



Update on ISCC PLUS

Dr Jan Henke



Goals of this meeting

- Overview on activities and development since the last TC meeting
- Provide a platform for stakeholder dialogue
 - Discuss latest developments and stakeholder views
 - Market activities, regulatory developments
 - Provide and create transparency on mass balance and attribution approach
 - Report from working group meetings
 - Information on the ISCC PLUS system document V3.4
- Outlook and focus areas in 2023

Highlights of ISCC PLUS Developments in 2022

New ISCC PLUS
System Document
V3.4 in public
consultation

**Mechanical
Recycling** according
to EN 15343

Ongoing inclusion of
**new materials,
processes**

Extension of
attribution options

Highest no. of
participants for **TC
Circular Economy
and Bioeconomy**

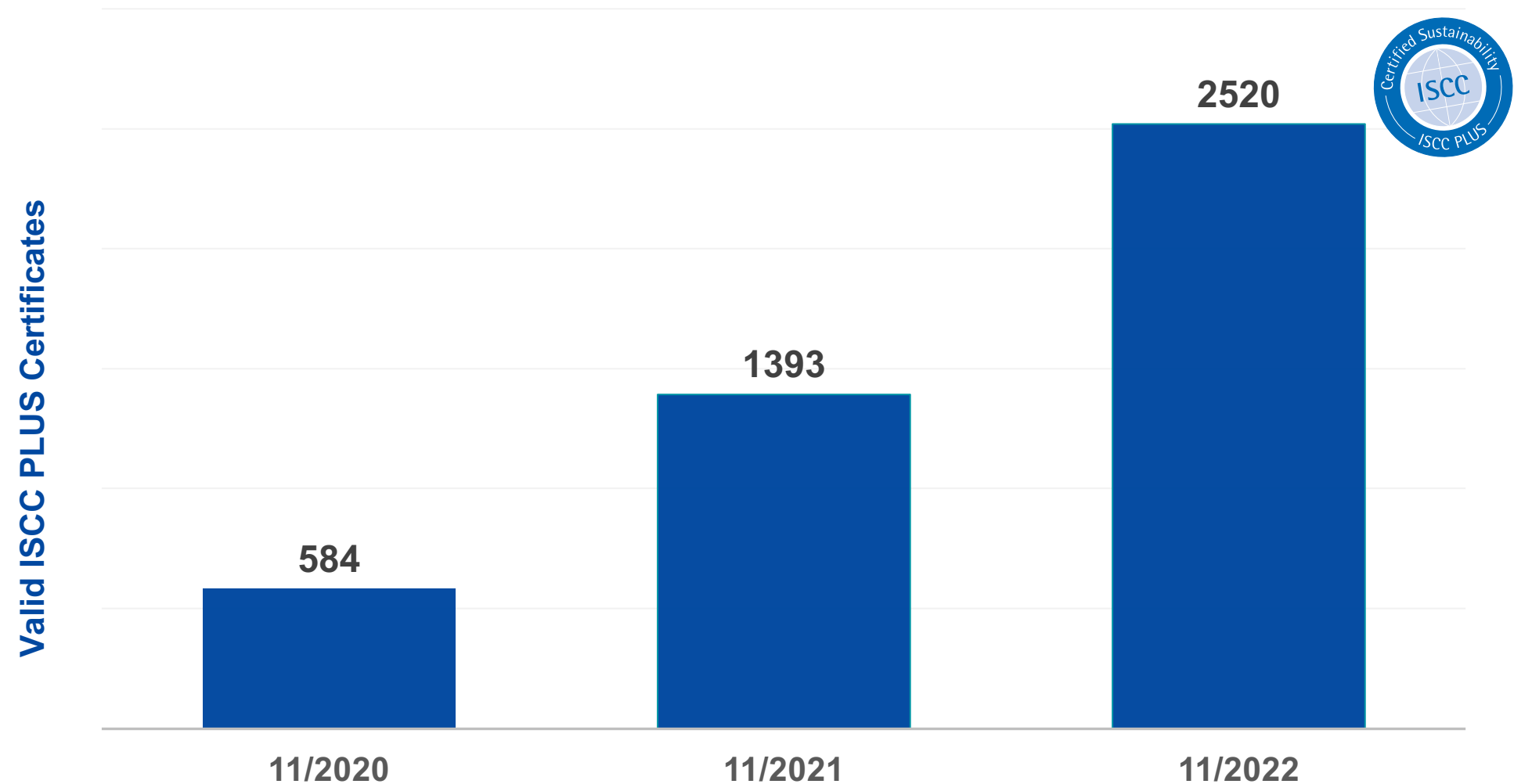
Extensive stakeholder
dialogue on
**packaging directives,
plastic tax**

