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 Feedstocks, including:
- Camelina
- Canola / Rapeseed
- Cereal
- Corn
- Cotton
- Palm
- Shea
- Soy
- Sugarbeet
- Sugarcane
- Sunflower
- Waste & Residues
- Wood
- Mixed Plastic Waste

All Markets:
- Food
- Feed
- Energy
- Industrial applications
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

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<th>Waste and processing residues</th>
<th>Renewable non-bio feedstocks</th>
<th>Forestry / agricultural crop residue</th>
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<td>UCO</td>
<td>Power-to-Gas</td>
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<td>Landfill gas</td>
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<td>Tall oil</td>
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<td>Municipal solid waste</td>
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<td>End-of-life tires</td>
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<td>Crude glycerine</td>
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<tr>
<td>Straws</td>
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<td>Forestry / agricultural crop</td>
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<tr>
<td>residue</td>
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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

Examples

Principle 4
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 recognised by different Governments, important voluntary initiatives of brand owners and individual companies

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<td>Sustainable Agriculture Initiative (SAI) Platform</td>
<td>ISCC in line with FEFAC Soy Sourcing Guidelines</td>
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<td>Japanese Government</td>
<td>Textile Exchange’s “2025 Sustainable Cotton Challenge”</td>
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<td>Liquid Fuel Supply Regulation of Queensland</td>
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<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>
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<td>AIREG – Aviation for renewable energy in Germany</td>
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<td>Diageo’s Sustainable Agricultural Sourcing Requirements</td>
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**Examples**

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

## Bio-based economy

## Circular economy

Examples
# 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
# 7 We „watch the watchmen“ – ISCC Integrity Program

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 138 members
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
- **Regional Stakeholder Committee Europe** Since 2010
- **Regional Stakeholder Committee Southeast Asia** Since 2013
- **Global Events** Since 2011
- **Technical Committee on Solid Biomass** Since 2011
- **Technical Committee “Waste, Residues and Advanced Low Carbon Fuels”** Since 2018
- **NEW in 2020:** Technical Committee “Circular Economy and Bioeconomy”
  - **Date:** 04 June 2020
  - **Place:** Cologne
Several NGOs and research organizations are ISCC members contributing to the further development of the scheme

**ISCC Members**

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<td>Certified WWF-panda key chain</td>
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<td>University of Illinois at</td>
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<td>Chicago, United States</td>
<td>GHG emission calculations</td>
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<td>Analysis of grassland to cropland conversion in the Prairies</td>
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<td>High iLUC risk</td>
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<td>Carbon recycling</td>
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<td>ISCC supports their network “bioeconomy”</td>
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<td>Continuous dialogue on GHG calculations</td>
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<td>Monitoring of the bioeconomy</td>
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ISCC is partner of the Food Security Standard (FSS) Project by WWF, Welthungerhilfe and Center for Development Research

FSS | PROJECT

- 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/

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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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