

ISCC PLUS for the Circular Economy and Bioeconomy

Dr Jan Henke, ISCC System GmbH, Meo Carbon Solutions GmbH
10th ISCC Regional Stakeholder Meeting North America, November 16, 2021

The circular economy and bioeconomy continues to grow



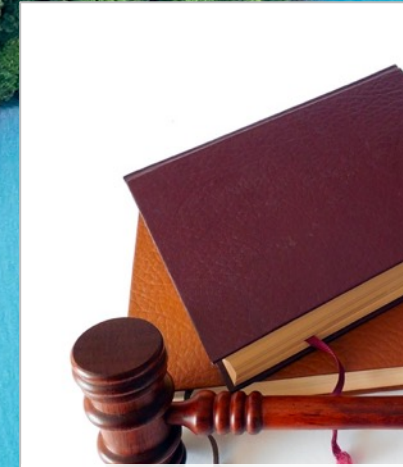
Environmental pollution



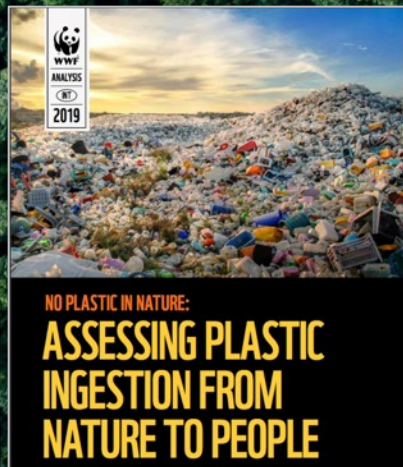
Consumer demand



Green Deal



Governmental regulations



Pressure by NGOs

New challenges – but also the potential for new markets, greener companies, better image and profits



Company commitments

Why does this require certification?

To **guarantee**:

- Sustainability and no-deforestation on farm, plantation, forest level
- Raw material identity (e.g. waste and residue vs. virgin)
- Traceability
- Correct volumes, conversion factors throughout entire value chain
- Correct use of mass balance and attribution approach
- Appropriate carbon intensity calculations

Based on that **allow credible use of**:

- Claims towards customers, end consumers and other stakeholders
- On-product ISCC logos by brand owners

ISCC certifies all kinds of raw materials*

Bio



Corn



Canola



Sugarcane



Cotton

Bio-circular



Tall Oil



UCO



Forestry residues



Straw

Circular (technical)



