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# Verification of Feedstock Claims and Prevention of Double Accounting

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## Insufficient policy implementation can increase the risk of false feedstock claims and double accounting

### Feedstock:

- Non-sustainable feedstock declared as sustainable (e.g. feedstock from former no go areas)
- Wrong feedstock claim leads to wrong CI number
- Special incentives for waste/residue based biofuels (e.g. double counting, quota systems, low CI)

### **Double accounting:**

• Deliveries to a biofuel market with a sustainability claim which in reality has already been used for another market or another certification system



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## Site-specific ISCC certificates are issued by independent certification bodies upon successful audit of the site



### Advantage of site-specific certification: Instead of auditing an entire value chain each player can source sustainable material from any certificate holder

Simplified supply chain \*Voluntary individual certification possible



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## Security of feedstock claims is key for high quality certification and low carbon fuel policies

### Sustainability claims forwarded through the supply chain:

- Sustainability of the feedstock (sustainable vs. non-sustainable)
- · Waste or residue status of the feedstock
- Information on CI
- Country of feedstock origin
- Type of feedstock



Sustainable products and claims can be traced back to their origin in a step by step approach under ISCC



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# Information to be stated on the ISCC Sustainability Declaration. Verification by the auditor during the audit





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# ISCC provides procedures and tools for secure verification. Rapid adaption to innovations, market developments and risks possible

## ISCC audit procedures (Word or PDF format)

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Non-conformities are automatically counted and added to the list of non-conformities



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### For biomethane production, crops, manure and other organic wastes as well as landfill gas are relevant feedstocks



## ISCC uses audit approaches based on risk assesments. Example: Waste-based supply chain



### Risk-based audit approach: during the risk assessment a risk factor is determined that drives the audit intensity





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# A mass balance allows the physical mixing of batches while original sustainability information remain on bookkeeping basis



#### Bookkeeping

Input			Company Internal Processes*			Output			
Batch	Material	Amount (t)	Batch	Material	CF*	Batch	Material**	Amount (t)	
123	UCO	1000	123	UCO	0.89	128	Biodiesel (UCO)	890	
124	Canola Oil	1000	124	Canola oil	0.96	129	Biodiesel (canola)	960	
125	Corn Oil	1000	125	Corn oil	0.95	130	Biodiesel (corn oil)	950	
126	Animal fat	1000	126	Animal fat	0.91	131	Biodiesel (animal fat)	910	
127	Animal fat	1000	127	Animal fat	0.91	132	Biodiesel (animal fat)	910	
Total		5000				Total		4620	
* Conversion factors simplified for explanation Non sustainable material									

\*\* Denomination according the the list of materials eligible for ISCC certification



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Sustainable material

# Only independent third party certification systems can securely prevent double accounting in global low carbon fuel markets

- No double selling of sustainability/ CI number/ feedstock characteristics under
  - Multiple certification systems
  - To multiple markets
- Under ISCC this is verified in detail by auditing all sales under all schemes and to all markets



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### Conclusions

- ISCC offers a global system, operational in more than 100 countries for all types of supply chains, feedstock and liquid and gaseous fuels
- ISCC delivers a level-playing field and security for global low carbon fuels trade and use. Companies should pro-actively use ISCC to secure future low carbon feedstock and fuel supply on a global scale
- ISCC ensures prevention of double accounting, wrong feedstock/ CI claims
- ISCC has more than 10 years of experience in renewable fuels verification in global supply chains
- ISCC has been the first state-recognized certification system for sustainability, traceability and CI globally. More and more regulators and companies recognize ISCC
- ISCC is rapidly reacting to new market requirements and offers a variety of tools that simplify audits
- As a global scheme, ISCC can ensure integrity around the world



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### Many thanks for your attention!



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