Extended requirements
when **renewable
energy** is used as a
feedstock

Strong growth of **ISCC
licensing scheme**

Highest number of
participants for **ISCC
PLUS Training**

Number of ISCC PLUS certificates continues to increase



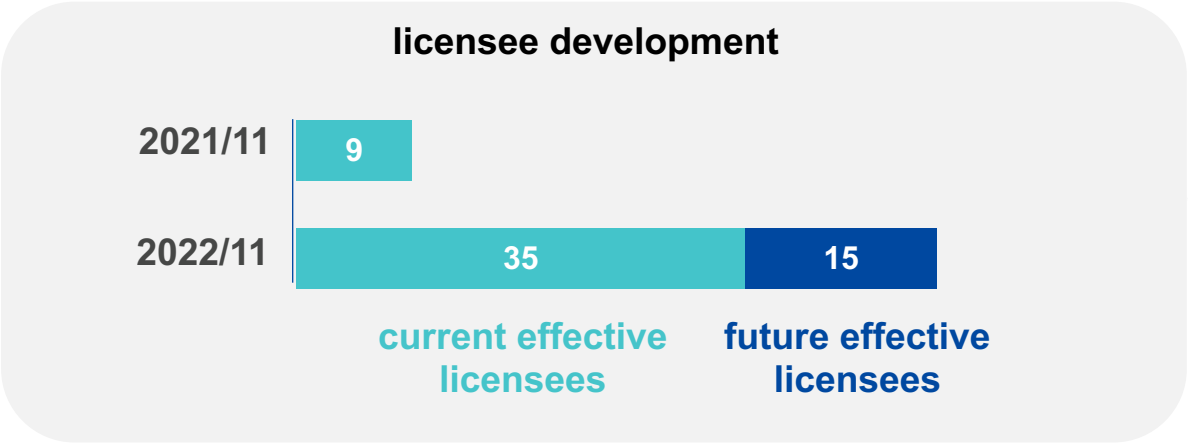
The ISCC Association is a multi-stakeholder initiative that governs ISCC. It is comprised of currently 221 members. New Members welcome



As of 16th November 2022

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Licensing of brand owners under ISCC PLUS is growing, more and more licensees use on-product logo and claim on their packaging



KraftHeinz

Lays
PEPSICO

Pigeon

Mondelēz
International

Orkla

FRONERI



A lot of logos for products have been approved and will be launched in the near future. What can we expect next?

01

for Brand Owners:

ISCC provides more structured solutions to **scale up** your sustainability ambitions, helps the (global) brand owners to cover various brands in an **efficient** and **transparent** way.

- Adding **more products**
- Adding **more brands**
- Expanding to **further markets**, etc.

02

ISCC licensing:

To encourage more brand owners to **communicate with ISCC logos and claims**, ISCC is working on **optimizing** the operational **process**, to offer more automatic solutions in the future; meanwhile, maintaining high **flexibility and credibility**.

ISCC is heavily involved in discussions on how to advance a circular economy

ISCC contributions at external conferences

- Sustainable Polyolefins, Markets & Innovations, June Brussels
- Circular Nonwovens Forum, Sept. Brussels
- Reaching your sustainability goals in appliances with renewable PP, Sept. Barcelona
- Chemical Recycling, Oct. virtual
- Digital K2022 by DSM, Oct. Düsseldorf
- Foam Expo North America and Adhesive & Bonding Expo Europe, Nov. virtual
- Chemical Recycling Summit, Nov. virtual

Other activities

- Continuous discussions with authorities, meetings with EC and other regulators
- Exchanges with CEFIC and PlasticsEurope
- Dialogue with associations like Consumer Goods Forum
- Exchanges with NGOs
- U.S. Plastics Pact
- Many bilateral meetings with (potential) system users, brand owners, associations, etc. on a global scale
- ISCC PLUS presentations at all ISCC regional stakeholder meetings

And more to come!
Reach out to ISCC for meetings at conferences where ISCC is present

ISCC Board Meeting in September 2022

What has been discussed?

