Creating a better world with ISCC certification
Climate change and environmental concerns pose the number one risk for companies’ growth!

*2019 Global CEO Outlook (KPMG)*
We take responsibility to protect the beauty and diversity of our nature and wildlife!
We fight to preserve our natural carbon sinks ...
... and care about our fellow humans and creatures.
ISCC is a multi-feedstock standard applied in more than 100 countries
All kinds of agricultural and forestry feedstocks can be certified under ISCC

- Soy
- Canola
- Palm
- Sunflower
- Cereals
- Corn
- Sugarcane
- Sugarbeet
- Wood
- Cotton
- Shea Nuts
- Camelina
ISCC is also a leading certification system for waste and residues as well as non-bio feedstocks

<table>
<thead>
<tr>
<th>Waste and processing residues</th>
<th>Renewable non-bio feedstocks</th>
<th>Forestry / agricultural crop residue</th>
</tr>
</thead>
<tbody>
<tr>
<td>UCO</td>
<td>Power-to-Gas</td>
<td>Forestry residue</td>
</tr>
<tr>
<td>Landfill gas</td>
<td>Power-to-Liquid</td>
<td></td>
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<tr>
<td>Tall oil</td>
<td>CO2</td>
<td>Husks</td>
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<tr>
<td>End-of-life tires</td>
<td></td>
<td>Straw</td>
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<tr>
<td>Municipal solid waste</td>
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<tr>
<td>Crude glycerine</td>
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</tbody>
</table>
ISCC certification can be applied in all markets

- **Industrial applications**
- **Energy**
- **Feed**
- **Food**
ISCC certification provides full traceability along the supply chain
ISCC supports companies to measure and reduce their carbon footprint by providing comprehensive GHG methodologies and tools.
ISCC principles – a balanced set of ecological and social criteria

**Principle 1:** Protection of biodiverse and carbon rich areas

**Principle 2:** Good Agricultural Practice

**Principle 3:** Safe Working Conditions

**Principle 4:** Compliance with Human, Labour and Land rights

**Principle 5:** Compliance with Laws and International Treaties

**Principle 6:** Good Management Practices and Continuous Improvement
Biodiverse and carbon rich areas are protected under ISCC. Land use change in or after January 2008 is not allowed.

Primary forests and other wooded land

Forested areas

Designated nature protection areas

Highly biodiverse grassland

Wetland

Peatland
Also social criteria are very important within ISCC. ISCC requirements address many topics to protect human and labor rights

- Access to primary school education
- No forced labour & no discrimination
- Only competent and non-vulnerable workers do hazardous work
- Adequate training
- Payment of a minimum wage
- Labour organisation and collective bargaining are allowed
8 good reasons why you should choose ISCC

# 1 We are recognized by global initiatives and brand owners
# 2 We perform outstandingly well in benchmarks
# 3 We provide solutions for individual customer demands
# 4 We do not accept compensation for deforestation
# 5 We cover bio-based and recycled feedstocks
# 6 We use innovative tools for credible and efficient audits
# 7 We “never stop looking and watching” in the ISCC Integrity Programme
# 8 We are a living multi stakeholder initiative
ISCC is recognized by different Governments, important voluntary initiatives of brand owners and individual companies

<table>
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<tr>
<th>Energy</th>
<th>Industrial Applications</th>
<th>Food</th>
<th>Feed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Renewable Energy Directive (RED) and Fuel Quality Directive (FQD) of the European Union</td>
<td>Der Blaue Engel</td>
<td>Sustainable Agriculture Initiative (SAI) Platform</td>
<td>ISCC in line with FEFAC Soy Sourcing Guidelines</td>
</tr>
<tr>
<td>Japanese Government</td>
<td>Textile Exchange’s “2025 Sustainable Cotton Challenge”</td>
<td>Coca Cola’s Sustainable Agriculture Guiding Principles</td>
<td>Soy Network Switzerland</td>
</tr>
<tr>
<td>Liquid Fuel Supply Regulation of Queensland</td>
<td>Sustainable supply of raw materials for the industrial use of biomass (INRO)</td>
<td>Retailers’ Soy Group (RSG) requirements for responsible soy of the Consumer Goods Forum</td>
<td>Soy sourcing supply chains of Mars petcare</td>
</tr>
<tr>
<td>Participation in CORSIA for sustainable alternative jet fuels</td>
<td>Green Deal, sustainability criteria for biobased polymer products</td>
<td>Unilever Sustainable Agricultural code</td>
<td>Soy sourcing supply chains of ADM</td>
</tr>
<tr>
<td>AIREG – Aviation for renewable energy in Germany</td>
<td></td>
<td>Diageo’s Sustainable Agricultural Sourcing Requirements</td>
<td>Others</td>
</tr>
</tbody>
</table>

