



Benefits of ISCC Certification for Enterprises and Impact for Environment, Climate and Society

Dr Norbert Schmitz, Managing Director, ISCC System GmbH
ISCC Regional Stakeholder Dialogue Latin America
Antigua, Guatemala, 21 January 2020

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ISCC Regional Stakeholder Dialogue Latin America

21 January 2020

Content:

New Regulations in EU and Latin America

Market Requirements

Success Stories and Innovative Tools

Stakeholder Discussions



ISCC Regional Stakeholder Dialogue Latin America

AGENDA

21 January 2020

Hotel Museo Casa Santo Domingo
3a Calle Oriente 28 A, Antigua, Guatemala

Time	Topic	Who
08.30 – 09.00 am	Registration and Welcome Coffee	
09.00 – 09.15 am	Welcome Addresses	Alejandra Rueda, NES Naturaleza, ISCC Chair Latin America, Dr Norbert Schmitz, Managing Director, ISCC, Germany
09.15 – 09.30 am	Benefits of ISCC Certification for Enterprises and Impact for Environment, Climate and Society	Dr Norbert Schmitz, Managing Director, ISCC, Germany

Regulatory Framework in the EU and Latin America		
09.30 – 09.45 am	No Deforestation Commitment of the Palm Oil Sector in Guatemala	José Santiago Molina, President, Grepalma, Guatemala
09.45 – 10.00 am	Sustainability Challenges in the Sugar Cane Sector in Central America	Juan Carlos Fernandez, Executive Director, Central American Sugar Association, Guatemala
10.00 – 10.15 am	New Regulative Framework in the EU (RED II) – Opportunities for Latin America	Dr Jan Henke, Director, Meo Carbon Solutions, Germany
10.15 – 10.30 am	Carbon Inventories and Carbon Footprint of the Sugar Industry	Alex Guerra, General Director, Private Institute for Climate Change Research, Guatemala
10.30 – 10.45 am	Policy Framework and Innovations in the Sugar Industry	María Silvia Pineda, CSR & Sustainability, Association of Sugar Producers, Guatemala
10.45 – 11.00 am	Low ILUC CPO – Concept and Practical Approach for Verification	Alejandra Rueda, Director, NES Naturaleza, Colombia
11.00 – 11.30 am	Coffee Break and Networking	

Market Requirements

11.30 – 11.45 am	Sustainability and Carbon Emissions Requirements within International Markets	Jennifer Jimenez, Trader Ethanol and Molasses, Pantaleon, Guatemala
11.45 – 12.00 pm	Sustainable Development in the Palm Industry	Karen Rosales, Executive Director, Grepalma, Guatemala
12.00 – 12.15 pm	Sustainability Commitment in Honduras	Erlin Geovany Benavides Pineda, Sustainability Coordinator, Palmasa, Honduras
12.15 – 12.30 pm	The role of Certification to Fulfil Sustainability Requirements – the View of an NGO	Rafael Rodriguez, Climat Change Expert, IUCN, Guatemala
12.30 – 12.45 pm	Latin America Market Perspective Along the Supply Chain	Juan Carlos Bastidas, Group Lead Sustainability, Palmeiras, Colombia
12.45 – 01.45 pm	<i>Lunch Break</i>	

Success Stories and Innovations

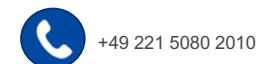
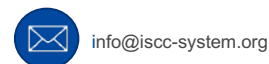
01.45 – 02.00 pm	Benefits of Certification for the Rum Industry in Guatemala	Maria Mercedes Sanchez, Industrias Licoreras de Guatemala, Guatemala
02.00 – 02.15 pm	The Real Case of Continuous Improvement of Sustainable Practices	Carlos Chinchilla, Sustainability Director, Aceites, Colombia
02.15 – 02.30 pm	Social Responsibility in the Palm Oil Sector	Héctor Herrera, Sustainability Manager, NaturAceites, Guatemala
02.30 – 02.45 pm	Reduction of Environmental Discharges, Opportunities Identification for Optimization and Productivity	Alejandro Chacon, Corporate Manager Environmental Issues, Olmeca, Guatemala
02.45 – 03.00 pm	GHG Performance of Sugar Mills	Juan Luis Gomez, Executive Director, Ingenio Tulula, Guatemala
03.00 – 03.15 pm	Climate Change Impacts on Sugar Cane in Latin America	Jennifer Wiegel, Country Manager Sustainable Food Systems, CIAT, Nicaragua

03.15 – 03.45 pm	<i>Coffee Break and Networking</i>	
03.45 – 04.00 pm	Application of ISCC Certification for Different Markets	Jose Romeo de Leon Arribas, Director Comercial, Productos Bioenergéticos, Guatemala
04.00 – 04.15 pm	ISCC Solutions for the Circular and Bio-Based Economy	Dr Jan Henke, Director, Meo Carbon Solutions, Germany
04.15 – 04.30 pm	Certification Support with Global Risk Assessment Services (GRAS)	Dr Norbert Schmitz, Managing Director, ISCC, Germany