- ISCC PLUS activities with Policymakers, Regulators, NGOs, Member States, etc.
- Status and Views to Interoperability Effort with Other Certification Schemes, NEN leading (Dutch Green Deal)
- Meeting/Educational Sessions with NGOs on Mass Balance Use
- ISCC PLUS logo and claims
- ISCC for textiles



ISCC Board appreciates scale of ISCC PLUS activities acknowledged developments of regulations and will keep active in the field to update/ engage ourselves

ISCC PLUS V3.4 Public Consultation recently closed

- **Start Date:** 05.09.2022
- **End Date:** 05.11.2022
- **Number of Comments:** 32
- **Comments from:**
 - System Users
 - CBs
 - Consulting Firms
- **Comments to:**
 - Chapter 5 – System Basics
 - Chapter 7 – Circular Economy
 - Chapter 9 – Traceability and Chain of Custody
 - Chapter 10 – Audit Requirements and Risk Management
 - Chapter 11 – GHG Emissions
 - Chapter 12 – Group Certification



ISCC PLUS System Document, V 3.4

Results of Public Consultation

- **Most commented on:**

- Mass balance (especially on energy excluded option)
- GHG continuous improvement plan
- Consideration of hetero atoms
- Mechanical recycling according to EN15343
- Requirements for CO2 certification

Next step

ISCC will analyze the result and take it into consideration for the final version



ISCC PLUS System Document, V 3.4

ISCC has published its impact report with an extended data basis and several case studies from the chemical industry

More than

15,000

newsletter and social media subscribers

More than

5,000

certified companies

ISCC is governed by

200+

members

ISCC operates in more than

100

countries

ISCC offers

6

training courses

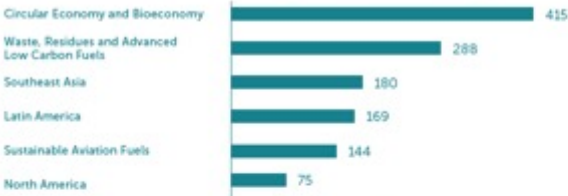
ISCC is engaged in stakeholder dialogues

4 and **4**

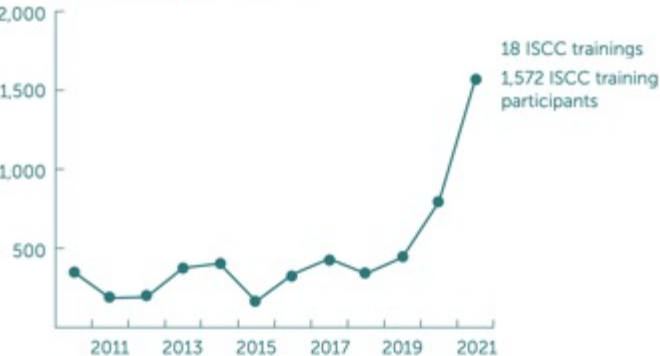
Technical Committees Regional Committees



Participants in ISCC Technical and Regional Committee Meetings in 2021



ISCC trainings and participants



... of ISCC more accurately than we were able in our
... Impact Report of 2018.

We invite you to take part in our sustainability jour-
... and to share our efforts to continuously grow, seek
... v challenges and find new ways in making this world
... re sustainable. To those who have worked with us,
... thank you for your trust in ISCC – your support keeps
... mission alive!

»To those who
have worked with
us, we thank you for
your trust in ISCC –
your support keeps
our mission alive!«



Gernot Klepper
Gernot Klepper

Results from over 16,000 certification audits,
multiple certification stories from ISCC
certified brands and much more!

The ISCC Impact Report provides case studies on recent developments



The screenshot shows a webpage from the ISCC Impact Report. The header includes navigation links: FORWARDS, 01. VISION AND MISSION, 02. IMPACT OF OUR WORK, 03. CONCLUDING REMARKS, and a page number 25. Below the header, the main content area is titled "New circular plastics join ISCC". It features two logos: REGENYX and agilyx. The text describes the increasing public awareness of the need to stop using fossil oil and gas to produce chemicals and plastics, and the role of ISCC PLUS certified Cyclyx International as a US-based post-use plastic feedstock management company. A quote from Tim Steeman, CEO of Agilyx, states: "The advancements we have made at Regenyx, along with ISCC PLUS certification, are further concrete proof that we have created a circular recycling pathway for polystyrene recycling." A photo of a factory interior is shown. To the right, a photo of a worker in a warehouse is shown. The bottom right of the page mentions product families manufactured at three European sites.

New circular plastics join ISCC

There is increasing public awareness of the need to stop using fossil oil and gas to produce the chemicals and plastics we rely on – recognising that these useful substances need to become fully decoupled from the consumption of finite resources. In addition, more and more companies are now replacing fossil feedstocks with recycled and renewable raw materials for their production. ISCC supports this transition to circular economy and bioeconomy models. Cyclyx, Ceres, Regenyx, Brics, Tupperware® and Vynova are companies active right across the value chain all active in stopping waste going to landfill, instead converting it into a valuable product.

