



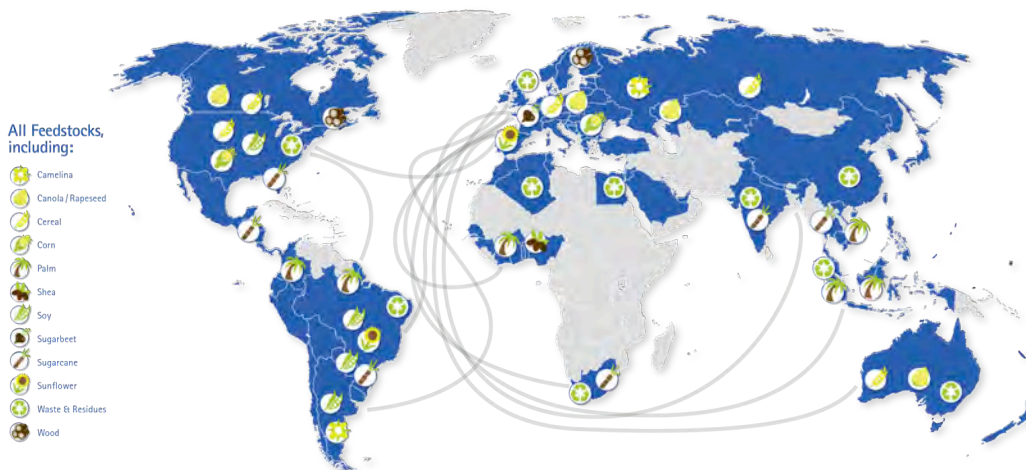
GLOBAL G.A.P. SUMMIT 2016, Amsterdam, 28th September 2016

What is ISCC's experience in certifying GHG emissions?

Lydia Pforte, , ISCC System GmbH

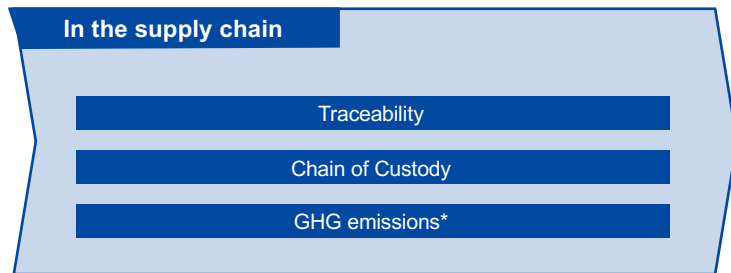
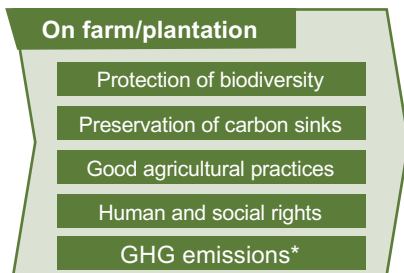
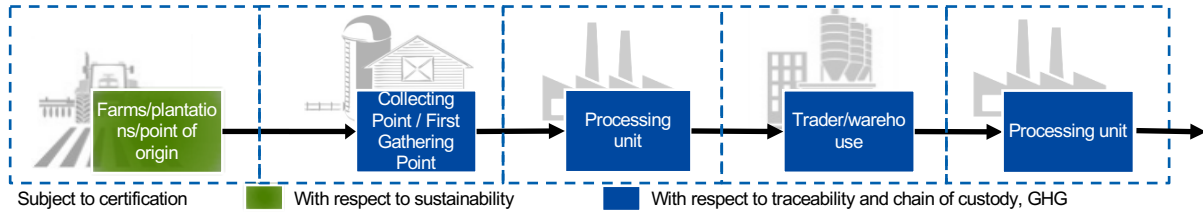


ISCC is a certification scheme for sustainability of various agricultural feedstocks used in different commodity markets around the globe





The entire ISCC system is designed to ensure sustainability and traceability along supply chains. Every supply chain element is subject to certification