Stakeholder Discussions

04.30 – 05.00 pm	Feedback from Stakeholders in Latin America and Next Steps for the Committee	All
from 05.00 pm	<i>Networking Reception</i>	

Contact ISCC



Or visit us on





01

Recent Sustainability Market Developments

02

ISCC Impact: Facts & Figures

03

Benefits of an ISCC Certification

Consumers demand traceable and sustainable global supply chains, institutions and companies have to react



„Climate change and environmental concerns pose the number one risk for companies' growth!“

„8 out of 10 consumers aim to make more sustainable consumption decisions!“

Sources: Company websites



Global brand owners communicate their efforts to contribute to the bio-based and circular economy

Selection



“Coca-Cola HBC increased the percentage of sustainably sourced sweeteners to 65% and juices to 35% by the end of 2018.”



*Ensure traceability of palm oil and palm kernel oil to our supplier mills by December 31, 2015 and to **plantations by 2020** to ensure zero deforestation in our palm oil supply chain, with a commitment to working with small farmers.*



*“As of March 2019, the company reported that **77 percent** of its palm oil, pulp and paper, soy, and meat was verified as deforestation-free, up from 63 percent in 2018.”*



*„Our Sustainable Palm Oil Sourcing drives our efforts to transform the palm oil industry. (...) we brought forward our target of **100% physically certified palm oil and its derivatives for our core volumes from 2020 to 2019.**“*



The European Green Deal offers new opportunities

- **European Green Deal** (communicated December 2019)
 - Sets out how to make Europe the first climate-neutral continent by 2050
 - Sets out how to cut emissions, restore the health of natural environment, protect wildlife, create new economic opportunities and improve the quality of life
 - During 2020/2021 further regulative frameworks and action plans will follow

Key statements:

- Reliable, comparable and verifiable information plays an important part in enabling **buyers to make more sustainable decisions**
- The *Farm to Fork Strategy* will strengthen the EU's efforts to tackle **climate change, protect the environment and preserve biodiversity**
- Measures such as eco-schemes should **reward farmers for improved environmental and climate performance**
- Increased level of ambition to **reduce significantly the use and risk of chemical pesticides, as well as the use of fertilizers and antibiotics**

→ **ISCC supports many topics of the Green Deal!**



Source: https://ec.europa.eu/info/sites/info/files/european-green-deal-communication_en.pdf

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Almost 4,000 companies in more than 100 countries proof the credibility and global acceptance of the ISCC scheme

All Feedstocks, including:

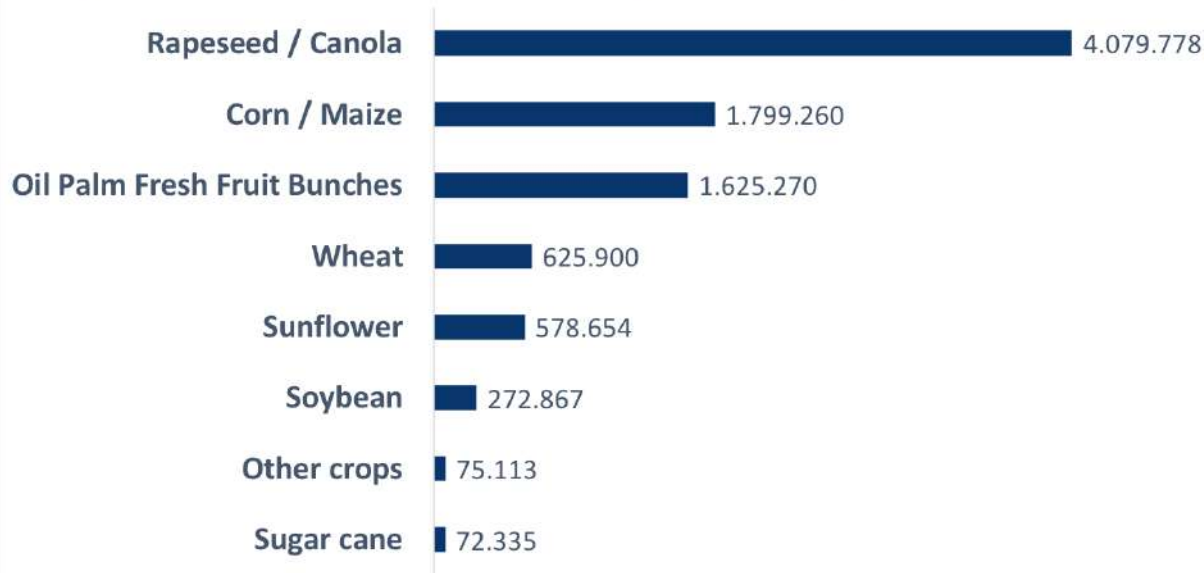
- Camelina
- Canola / Rapeseed
- Cereal
- Corn
- Cotton
- Palm
- Shea
- Soy
- Sugarbeet
- Sugarcane
- Sunflower
- Waste & Residues
- Wood