ISCC PLUS certified Cyclyx International is a US-based post-use plastic feedstock management company founded by Agilyx and Koorbion. Cyclyx works with its consortium of industry members from various parts of the plastic supply chain to develop innovative recycling solutions for all types of post-use plastics. It does this by sourcing post-consumer plastic waste that would otherwise be destined for landfill. This material channels back into circular pathways through lab analysis, logistics optimisation and AI – ensuring that it meets individual member specifications along the way.

Regenyx, a joint venture between Agilyx and Amity, recently gained ISCC PLUS certification and uses Cyclyx sourced post-use plastics and uses a pyrolysis process to convert it to its original feedstock form, Recycled Styrene Monomer (RSM). The recycled material can be used to make new circular polystyrene. Regenyx has diverted a significant amount of polystyrene from ending up as waste in landfills. Regenyx transposed its Tigard, Oregon facility to a Renewable Energy Credit (REC) program, offsetting its energy usage through the purchase of credits for 100% renewable wind energy. "We are proud of the work that has been done at the Regenyx facility to accommodate the available capacity of recycled content for producers," stated Tim Steeman, CEO of Agilyx. "The advancements we have made at Regenyx, along with ISCC PLUS certification, are further concrete proof that we have created a circular recycling pathway for polystyrene recycling."

Many companies rely on the mass balance approach to track recycled or renewable raw materials as they are converted into chemicals and plastics alongside conventional feedstocks. Trinseo received certification for four product families manufactured at three European sites: polyethylene produced in Tessenderlo, Belgium; polycarbonate produced in Stade, Germany; synthetic rubber produced in Schkopau, Germany; and ethylene-vinyl copolymers produced in Terschoten, the Netherlands. Intermediate products from Trinseo are used to produce packaging, consumer electronics, construction products, medical devices, home appliances and tyres. Françoise Heverlen, Vice President and Chief Sustainability Officer at Trinseo, says: "The mass balance certification is another step taken by Trinseo towards helping 3

Example circular

How ISCC is promoting ISCC PLUS? - E.g. articles featuring ISCC PLUS



It seems impossible to imagine everyday life without plastic, and for good reason: it is a versatile, pure, and lightweight material and is therefore used throughout all industries. Its durability, though, another factor that contributed to its initial triumph, is also one of its biggest drawbacks. Environmental pollution from used plastics and microplastics has reached a level that can no longer be ignored. Added to this is the environmentally damaging procurement of the fossil raw materials or, in some cases, from which plastic is usually synthesized.

As a result, conventional plastic has gotten a bad reputation in recent years.

Since a complete elimination of plastic is neither feasible nor desirable, alternative means of producing the popular material are of the day. Plastics made from renewable raw materials such as sugarcane or corn, or from recycled used plastic, i.e., circular materials, are promising solutions to the problem. This corresponds to today's reality: attentive customers, consumers and other stakeholders can find a whole range of individual claims for raw materials, intermediates or final products at ISCC.

ISCC - International Sustainability and Carbon Certification ensures sustainability, traceability, raw material identity and correct statements about the certified material. ISCC's vision is a carbon neutral world and a true circular economy, where society no longer produces (more) waste and instead creates, reuses, and recycles full and circular products. The ISCC high guarantee just that: it proves that no deforestation is produced, biomass has occurred, quantities and conversion factors throughout the value chain were closely monitored, that there has been a correct application of mass balances, attribution, and carbon footprint calculations, and much more.

ISCC-grades for food, pharma, toys:

The ISCC Plus certification for the mass-balance produced plastic means that the polymers created within this process are identical to their conventional counterparts, making them an ideal choice for toy production, direct food packaging and pharmaceutical industry - industries highly aware of both quality and sustainability requirements.

TER Plastics is proud to be able to offer the entire portfolio of Winstar and TotalEnergies grades as mass-balance quantities with an ISCC plus certificate. This applies to all Total PP and PE grades as well as to all Winstar PE and PE Pharmedex grades. In all these grades, the same documentation, evidence and regulations as apply to its conventional products. This makes them particularly interesting for heavily regulated applications such as toys or food and pharmaceutical packaging.