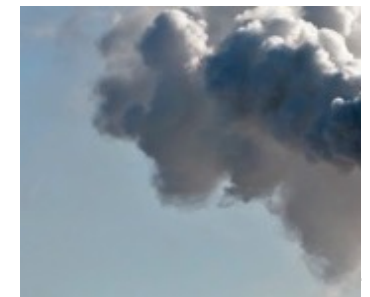
Mixed Plastic Waste



End-of-life tires



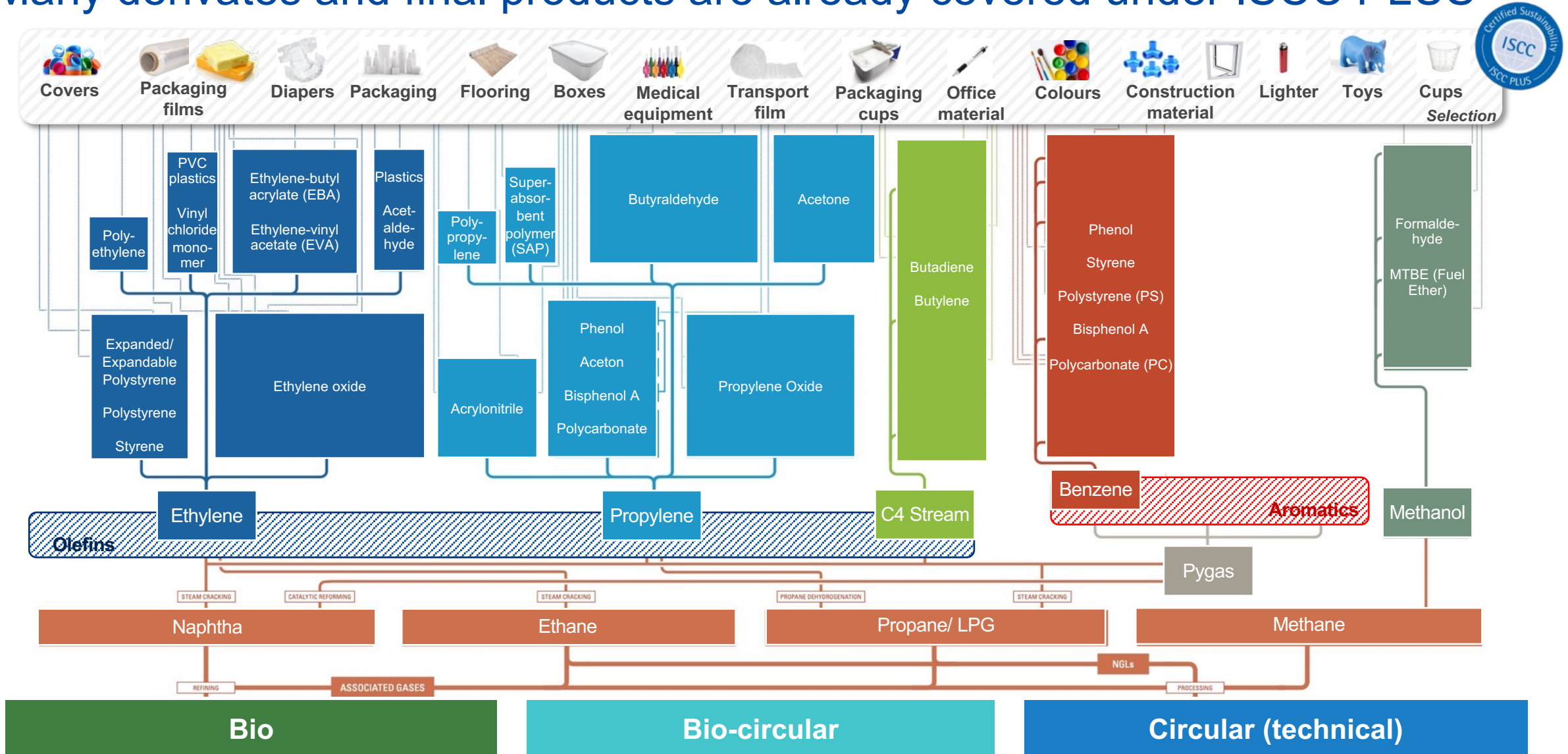
Waste textiles



CO2 (post-industrial)