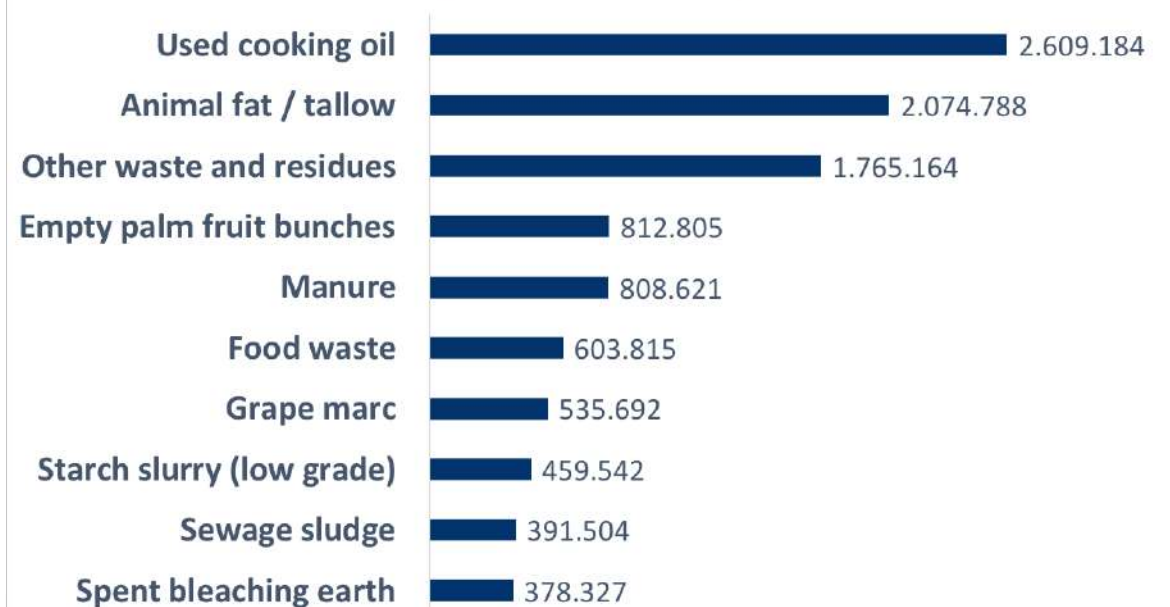
Crops with largest certified cultivation area and amounts of certified waste/residues materials



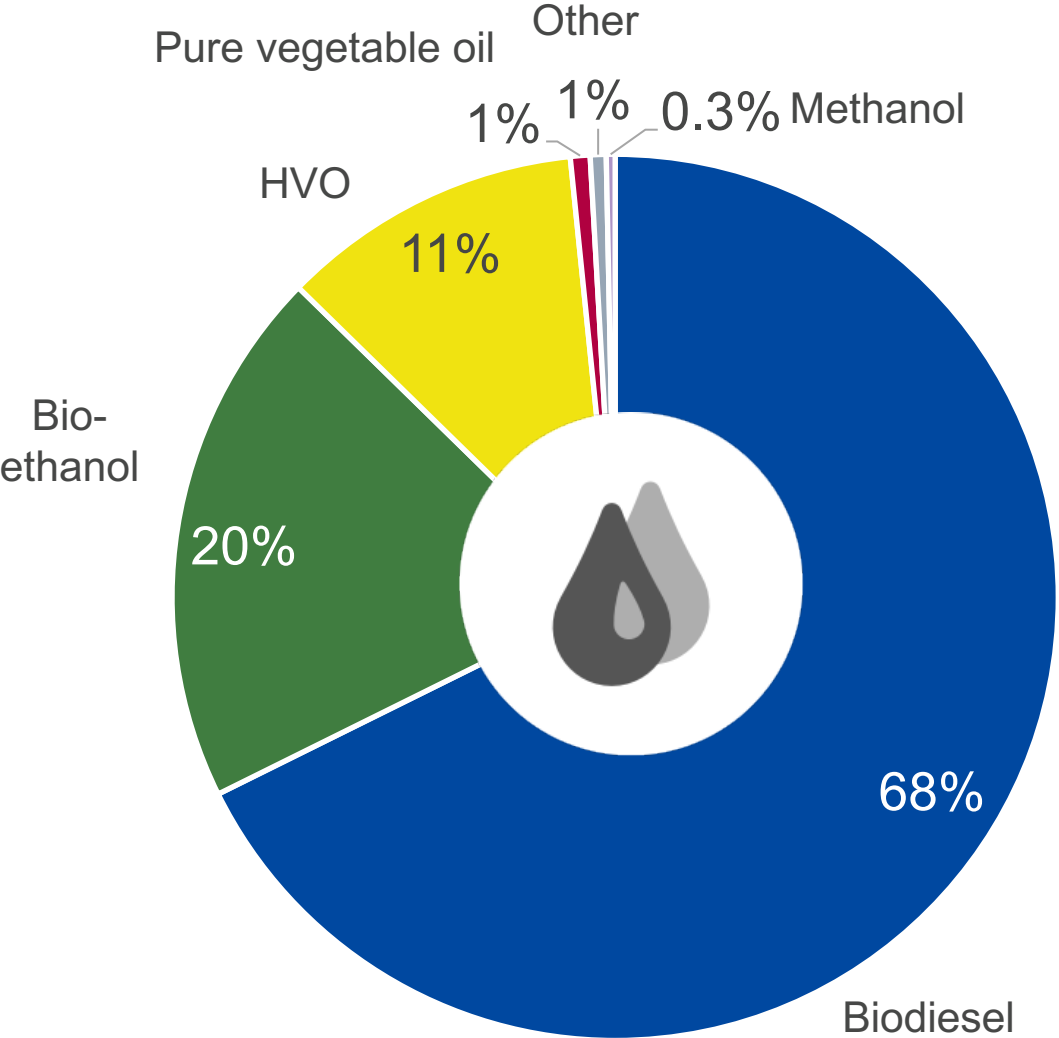
Crops - Certified Cultivation Area (in hectare)