In addition, they are the only material with a negative CO2 footprint. The types of TotalEnergies can also be grown mechanically if required. To be allowed to an absolute use of mass-balance plastic, ISCC plus certification must be available. The TER Plastics ISCC experts will be glad to advise you in case of questions to this topic.

Companies along the supply chain recognise ISCC's credibility through its robust, multi-stakeholder system, high sustainability standard, broad market recognition, and wide raw material and product coverage and increasingly get certified or licensed by ISCC.

Regulators, NGOs, and consumers are increasingly pushing for sustainable alternative. Companies have picked up on this and more and more are establishing targets to achieve higher recycling rates, integrate alternative raw materials and reach climate neutrality by 2050. More than 2000 companies, for grocery stores and drugstores that sell to the sustainability of the packaging or the contents. But how can they be sure that the product in their hands is genuinely sustainable? To make strong and credible claims that customers and consumers can truly rely on, companies need a certification system.

ISCC PLUS Certification FOR THE CIRCULAR ECONOMY AND BIOECONOMY

SUPPORTING THE CIRCULAR ECONOMY
ISCC CERTIFIED

SUPPORTING SUSTAINABLE AGRICULTURE
ISCC CERTIFIED

SUPPORTING THE BIOECONOMY
ISCC CERTIFIED

ISCC PLUS

Mechanically Recycled Grades

Mechanical recyclates are created from previously collected and processed plastic streams, rendering their carbon footprint to 30% of that of primary plastic and reducing plastic waste.

TER Plastics is continuously expanding its range of commodity plastics to include a full portfolio of PP and PCR regrated with 100% recycling content. These grades are bundled under the newly created own brand **terXene**®.

With a large and ever-growing number of available grades and quantities, TER Plastics covers the full range of commodity plastic applications, such as:

- **rLDPE for film extrusion:** grades from PCR and PE from natural with a virgin-quality film using and commercial enter grades over different colors down to several mils of black.
- **rHDPE for blow moulding and film extrusion:** grades from PCR and PE from natural and off-white over light grey and several colors until black, from common qualities up to bottle-2 bottle-PCR with adjustable MFR, very low black specs and no smell.
- **rHDPE for pipe extrusion:** PCR grades for PE 63, PE 80 and PE 100 standards, unperforated or with custom-made flow behaviour, ESCR and DIT.
- **rPP for injection moulding:** PCR grades, MFRs from 5 to 35, colours from off-white and light grey over customized RAL-colours to dark grey and black, partly with adjustable mechanicals, such as impact resistance and stiffness.

Abstract

In order to meet the growing market's needs and expectations in terms of sustainability,

TER Plastics has expanded its portfolio with high quality recyclates and mass-balance polymer manufactured from vegetable and recycled oils.

For mass-balance grades TER Plastics POLYMER GROUP has received the ISCC Plus certification with access to the market and ISCC Plus-certified polymers. Winstar, TotalEnergies and DSM. These grades are especially interesting for production of toys, direct food packaging and pharmaceutical industry.

For mechanically recycled LDPE, HDPE and PP grades TER Plastics has launched the new brand of **terXene** eco and offers a portfolio of over 140 grades which cover the complete range of commodity applications.

About TER Plastics POLYMER GROUP

For more than forty years TER Plastics offers its partners and customers across Europe reliable and future-oriented solutions in the field of advanced engineering plastic and commodity plastics.

Recent years have shown that the world is moving ahead with much greater focus on sustainability, circular economy and environment awareness - especially with regards to industries using plastics.

In order to meet the growing market's needs and expectations, TER Plastics is constantly expanding its portfolio. It includes products that will further support the customers' needs in designing the most sustainable solution by providing high quality recyclates or mass-balance polymer products that are built on using plant-based and recycled oils.

terXene® eco

TER Plastics
THE NEW STANDARD

Our commitment to you:
Transparency and traceability
100% Polymer Manufactured from vegetable and recycled oils
Circular economy - Sustainability



How ISCC is promoting ISCC PLUS? - E.g. articles featuring ISCC PLUS (II)

tk& publisher event organizer media agency

ISSC 2024-2025

HPC TODAY

International peer-reviewed journal of Household, Personal Care, Cleaning, Cosmetics and Dermatology



GALE&COSM
Beauty Ingredients

The Raw Material Supplier of your choice

SUSTAINABILITY

Third-party sustainability certification of bio and circular chemicals as another part of the solution

JANA KNECHT
ISSC System GmbH

Abstract
The last years showed that changes on the market level come not directly from an insight, but a critical threat. As this is up to date market data indicates an increase in the use of alternative feedstocks for chemicals with the severe implication of related legislation. Finally the impact from oil-based global value chains (feedstocks) further, however, crop-based raw materials can be associated with certain risks as deforestation practices. Voluntary sustainability certification schemes can be an important tool to be compared to implement good practice sustainability efforts and comply with upcoming regulatory demands. Consequently this article explores and illustrates the role for companies that use responsible input and output. This article provides an overview of the ISCC PLUS system operations.