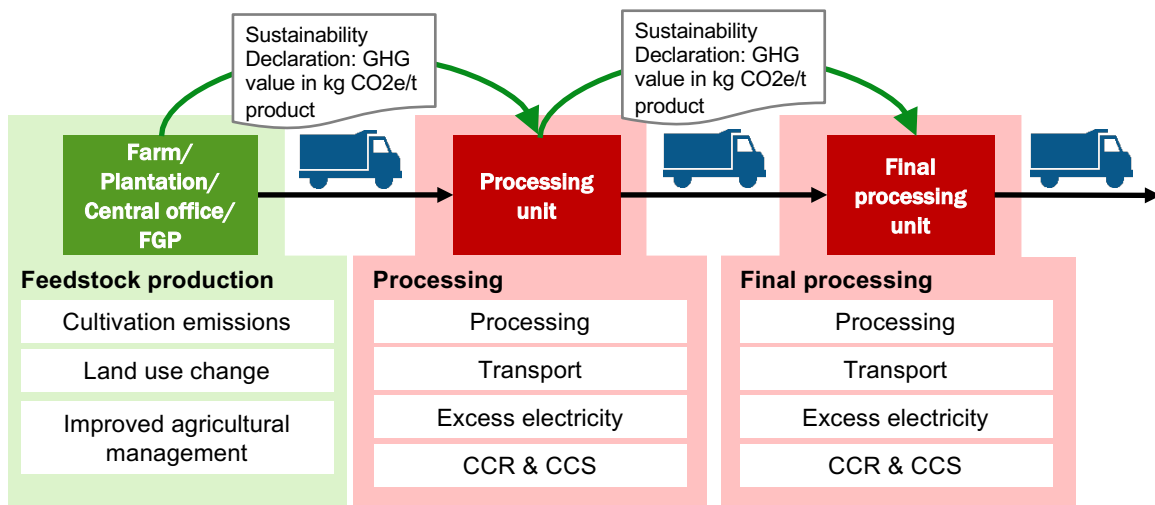


*For ISCC PLUS GHG emissions requirements are voluntary



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Every supply chain element calculates its own GHG emissions according to a recognized methodology and adds upstream GHG emissions



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Implementation and verification of GHG calculation and monitoring of GHG emissions on farm level

Example calculator

Category	Sub-category	Value	Unit
1. Inputs	Electricity	1200	kWh
	Gas	500	m ³
	Coal	100	kg
	Oil	200	kg
	Propane	150	kg
	Distillate	100	kg
	Gasoline	100	kg
	Other	100	kg
	Water	10000	m ³
	Other	100	kg
2. Emissions	CO ₂	1200	kg
	CH ₄	500	kg
	N ₂ O	100	kg
	Other	200	kg
	CO ₂ e	1500	kg
	CO ₂ e	500	kg
	CO ₂ e	100	kg
	CO ₂ e	200	kg
	CO ₂ e	100	kg
	CO ₂ e	100	kg
3. Emissions from feedstock	Feedstock	1000	kg
	Feedstock	1000	kg
	Feedstock	1000	kg
	Feedstock	1000	kg
	Feedstock	1000	kg
	Feedstock	1000	kg
	Feedstock	1000	kg
	Feedstock	1000	kg
	Feedstock	1000	kg
	Feedstock	1000	kg
4. Improved agricultural management	Improved agricultural management	1000	kg
	Improved agricultural management	1000	kg
	Improved agricultural management	1000	kg
	Improved agricultural management	1000	kg
	Improved agricultural management	1000	kg
	Improved agricultural management	1000	kg
	Improved agricultural management	1000	kg
	Improved agricultural management	1000	kg
	Improved agricultural management	1000	kg
	Improved agricultural management	1000	kg

GHG values are provided in kg CO₂e per ton of feedstock

- Based on recognized methodology
- Third party verification of methodology, calculation, data input and emission factors
- Annual update of calculation
- Calculation of GHG values for groups or certain regions possible
- Identification core impact and improvement factors
- Transparent and easy to update calculator
- Build in of GHG reduction potentials from improved agricultural management



Source: Meo Carbon Solutions

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