Waste and Residues (Amount in MT)



ISCC certified final biofuels

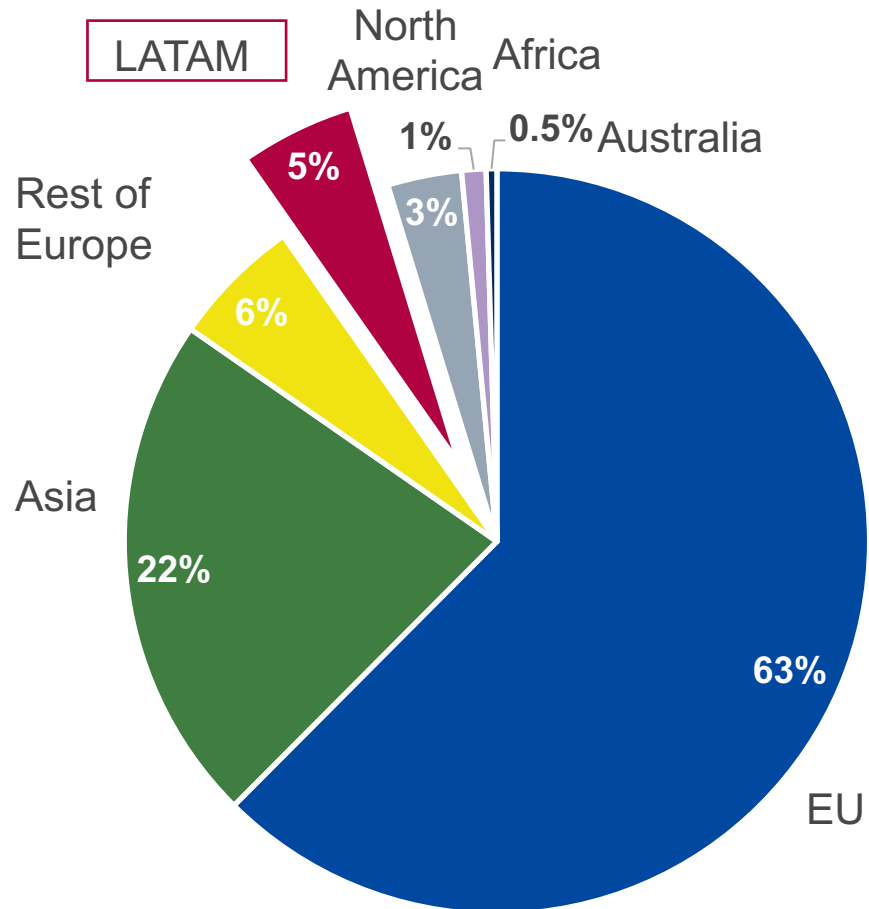


Almost 15 million tonnes of biofuels and bioliquids are certified under ISCC

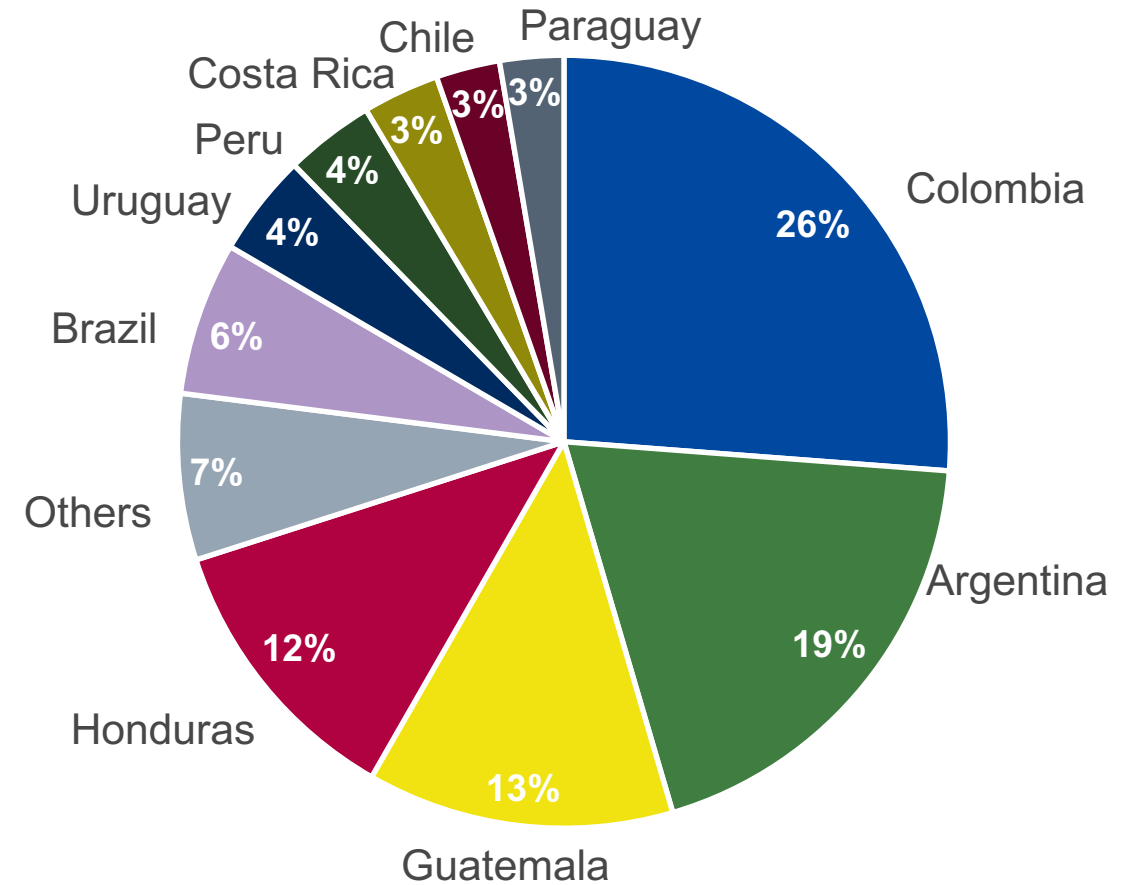


Colombia, Argentina and Guatemala are the countries with most ISCC certificates in Latin America

Valid certificates by region



Top ten countries in Latin America
187 certificate holders in Latin America*



*Numbers as of 17 January 2020

ISCC cooperates with 29 CBs from 16 countries – Most of them conduct audits for ISCC worldwide



The multi-stakeholder initiative of the ISCC counts today 131 members. The association is open for new members



*As of 12 December 2019

ISCC published its first Impact Assessment Report

- Critical review of **what has been achieved**, and **what is the impact** on the ground
- Definition of the **ISCC Theory of Change**
- Gathering of data about impact is challenging
- Assessment includes **sample data taken from audit reports** and a **survey with certification bodies**
- Improvements in the ISCC system will provide **more digitally accessible data** about impact
- Continuous **improvement process** with **involvement of stakeholders**
- ISCC will **report about impact on a regular basis** in the future

Impact Report
2018



5 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 use **innovative tools** for credible and efficient audits

4 We are a living **multi stakeholder** initiative

5 We provide **credible claims** and marketing guidelines

#1: ISCC is increasingly recognized by different governments, voluntary initiatives and individual companies

Examples

Energy



Renewable Energy Directive (RED) and Fuel Quality Directive (FQD) of the European Union



Japanese Government



Liquid Fuel Supply Regulation of Queensland



Participation in CORSIA for sustainable alternative jet fuels



AIREG – Aviation for renewable energy in Germany

Industrial Applications



Der Blaue Engel



Textile Exchange's "2025 Sustainable Cotton Challenge"



Sustainable supply of raw materials for the industrial use of biomass (INRO)