Keywords
• Sustainability
• ISCC PLUS
• CRAS
• Deforestation-free supply chains
• Circular economy
• Surfactants
• Cosmetics

Since several years regulations, civil society, and consumers push for sustainability initiatives with an accelerating speed. While we have to acknowledge that companies are increasingly considering environmental and social impacts in global supply chains – for instance via zero deforestation commitments (1) – the message we see in the media is clear: We are not doing enough and we are losing it. A lot of analyses of recent reports call out highest urgency for systemic changes in the way how we produce and consume our goods and services.

The latest IPCC reports show that despite the rising sustainability efforts in the diverse industries since 2015 net anthropogenic GHG emissions have increased across all assessed sectors worldwide. As have greenhouse gas (CO₂) emissions since 1850. A significant amount of around 25% of total emissions can be produced by net CO₂ from land use, land-use change, forestry (LULUCF) (2). And although the scope of the deforestation risk has decreased since 1990, the Food and Agriculture Organization of the United Nations (FAO) estimates that since then until 2020 around 420 million hectares were lost due to deforestation. Losing this amount was partly and begrudgingly given a green boost at the edge of the area of France in 2019 (3).

While growing deforestation is very important to keep sustainable development, we should not be persuaded to design the future that transform the message into a positive narrative to state up all possible options that contribute to the solution as quickly as possible. Further actions are necessary and with legislation favoring the strongest leverage, the role is related current and upcoming regulations given hope that there will be a way to reach the Paris Agreement's targets.

From European Market The European Union (EU) and the FAO for US Package provide the base for climate-friendly initiatives and incentives. The overarching goal is to become net-zero by 2050 and it shall be achieved by e.g. the Chemicals Strategy for Sustainability (CSS), regulations towards deforestation-free commodities and products and the Circular Economy

action Plan. National and domestic law follows this, i.e. the German Supply Chain Act was approved recently and creates incentives for more sustainable business practices. In France, Belgium and Switzerland two different states across the mandatory nature right (MNR) companies will be the future. Furthermore, the European E2 taxonomy introduces specific information requirements relating to the presence of fossil fuels in products and a push to the consideration of CO₂ emissions. At the same time the Governance proposal for the Corporate Sustainability Reporting Directive (CSRD) will require thousands of companies to disclose significant changes in their supply chain mapping and data forwarding. And its goal is to see that the same happens worldwide with many more and important measures for emissions in 2024 and 2025 onwards.

RISE IN APPLICATIONS FOR BIO AND CIRCULAR SURFACTANTS
As the adoption of surfactants in the home and personal care market is exponentially rising and part of the solution can be to replace petrochemicals with alternative feedstocks, not only does this reduce the dependency on the fossil-based resources but this can provide many general sustainability related benefits as reduced GHG emissions, support of regenerative agricultural practices, transparency of formal rights in contribution to the global economy.

The need for raw materials is more than clear – now it's time to scale up and this is exactly what is happening in the chemical industry. Bio-based shares in chemical production have continuously since 2008 (4) leading to the fact that the share of alternative feedstocks has grown by over 30% since 2010. While starting over 10 billion Euros in R&D investments for European chemical sector should continue in the coming years, the private sector (5). However, according to surfactants can be produced with petrochemicals or the most abundant raw materials. A study for the European market shows a consumption of 71,028 t and a share of sustainable petrochemicals used in detergents cleaning agents and cosmetics.

SUSTAINABILITY

Third-party sustainability certification of bio and circular chemicals as another part of the solution

JANA KNECHT
ISSC System GmbH

Abstract
The last years showed that changes on the market level come not directly from an insight, but a critical threat. As this is up to date market data indicates an increase in the use of alternative feedstocks for chemicals with the severe implication of related legislation. Finally the impact from oil-based global value chains (feedstocks) further, however, crop-based raw materials can be associated with certain risks as deforestation practices. Voluntary sustainability certification schemes can be an important tool to be compared to implement good practice sustainability efforts and comply with upcoming regulatory demands. Consequently this article explores and illustrates the role for companies that use responsible input and output. This article provides an overview of the ISCC PLUS system operations.

