ISCC Update

Andreas Feige, Managing Director, ISCC System GmbH
ISCC is constantly enlarging the global footprint for all types of agricultural, forestry and alternative raw materials and products.
ISCC is a multi-stakeholder initiative. It is governed by an association with 90 members. New members are welcome.
ISCC cooperates with 32 certification bodies from 16 countries to conduct the audits for ISCC certification.
363 of the currently valid 3,100 ISCC certificates have been issued for Indonesia and Malaysia

Numbers as of 19 October 2017. Numbers based on currently valid certificates.
**ISCC in Indonesia: 217 certificates are valid, palm is the dominating raw material**

All 217 certificates issued under ISCC EU

- **Palm**: 91%
- **UCO**: 5%
- **Spent Bleaching Earth**: 4%

**Information on raw materials as indicated on certificates**

**Type of operation** | **Certificates**
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Plantation | 16
Central Office | 21
First Gathering Point | 81
Collecting Point | 22
Oil Mill | 112
Refinery | 34
Biodiesel Plant | 6
Trader, Storage | 45

Numbers as of 19 October 2017. Each certificate may be issued for more than one product and type of operation.

* No (raw) materials are indicated on certificates only issued for trader and/or storage

**Palm includes all materials based on palm, e.g. FFB, CPO, Pome, Palm Sludge Oil, PFAD etc.
ISCC in Malaysia: 146 certificates are valid, palm is the dominating raw material, and 14% ISCC PLUS certificates

Information on raw materials as indicated on certificates*

<table>
<thead>
<tr>
<th>Type of operation</th>
<th>Certificates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central Office</td>
<td>5</td>
</tr>
<tr>
<td>First Gathering Point</td>
<td>73</td>
</tr>
<tr>
<td>Collecting Point</td>
<td>18</td>
</tr>
<tr>
<td>Oil Mill</td>
<td>80</td>
</tr>
<tr>
<td>Refinery</td>
<td>21</td>
</tr>
<tr>
<td>Biodiesel Plant</td>
<td>16</td>
</tr>
<tr>
<td>Trader, Storage</td>
<td>41</td>
</tr>
</tbody>
</table>

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** Palm includes all materials based on palm, e.g. FFB, CPO, Pome, Palm Sludge Oil, PFAD etc.
ISCC is a one stop shop for all crops and markets, and is compliant with many important platforms and industry standards.

With ISCC, only one audit is required to cover all markets!
ISCC certified palm oil mills can sell material to the food industry worldwide as equivalent to SAI FSA

ISCC Certification

= FSA 2.0 Silver

ISCC Compliant products can be sold as “Equivalent to FSA 2.0 Silver”

ISCC Certification incl. Add-on SAI Platform Gold

= FSA 2.0 Gold Level

ISCC Compliant products incl. add-on SAI Platform Gold can be sold as “Equivalent to FSA 2.0 Gold Level”
Example of on-product label for final products (I) – ISCC certified sugar
Example of on-product label for final products (II) – ISCC certified vegetable oil

“This bottle of Venusz edible oil has ISCC PLUS certification. The required quantity of sustainable sunflower seed is certified according to the ISCC PLUS International Sustainability Standards. We are tracking the certified supply chain, and are monitoring the emission of greenhouse gases.”
Example of on-product labels for Drop-In solutions for partly biobased products

Arla: ISCC Logo on milk cartons

Arla is using PurePak® from Elopak. Milk cartons with ISCC logo available in Denmark
Example for explanation of certification approach on website – ISCC Logo for bio-based products and packaging

- ISCC certified company Elopak produces beverage cartons featuring renewable PE
- Elopak uses the ISCC Logo on the website and in Environmental Reports
- In the report, Elopak makes the following claim:

  “Contributing to responsible sourcing of bio-based materials in a mass balance system”
Food security is a topic with increasing importance – Specific and verifiable criteria have to be developed and implemented (II)

- 2017: ISCC is partner of FSS Project by WWF, ZEF and Welthungerhilfe
- Follow up project of the study of food security principles for biomass certification
- Objectives:
  - Implementation, testing and complementation of food security criteria
  - Field testing phase in food insecure regions
  - Pilot audits planned in Bolivia and Guatemala (conducted with ISCC)
- Results from this project could be implemented in ISCC certification standard
ISCC has launched APS (Audit Procedure System) - An electronic tool to facilitate the certification process

**APS**

- … is an electronic tool facilitating the certification process
- …provides an intelligent and efficient way of conducting audits
- …simplifies the audit preparation
Public Summary Audit Report is important measure to enhance ISCC’s transparency

- Important measure to **enhance the transparency** of ISCC
- **Implementation for all audits conducted as of 16 October 2017**
- Development of the report template* in a **multi-stakeholder process** by the “Working Group Transparency” in the framework of the ISCC Association
- Report shall provide an overview of all relevant aspects and results of an audit
  - **No confidential/ business sensitive information** shall be included
- Template was available for **public consultation** in spring 2017
- With the APS tool the Summary Audit Report can be generated automatically (no additional effort)
- Mandatory **publication of all reports** on the ISCC website
- A **re-assessment** of the report template in autumn 2018

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* Report template is available as download on the ISCC website
Alternative jet-fuels are considered as a major means to reduce emissions in the aviation sector

**Policy framework**

- RED amendment opens up the opportunity for a voluntary opt-in of sustainable aviation fuels to fulfil member states’ obligations
- RED II contains the option for a dedicated incorporation obligation for aviation renewable fuels
- ICAO is working on a globally applicable set of sustainability criteria to be used for CORSIA, the Carbon Offsetting Scheme for International Aviation

**ISCC activities in the aviation sector**

- ISCC has been recognised by aireg since 2014
- ISCC is currently participating in a demo project at the Leipzig Airport
  - Topic: Documentation and crediting of different kerosene and multi-blend applications
  - Adjustment of sustainability certification schemes to cover aviation specific requirements
- ISCC is member of the EU delegation to ICAO / CORSIA / AFTF working group
ISCC supports the Sustainable Development Goals and Paris Cop21

ISCC PRINCIPLE 1 & 2: Protection of land with high biodiversity value or high carbon stock. Production in an environmentally responsible way including the protection of soil, water and air:

ISCC PRINCIPLE 3: Safe working conditions:

ISCC PRINCIPLE 4: Human rights, labour rights and land rights:

Governments agreed:

- A long-term goal of keeping the increase in global average temperature to well below 2°C above pre-industrial levels

- To aim to limit the increase to 1.5°C, since this would significantly reduce risks and the impacts of climate change

- On the need for global emissions to peak as soon as possible, recognising that this will take longer for developing countries

- To undertake rapid reductions thereafter in accordance with the best available science

GHG requirements already implemented in ISCC. Detailed methodology for international supply chains in place
ISCC is member of the United Nations Global Compact initiative

- World’s leading corporate sustainability initiative with more than 12,000 corporate participants and other stakeholders based in more than 160 countries
- Participants agreed on two objectives:
  - Integrate ten UN universal principles in the areas of human rights, labour, environment and anti-corruption in business activity around the world, and
  - Catalyse actions in support of broader UN goals, such as the Millennium Development Goals (MDGs) and Sustainable Development Goals (SDGs)
- ISCC offers knowledge and support to platforms and special workstreams; promotes partnerships projects; engages with stakeholders and support companies in engaging and implementing the UN Global Compact sustainability efforts
Many thanks for your attention!