Green Deal, sustainability criteria for biobased polymer products

Food



Sustainable Agriculture Initiative (SAI) Platform



Coca Cola's Sustainable Agriculture Guiding Principles



Retailers' Soy Group (RSG) requirements for responsible soy of the Consumer Goods Forum



Unilever Sustainable Agricultural code



Diageo's Sustainable Agricultural Sourcing Requirements

Feed



ISCC in line with FEFAC Soy Sourcing Guidelines



Soy Network Switzerland



Soy sourcing supply chains of Mars petcare



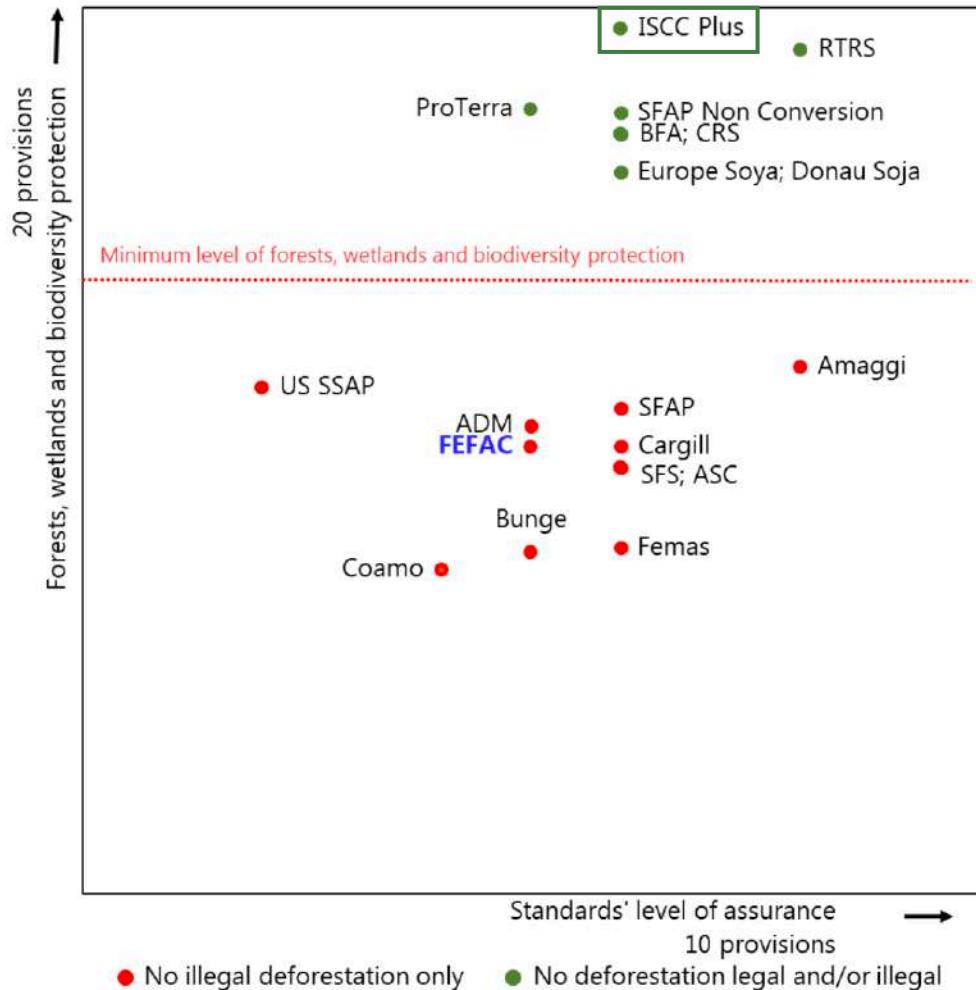
Soy sourcing supply chains of ADM

Others

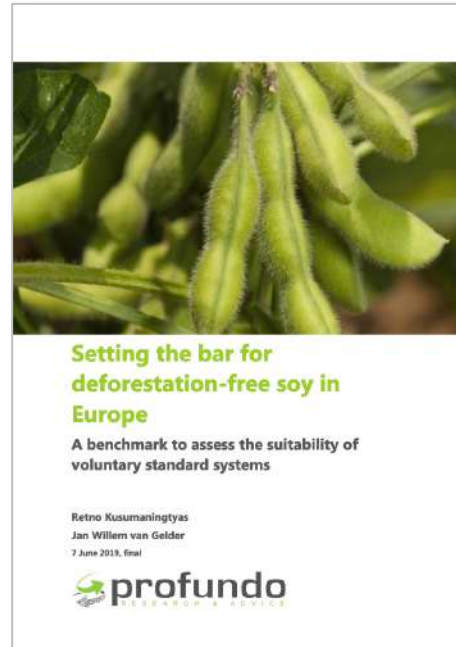


Responsible sourcing practices in areas that are exposed to high risk of deforestation

The National Committee of the Netherlands (IUCN NL) has published a comparative study on voluntary soya certification schemes that comply with the **FEFAC soya procurement guidelines**.



