approach



Toy: 70% ISCC-CERTIFIED PLASTIC
MASS BALANCE APPROACH



<https://shop.mattel.com/pages/barbie-sustainability>



Tyrrell's crisps packaging is linked to 25% recycled plastics certified by the ISCC mass balance approach



NOW MADE WITH 25%
RECYCLED PLASTIC*

*This packaging is linked
to 25% recycled plastic
via mass balance.



Tyrrell's®

ISCC PLUS increasingly covers food products: Several of Thomy's products source sustainably grown sunflower oil certified by the ISCC PLUS mass balance approach



Sustainable oil cultivation*

*Mass balance approach

Sammontana's Amando ice cream is linked to 100% ISCC certified almonds (on a mass balance approach)

The line Amando is committed to promoting sustainable agriculture of the almonds.



Please join us at ISCC PLUS Training & Technical Committee



The poster for ISCC PLUS Training features a vertical strip of four images on the left: a pile of colorful plastic bottles, a green spiral graphic, four glass vials containing colored beads, and a sea turtle swimming over coral. The ISCC logo is in the top right corner. The main text is in white on a blue background.

ISCC
International Sustainability
& Carbon Certification

ISCC PLUS Training

Circular Economy
and Bioeconomy

03-04 September 2024

CONTENT

- Comprehensive information about the ISCC PLUS certification system
- Chain of custody options, mass balancing, yield calculations and attribution approaches
- ISCC audit requirements and ISCC application along the supply chain
- Logos, Claims and ISCC Licensing scheme

ISCC System 2023



The poster for the ISCC Technical Stakeholder Meeting features a vertical strip of four images on the left: a collection of various tools and a magnifying glass over a blue surface, four glass vials containing colored beads, and a cargo ship at sea. The ISCC logo is in the top right corner. The main text is in white on a blue background.

ISCC
International Sustainability
& Carbon Certification

ISCC Technical Stakeholder Meeting – Circular Economy and Bioeconomy

6 June 2023

1:00 – 10 October 2024

6:00 – 10 October 2024

CONTENT

- Recent developments and market insights
- Stakeholder discussions
- ISCC PLUS updates, proposals, and implementation



Natalia Jimenez Guzmán

New Business Manager
Esenttia, Colombia

“Certification Journey: Challenges & Benefits”



Alonso Martínez Avalos

Sustainability & ESG Manager
Styropek, Mexico

“ISCC PLUS Challenges in the Circular Portfolio of EPS Pearls”



Slendy Díaz

Circular Economy Lead, Ministry of
Environment and Sustainable Development
of Colombia

“Regulatory Framework for the Circular Economy”



Nikhil Arora

Co-Founder / Co-CEO
Back to the Roots, USA

“Pioneering Sustainability in the Garden Industry”



Thank you!

ISCC System GmbH

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