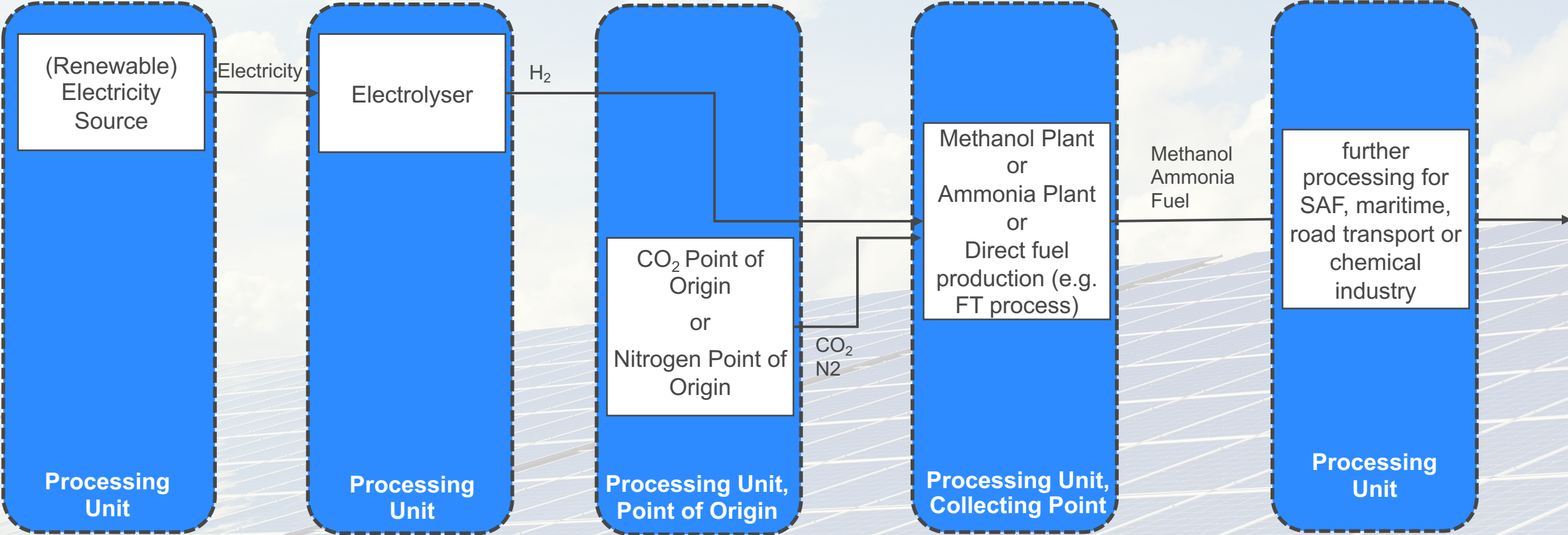
*including renewables

Many derivatives and final products are already covered under ISCC PLUS

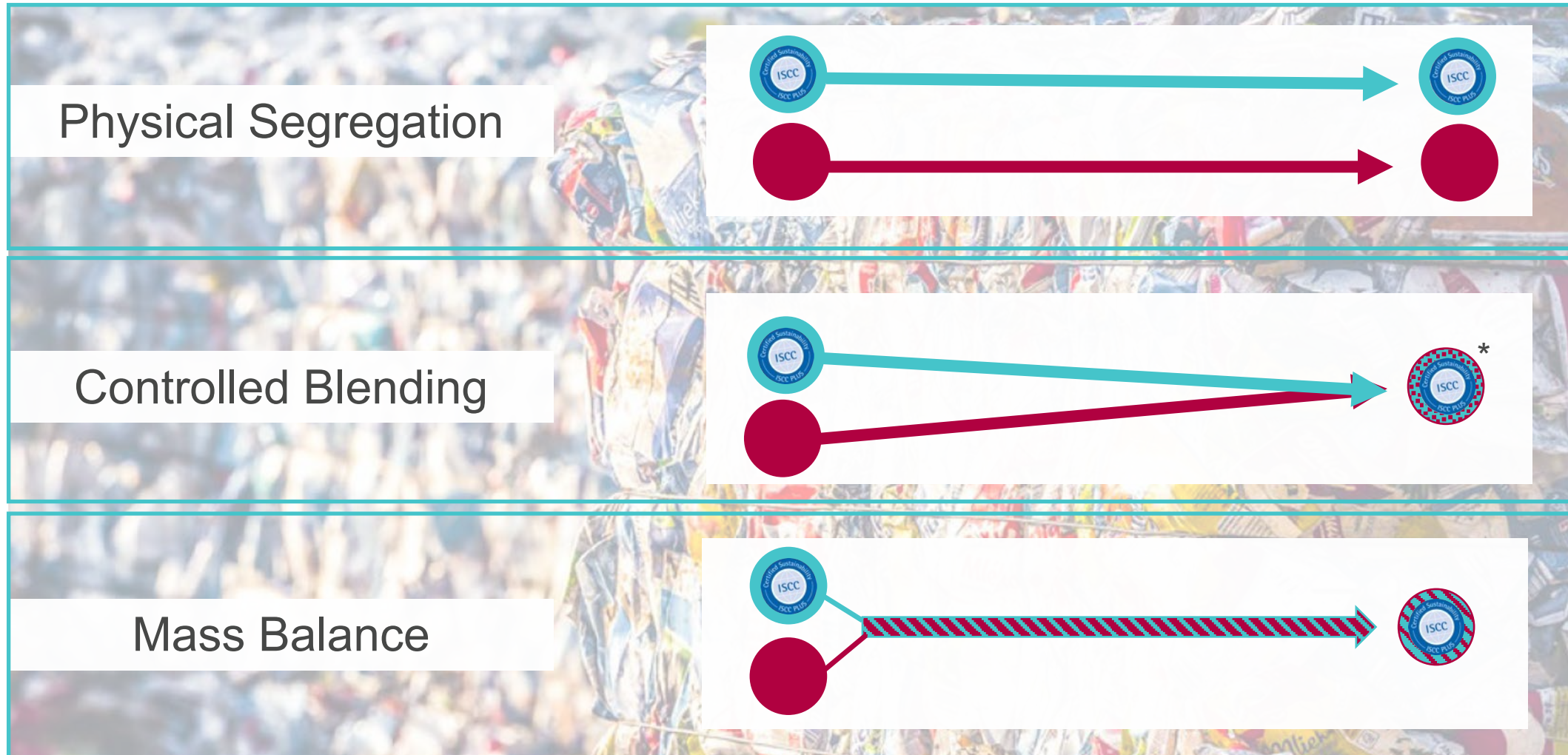


Renewable electricity, H2 and Power to X also covered under ISCC PLUS

Example



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

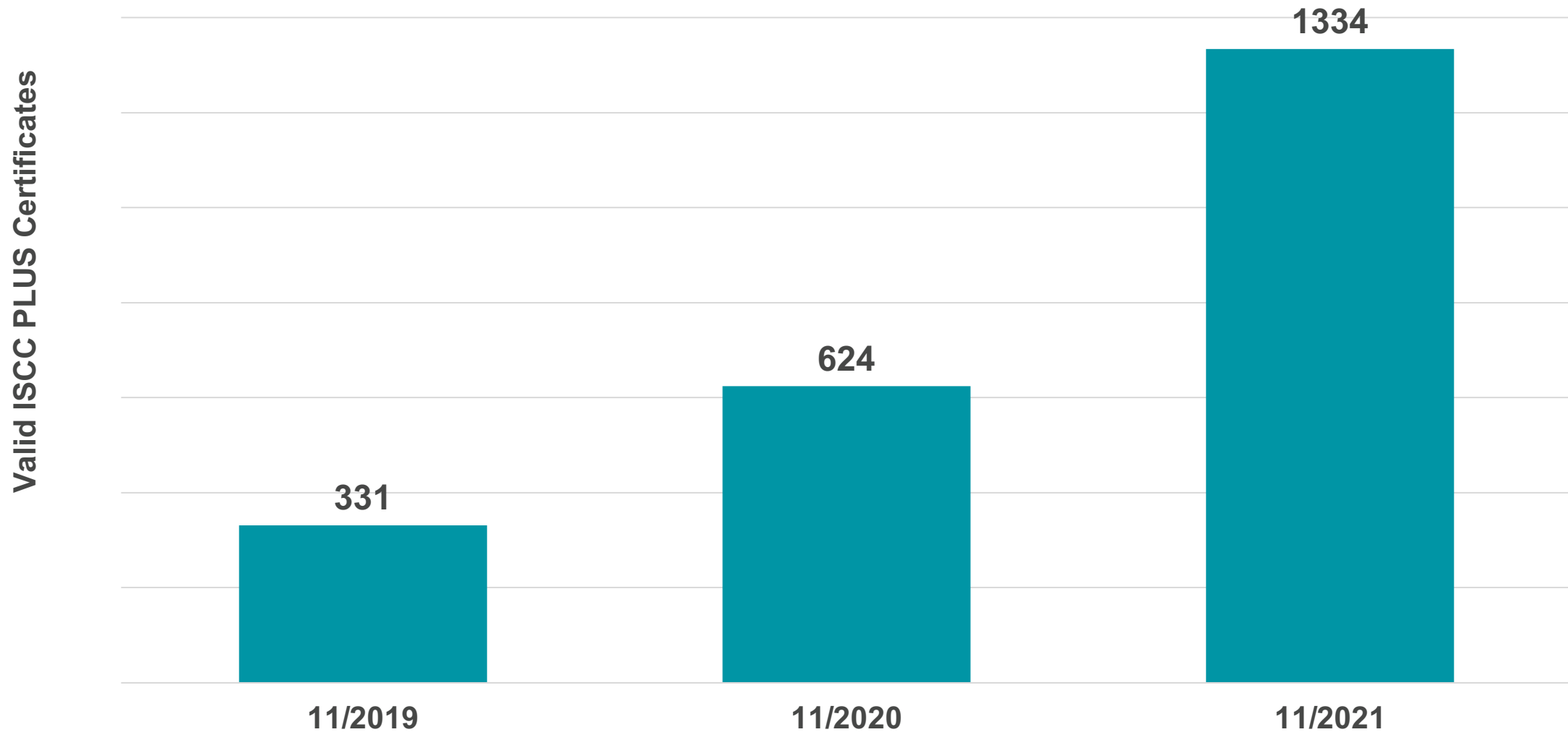


Many companies in the chemical industry, as well as brand owners rely on the credibility of the ISCC PLUS certification system

SELECTION



The number of ISCC PLUS certificates increases steadily



Note: Numbers as of 15 November 2021

ISCC Registration and Certification Process



SELECTION OF A
CERTIFICATION BODY
(CB)



REGISTRATION
AS ISCC
SYSTEM USER



AUDIT
CONDUCTED
BY THE CB



CB ISSUES THE
CERTIFICATE



INTERNAL
REVIEW BY
ISCC



ISCC
PUBLISHES
CERTIFICATE
ON WEBSITE



ISCC Technical Stakeholder Committee “Circular Economy and Bioeconomy”

- Platform to support innovative solutions in the circular economy and bioeconomy and to further develop ISCC PLUS
- Three meetings since 2020

Next meeting: 09 December 2021

- Speakers from the European Commission, Mattel, WWF, Consumer Goods Forum, ISCC and more

[More information and registration](#)

Co-Chairs



Mr Frederic Dreux (*Unilever*)



Mr Jason Pierce (*Eastman*)



ISCC PLUS Training “Circular Economy and Bioeconomy”

- Next training courses:
 - 23 - 24 November 2021
 - Q1 2022
- Comprehensive information about the ISCC PLUS certification system
- **Chain of custody options, mass balancing**, yield calculations and **attribution** approaches, overview on **logos and claims**
- Open for auditors, companies and interested parties

[More information and agenda](#)



Many thanks for your attention!

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