#2: ISCC is one of the best certification systems for sustainable soya



- **ISCC** was rated **outstanding** in the areas of protection against deforestation and conversion of wetlands and protection of areas with high conservation value.
- Many company standards do not meet minimum criteria
- The report places a special focus on the **prevention of deforestation** in connection with European soybean production and imports of soybean into Europe.

Link to the report:

https://www.iucn.nl/files/publicaties/setting_the_bar_for_deforestation_free_soy_190606_final.pdf

#3: ISCC has recently released an update of the Audit Procedure System (APS) to further facilitate the audit process

What is APS and what are its benefits?

- Electronic application supporting the audit preparation and simplifying the audit process for ISCC auditors
- Latest version APS 4.1 was released in August 2019
- Automatized step-by-step process contributes to an increased audit efficiency
- Reduces the risk for mistakes by leading the auditor only through the relevant questions
- In the future, ISCC will use APS also for automatic analysis and evaluation of ISCC's impact and other KPIs

The screenshot displays the ISCC Audit Procedure System (APS) interface. It shows a question from Chapter 01 - Management System, Sub-Chapter 01 - General Requirements, Question No. 01.01.04 - Training of employees. The question is: "Did trainings take place appropriate to the needs of the employees at critical control points?". The answer is "yes". Below the answer, there is a finding: "Training is included in the onboarding process for new employees and repeated regularly." A blue callout box highlights a "Voluntary option to include examples for best practices and recommendations for voluntary improvement". The interface also includes navigation icons and a green checkmark icon.

“
I am sure that this new feature will help us a lot to make our audits (even) more structured and reliable.
”

Michael Köster, Lead Auditor,
ASG Cert GmbH, Germany

#3: ISCC Integrity Program 2019: Overview and results

- 66 independent on-site integrity audits have been conducted by ISCC in 2019
- Increased additional focus on desk audits and cooperation with CBs additionally to on-site audits
- Growing importance of risk-based audits and interconnected supply chains



- **ISCC analyzes the results from the Integrity Program and derives adequate measures:**

- Adaptations of existing ISCC system documents, audit procedures, templates
- Communication in System Updates, CB meetings, ISCC trainings, specific mailings to clarify requirements
- New Complaint template on the ISCC website
- Amendment Terms of Use

- **Non-conformities and sanctions:**

- **Withdrawal** of 18 certificates
- **Suspension** of 20 System Users for a period of 12-60 months
- Three „**yellow cards**“ have been issued to CBs by ISCC
- **Suspension** of four auditor
- New mandatory online auditor test implemented since 2020 after ISCC Basic Trainings

#4: ISCC continues to put major emphasis on a regular and regional stakeholder dialogue



#4: In 2020 ISCC will celebrate the 10th anniversary of its Global Sustainability Conference



Impressions from 2019 (selection)

- The ISCC Global Sustainability Conference is a well-established platform for **industry and trade representatives, NGO's, associations, research bodies and authorities.**
- **Next date:** In 2020 ISCC will celebrate its **10th anniversary** on 12 February 2020
- Regular Fee: 200,- EUR + VAT
- Registrations **limited to 200 participants**
- Yearly growing number of participants with approximately with **over 250 in 2019**
- Insights on **market developments and networking opportunities**
- **Speakers** from (inter)national authorities as European Commission, from industry and scientific institutions

#4: Companies interested in conducting Food Security Standard (FSS) audits are invited to contact ISCC

FSS | PROJECT



With support from



by decision of the German Bundestag



- 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**
- **Several pilot audits** successfully conducted
- Companies that would like to start with a gap analysis **should contact directly ISCC key persons at the event**

www.iscc-system.org/about/food-security/

#5: Example of ISCC certified users around the world – ISCC certified rum from Guatemala



Press Release

The Value Chain of the Ron de Guatemala Denomination of Origin obtained its first ISCC PLUS certification for World-class rums

Rones de Guatemala will be among the first rums to hold a sustainability seal of this level.

Guatemala, October 2, 2019. - The value chain of Ron de Guatemala Denomination of Origin was recently officially awarded the ISCC PLUS Certification to Sustainability, which covers plantations, mill, distillery, ageing facilities, bottling and experience centers. This accomplishment brought to Guatemala Norbert Schmitz, Director of the ISCC System GmbH.

The International Sustainability and Carbon Certification (ISCC) is a leading global certification system which provides solutions to address sustainability requirements for all raw materials and markets.