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The role of sustainable supply chain management (SSC) is also reflected by consumer studies where around one third of participants consider themselves as highly engaged with choosing a more sustainable lifestyle. Sustainability concerns are therefore a key aspect of the buying decision, especially for persons of only use as personal care or household items. In addition, around 60% of consumers do not buy anymore products that are linked to animal or environmental concerns (7). Alternative feedstocks can bring different risks depending on the type of the raw material. While for agricultural feedstocks, especially at the beginning of the supply chain, deforestation and social issues have to be monitored for animal material degradation and possibility of viruses should be verified in the case of origin where issues occur, and SSCs represent an important instrument to justify green claims e.g. related to the origin of input materials or CO₂ footprint. In this regard, EU market participants can expect future regulations driven by the relation in substantiating green claims.

HOW IT WORKS UNDER ISCC – AN EXAMPLE CASE OF A SUSTAINABILITY CERTIFICATION SCHEME
Third-party voluntary certification schemes can support companies to be compliant with these current and upcoming legal requirements. They certify supply chains back up reliable claims and for this can decrease the risk of falling into greenwashing allegations. The International Sustainability and Carbon Certification (ISCC) is an independent multi-stakeholder scheme and leading certification system that concentrates its simple and environmental protocols, documentation and especially along supply chains. It was adopted in 2010 in a pilot project supported by the German Federal Ministry of Food and Agriculture (BMEL) through its Agency for Renewable Resources (NFI). Today ISCC counts over 5,500 certified companies that can be active in different industries as energy, food, feed and industrial substances. The certification covers biological sectors and includes required paper-based materials, forestry and agricultural materials and non-biological renewable materials. Figure 1 shows the market coverage for crops scope in the last year. In 2022 the ISCC forum brought together around 3,000 participants at regional and topic-specific committee meetings and trainings. The Integrity Program further supports the high market acceptance and robustness of the scheme. Since a few years chemical and packaging applications, followed by the food, growing sector with annually doubling growth rates in certified companies (ISCC data, very recently published), the total output of the scheme has grown by 10% since 2021. The ISCC forum also provides many free services of member companies in the chemical industry.

At ISCC around 100,000 requirements ensure that sustainability data related to e.g. deforestation, social aspects and GHG emissions is forwarded along the entire supply chain up to the ISCC claims.

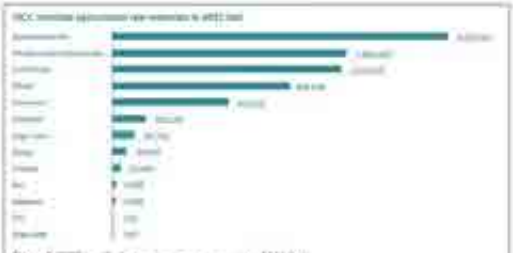


Figure 1. 2022 certified agricultural raw materials in 2021 (t).



Figure 2. A flowchart illustrating the ISCC certification process.

Third-party, verified and verified processing units, each year for the entire supply chain. The documentation of all incoming and outgoing claims, Figure 2 shows that certified parties, such as initial sustainability declarations of certified suppliers to the food parts in supply chain. There exist different ways how certified products can reach the end of the value chain. ISCC allows for the flow chain of mostly organic mass balance physical segregation and controlled blending. The acceptance of mass balance products in the market is important because it enables the sustainable supply by companies of sustainable raw materials into existing value chain processes and especially along processing infrastructure. ISCC and consumer-facing claims depend increasingly on the chosen method (see Figure 3). The transparency of ISCC processes and claims of sustainability requirements ensures that the physical flow of sustainable materials can be traced back throughout the supply chain, which guarantees the integrity of sustainability statements.

The approach of fully verified supply chains also enables robust GHG claims, as relevant information on actual GHG emissions claims, based on real input data and verified by independent auditors, can be forwarded to downstream market participants with the ISCC sustainability declaration. This allows companies to demonstrate and verify ongoing GHG reduction programs and claim its material sustainability. Since many years ISCC certified companies are working on innovative solutions for lower carbon footprint as carbon sequestration measures on site, the use of biochar or carbon capture and utilization technologies to drive positive environmental impact.

