4th ISCC Global Sustainability Conference

ISCC PLUS: Modular approach to fulfill different requirements

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NGOs and civil society are requesting sustainable biomass production

Why Sustainable Biomass Production?

- Stop Climate Change
- Ensure Energy Security
- Halt Loss of Biodiversity
- Maintain Livelihood in Rural Areas

Soil erosion & degradation
Hazardous chemicals
Rainforest destruction
Hunger and malnutrition
Poor working conditions

Source: WWF, March 2010 and May 2012
Consumers are increasingly unwilling to accept products of unsustainable or questionable origin
Leading companies have responded to public demand and developed company-specific sustainability requirements ...
... leading companies have also set up initiatives for developing common market segment-specific sustainability principles and criteria
The challenge: How can sustainability principles and criteria be applied in real supply chains – voluntary systems represent a balanced solution.

Voluntary

- Contractual agreement
  - Sustainability requirements as supplement to contractual terms and conditions
  - Compliance and verification quality subject for discussion

- Voluntary certification system
  - Sustainability requirements defined by an independent certification scheme
  - Verification by an independent and accredited certification body

Mandatory

- Legal obligation
  - Sustainability requirements defined by law/regulation
  - Does normally only reflect minimum requirements as based on a political compromise

Cost

- One level playing field

Credibility

- Impact and cost

Cost

- Credibility

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Voluntary sustainability certification systems are meanwhile well established – not all of them can be applied to all uses and geographies.

- **ISCC**: Applicable for all kinds of biomass and uses.
- **RTRS**: Applicable only for soy based supply chains.
- **RSPO**: Applicable only for palm based supply chains.
- **RSB**: Applicable for all kinds of biomass and uses.
- **Bonsucro**: Applicable only for sugar cane based supply chains.
- **RedCert**: Applicable for all kinds of biomass for biofuels and Europe only.
Credibility and performance of certification systems may differ significantly – orientation can be provided by serious benchmarking studies

FAO Benchmarking Study

WWF Benchmarking Study

WWF: „According to the WWF analysis the best performing certification system was RSB (Round Table on Sustainable Biomaterials), closely followed by ISCC and the Round Tables on Sustainable Palm (RSPO) and Soy (RTRS)“
ISCC PLUS is already used by many industry segments for proving compliance with sustainability requirements.
ISCC PLUS provides a flexible and modular approach for any sustainable supply chain – users can benefit from a worldwide certified supply base

- Potential users intending to build up sustainable supply chains benefit from an already ISCC certified supply base
- ISCC certification can be customized to B2B customers needs by applying ISCC voluntary add-on modules (with e.g. specific focus on biodiversity, water, chemicals, greenhouse gas emissions, chain of custody requirements)
- ISCC system users benefit from the flexible set up, i.e. they can buy from any certified supplier
- ISCC users can issue claims regarding the specific features of their certified product (sustainability, bio-based etc.)
Specific customer needs are satisfied by a modular approach – voluntary add-ons can be chosen in addition to the core requirements of ISCC

ISCC PLUS

**Products**

All kinds of biomass for food, feed, bioplastics etc. products

**Core requirements**

- Sustainability criteria on farm level
- GHG emissions on farm level
- Chain of Custody requirements
  - Traceability
  - Quantity bookkeeping
- Quality management

**Voluntary Add-ons**

- Environmental management and biodiversity (202-01)
- Classified chemicals (202-02)
- GHG emission requirements downstream farm level (205-01)
- Consumables of a production process (205-02)
- Under development: Non-GMO
ISCC PLUS add-on 202-01 enables continuous improvement within four sustainability categories – as requested by a leading food company.
Sustainable food supply chains – certification enables conversion units not only to meet customer needs but also to deliver to other market segments

Farms → First gathering point → Oil mill

- Crude vegetable oil
- Animal feed

Oil mill → Refinery

- Refined vegetable oil
- Olein
- Stearin

Refinery → Food producer

Food producer requirements

ISCC PLUS 202 V2.0 with 202-01 & 202-02.

Suppliers are obliged to deliver on the relevant SAC metrics

Global for all Arable Commodity crops

Source: Unilever Sustainable Sourcing
ISCC provides a straightforward process to become certified – at moderate costs and within a reasonable timeframe

**Five reasons for getting certified now**

- Straightforward 4 step process to get certified
- Support by ISCC and more than 26 certification bodies worldwide
- Strong ISCC certified supply base globally available
- Certification possible within a few months
- Moderate costs depending on role within the supply chain, size and complexity of the operation (costs range in general from 0.2 Euro per ton to 0.8 Euro per ton)
Thank you 😊

Become part of the ISCC family.
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