This certification guarantees that the production chain meets all established standards and evidence requirements regarding biodiversity, the environment and human rights:

- **Plantations:** We have approximately 8,000 hectares of sugar cane plantations. The area with a unique soil description (ceptisols and vertisols) found only in 2% of the world, covers 3,200 hectares. Protected Denomination contributes to sugar cane.
- **Mill:** The Tululá Mill is in the department of Retalhuleu, milling of sugar cane to produce molasses.
- **Distillery:** Destiladora de Añeños de Altura, which produces distinctive characteristics that are exported through beverages and for special occasions.
- **Ageing Centers:** These centers are located at high altitudes (above sea level), preparation of the white rum through internal charring.
- **Bottling:** Our bottling plant is distributed and recognized production process centers.

The process to obtain the certification for the Tululá mill as the producer S.A. (DARSA) as the producer of Origin registered, and is recognized as "Ron de Guatemala". The certification for 2017, while for Añeños de Altura, issued, which gives the rums the

Carlos Cabrera, Quality Manager, is optimal for the marketing of Ron de Guatemala, giving us access to very demanding environmentally-friendly products.

Mr. Cabrera also underscores the importance of sustainability on the ground. Sustainability of



#5: Example of ISCC certified users around the world – Sustainable wheat for cookies from Italy



Abbiamo stretto un'alleanza con la Natura

Con il progetto **La Carta del Mulino - per una farina da agricoltura sostenibile**, facciamo un altro passo avanti per portare a tutti quella gioia che solo il cibo ben fatto può dare.

Per il nostro pianeta

Per la filiera

[Per chi ama i Buongrano](#)

Buongrano



Sostenibilità certificata

La prima regola della «Carta del Mulino» prevede l'ottenimento della certificazione ISCC PLUS*. A questa regola ne abbiamo aggiunte altre 9, scritte in collaborazione con Università e Organizzazioni non governative.

Più controllo

Lo schema ISCC PLUS* è una versione applicabile ai prodotti alimentari dello standard di certificazione ISCC. Ha natura volontaria e permette alle aziende della filiera di monitorare e certificare la sostenibilità dei propri prodotti e/o propri ingredienti attraverso il controllo di regole di sostenibilità e di tracciabilità dell'intero sistema. <https://www.iscc-system.org/process/certification-scopes/iscc-for-food/>

The first rule of „La Carta del Mulino“ – a project that advocates the use of **sustainable flour** – is the **ISCC PLUS Certification**.



I nostri partner



#5: Further examples of ISCC PLUS certified products in the food market



ISCC certified rapeseed oil from Poland



ISCC certified sugar from Guatemala



ISCC certified sunflower oil from Bulgaria



ISCC certified sugar from Bolivia

Follow us on Social Media and stay up-to-date on events, sustainability news and central ISCC-related topics



ISCC @ISCCSystem · 14. Feb.
Thanks for this extraordinary day! We are pleased that over 250 attendees actively participated in the ISCC Global Sustainability Conference and made it to a successful and inspiring event. See you next year! #Sustainability #nodeforestation #biofuels



ISCC @ISCCSystem · 9. Mai
One million species at risk of extinction with grave impacts on life on earth, states the comprehensive @IPBES report on the state of global ecosystems. Among the top 5 causes: changes in land use, e.g. turning intact tropical forests into agricultural land. #nodeforestation




IPBES @IPBES
#Nature is declining globally at rates unprecedented in human history .
The @IPBES #GlobalAssessment ranks, for the first...





ISCC - International Sustainability and Carbon Certification
October 26, 2018 · G

The first onsite training for the GRAS Smallholder App. The app helps to manage, analyse and visualise data of independent #smallholders (including the fields' polygons) and aims to protect rainforests and improve #palmoil smallholders' productivity.
Click here for more information: <https://www.youtube.com/watch?v=U7GtyK78c0>



ISCC - International Sustainability and Carbon Certification
May 11, 2018 · G

GOOD NEWS: the Japanese Government recognises ISCC!
The Japanese Ministry of Trade and Industry (METI) has announced the new Japanese biofuel mandate for the next five years. The most important change is that METI now allows the use of U.S. corn-based ethanol, in addition to Brazilian sugar cane ethanol. Find all relevant information here: <https://www.iscc-system.org/japanese-government-recognises.../>



ISCC-SYSTEM.ORG
Japanese Government recognises ISCC > ISCC System
Find more information here.




International Sustainability and Carbon Certification (ISCC Sy...
1,269 Follower
2 Monate · Bearbeitet

Textile Exchange has recognised ISCC as sustainability initiative in the 2025 Sustainable Cotton Challenge! The challenge encourages leading brands and retailers in the apparel and textile industry to commit to sourci ... mehr anzeigen

International Sustainability and Carbon Certification (ISCC Sy...
1,269 Follower
1 Monat

During today's Greenhouse Gas Training we focus on practical examples, case studies and interactive group works. Moreover, the 45 system users and auditors participating in this training are working to set up up t ... mehr anzeigen





Many thanks for your attention!

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Email: schmitz@iscc-system.org

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