Last TC meeting in June – update on next steps

- Acceptance of mass balance approach continuously grows in scale and in trust with market, regulators and stakeholders ✓
- Need for mass balance approach and chemical recycling highlighted ✓
- Aspects such as attribution options and claims are evolving and starting to converge ✓
- Development towards and already demand for “energy excluded” attribution approach ✓
- ISCC PLUS is responding to the stakeholders and market needs, i.a. by implementing updated claims and licensing options (2021) and new “energy excluded” attribution (2022) ✓
- Challenges:
 - Acceptance of mass balance attributed recycled content in plastics recycling legislation
 - Further acceleration
- Continue dialogue with all stakeholders, i.a. ✓
- Better, more positive name for “energy excluded/ fuel exempt”
- LCA: Further discussions on methodology, in particular when attribution is involved. Discussion on whether LCA requirement is appropriate (% or equivalent/better than non circular)
- Inclusion of innovative approaches, e.g. H2, CO2 coverage ✓

Renewable Fuels of Non-Biological Origin (RFNBOs)



- When: **01 December 2022**
- Open for companies and interested parties

[More information and agenda](#)





ISCC PLUS Training

Circular Economy and Bioeconomy

Online Training

ISCC PLUS Training

ISCC PLUS Training “Circular Economy and Bioeconomy”

- Next training course: **7 - 8 December 2022**
- Open for auditors, companies and interested parties

[More information and agenda](#)



Deepen your
understanding of
ISCC PLUS
certification



Become familiar
with certification
and audit
requirements



Learn about chain
of custody options,
mass balancing,
yield calculations
and attribution
options



Discover new
market
opportunities and
stay ahead of your
competition



Outlook 2023

- Keep up discussions with regulators
- Continue development of certification options for new materials and processes
- Supporting brand owner ISCC logo use and continue work on becoming more consumer facing
- Finalize ISCC PLUS V3.4 system document
- Next meeting of mass balance working group (alignment of energy excluded attribution approach)
- Work on integrating carbon footprint calculations and claims. PCF working group?

Agenda

■ Speakers

- Dr Jan Henke, **ISCC System, Meo Carbon Solutions**
- Adela Putinelu, **Plastic Energy Ltd.**
- Alessandro Pistillo, **Together for Sustainability AISBL (TfS)**
- Johannes Musseleck, **INEOS Styrolution**
- Dr Stefan Gärtner, **Meo Carbon Solutions**
- Isna Apriani, **Pigeon**

■ Way Forward



ISCC Technical Stakeholder Meeting **Circular Economy and Bioeconomy**

17 November 2022
1:00 pm – 4:00 pm CET (UTC +1)
6:00 am – 9:00 am CST (UTC -6)

| Content:

Recent developments and
market insights

Stakeholder discussions

ISCC PLUS updates, proposals
and implementation

Wrap up and next steps

- 2022 was great year for ISCC PLUS with lots of ISCC PLUS activities, standard development and growth
- 2023 will become age of more maturity, capacity increase, additional raw materials and markets
- Further maturing the system
- Continue work on explaining mass balance approach
- Work on and explain additional attribution option
- Continue work on scaling up licensing, logo use, consumer acceptance
- Watch the regulatory space, discuss with regulators, prepare ISCC PLUS for upcoming regulation where required
- Work on integration of PCF under ISCC PLUS; alignment where possible with GHG Protocol, ISO, TfS; how to align emission allocation and mass balance attribution approaches under ISCC PLUS?
- Work on acceptance of mass balance in LCA space

Thank you to our chairs, speakers, and all participants in the stakeholder meetings and the working groups!!

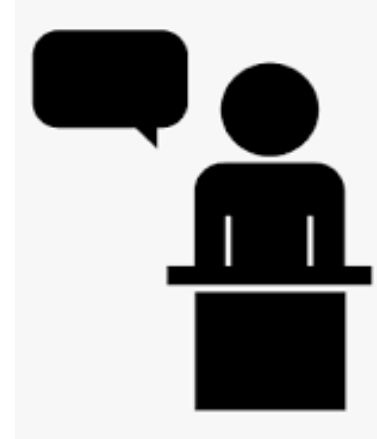
Co-Chairs



Frederic Dreux (Unilever)



Jason Piere (Eastman)




All Speakers




For the very valuable contributions of our chairs, speakers, participants in the ISCC Technical Stakeholder Committee and input from working groups. You have heavily contributed to the strong growth and development of the ISCC PLUS scheme in 2022!


Follow us on Social Media and stay up-to-date on events, sustainability news and ISCC-related topics




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@iscc_sustainability









Twitter

@ISCCSystem








Facebook

ISCC – International Sustainability and Carbon Certification







LinkedIn

ISCC – International Sustainability and Carbon Certification







NEXT MEETING: 6 JUNE 2023

PLEASE REGISTER NOW