Examples

- Responsible sourcing practices in areas that are exposed to high risk of deforestation

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Example SAI compliance: ISCC certified companies fulfill sustainability requirements of important customers in the food sector

SAI Platform members (active and affiliate)
# 2 We perform outstandingly well in benchmarks

The International Trade Centre (ITC), a joint agency of the United Nations (UN) and the World Trade Organization, has developed the Sustainability Map, an online platform to enable any interested party to explore and compare voluntary sustainability standards.

Source: ITC Sustainability Map (as of June 2018)
#3 Our system can be adopted to specific customer requirements by using the voluntary ISCC add-ons

- Environmental Management and Biodiversity
- Classified Chemicals
- Consumables
- SAI Gold
- GHG Emissions
- Non GMO Food Feed
- Non GMO Technical Markets
- Electricity and Heat from Biogas Plants
# 4 We do not accept compensation for deforestation

With ISCC deforestation and the conversion of biodiverse grasslands after the cut off date January 2008 is not allowed!

ISCC Principle 1 does not allow compensation for deforestation.
# 5 We cover bio-based and recycled feedstocks
# 6 We develop and use innovative tools such as GRAS, a remote sensing tool to support identification of deforestation.

With GRAS (www.gras-system.org) we can analyze deforestation and grassland conversion and ensure a more credible, effective and less costly certification!
GRAS provides information about biodiverse and indigenous areas for sustainability audits

Map of Brazil indicating indigenous areas

Map of Brazil indicating high biodiversity and high carbon areas
We monitor with our own independent auditors the compliance of our certification bodies and system users based on random and risk-based selection. This ensures consistent, objective and reliable audits and preserves the high credibility and quality of our system.
#8 We are a living multi-stakeholder initiative organised in an association with 128 members

*As of 28 October 2019*
ISCC puts major emphasis on a regular and regional stakeholder dialogue

Regional Stakeholder Committee North America
Since 2012

Regional Stakeholder Committee Latin America
Since 2010

Global Events
Since 2011

Technical Committee on Solid Biomass
Since 2011

Regional Stakeholder Committee Europe
Since 2010

Regional Stakeholder Committee Southeast Asia
Since 2013

Technical Committee on Waste, Residues and Advanced Low Carbon Fuels
Since 2018
Several NGOs and research organizations are ISCC members contributing to the further development of the scheme

<table>
<thead>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>WWF Germany</strong></td>
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<tr>
<td>„A Standard for the standard“</td>
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<tr>
<td>Pilot ISCC PLUS</td>
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<td>Certified WWF-panda key chain</td>
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<td>Project on Food markets</td>
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<tr>
<td>IKI land use change project</td>
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<tr>
<td>Food security project</td>
</tr>
</tbody>
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ISCC is partner of the Food Security Standard (FSS) Project by WWF, Welthungerhilfe and Center for Development Research

Human Right to Adequate Food as a new building block for sustainability standards
Practicable and measurable food security criteria
Pilot tests and feedback to the project, the developed standard and checklist by ISCC, its system users and auditors

www.iscc-system.org/about/food-security/
Strong increase in ISCC PLUS certification and on-product claims
“With ISCC we have set ourselves apart as an example to our community, as the leaders in environmental and human rights protection.”

Cristóbal Roda Vaca, Aguaí, Bolivia
Well over a thousand Canadian growers are now ISCC certified confirming that Canadian growers and processors meet ISCC’s stringent global sustainability standards. ISCC has proven to be a robust, effective certification system for sustainability.

Samara Hutton, Manager, The Canola Council of Canada, Canada
We support ISCC as it is a solid system already integrating social security issues and promoting the further inclusion of food security aspects.

Dr Rafael Schneider, Deutsche Welthungerhilfe, Germany
ISCC supports the UN 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:

- SDG7 Affordable and clean energy
- SDG13 Climate Action
- SDG14 Life below water
- SDG15 Life on land

ISCC PRINCIPLE 3: Safe working conditions:

- SDG3 Good health and well-being
- SDG6 Clean water and sanitation

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

- SDG1 No poverty
- SDG2 Zero hunger
- SDG4 Quality Education
- SDG5 Gender equality

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 are already implemented in ISCC. Detailed methodology for international supply chains in place
We take responsibility to protect our environment and the climate!
What about you?
Join us in our journey today and be part of the change!

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