



ISCC/PRIMA Conference, San Francisco, 6 April 2017

Experiences with ISCC Sustainability and CI Certification of Producers in North America

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ISCC is one of the leading sustainability certification systems and is applied on a global scale



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ISCC is being used by companies in more than 100 countries

System users in
100+
countries

13,500+
certificates
3,000+
system users

33
certification bodies
670+
ISCC trained auditors

**Training
Program**
(57 Trainings so far
for auditors and
system users)

Several tools and
procedures to
facilitate audits
(combined-audits)



Use of innovative
methods to **verify**
land use
change

Approved
methodology to
calculate and
verify GHG
emissions

Stakeholder
dialogue:
87 ISCC
Association
members

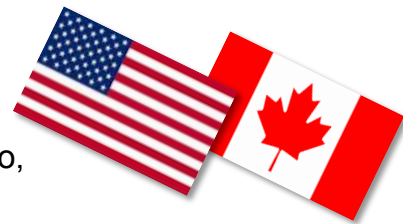
Strong regional
stakeholder
dialogue:
5 Technical
Committees

**Integrity
Program**
3 auditors

ISCC's stakeholder involvement and activities in North America

ISCC stakeholder involvement

- Eight organizations as members in the ISCC Association
- Dr Steffen Mueller, Principal Economist at the University of Illinois at Chicago, is an ISCC Association Board Member
- Annual stakeholder meetings in the US since 2012



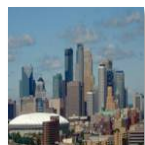
ISCC trainings (Basic Training, GHG Training, Waste and Residues)

Participation in conferences and meetings

- Sustainable Food Summit, Industry Forum of the Provision Coalition, Innovation Takes Root, Canadian Roundtable for Sustainable Crops, Walmart, Sustainability Consortium, and others
- Dialogue with CARB, NGOs (e.g. NRDC, TNC), etc.

ISCC certification

- 380+ ISCC certificates have been issued for companies in the US and Canada since 2010



ISCC is a multi-stakeholder initiative. It is governed by an association with almost 90 members. New members are welcome

Members (Selection)

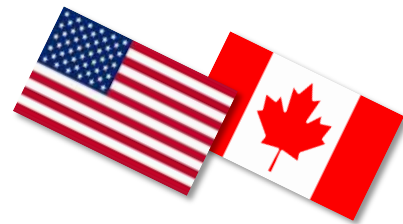


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ISCC has opened a regional branch (ISCC North America) in the USA

ISCC regional branch for North America

- Last year ISCC has established ISCC North America LLC in San Francisco (CA)
- Importance of North American market in the future development of ISCC
- Contact point for rising number of clients in North America



Contact:
ISCC North America LLC
Waterfront Plaza, 1st floor
San Francisco (CA), 94111

A share certificate for ISCC North America LLC. The certificate is issued to the holder of 1,000 units of ISCC System GmbH (Cologne, Germany). The certificate is dated April 6, 2016. The certificate is signed by Robert Kelly Buchanan, Vice President General. The certificate is issued under the laws of the State of California, February 2, 2016. The certificate is numbered 1 and 1,000. The certificate is signed by Robert Kelly Buchanan, Vice President General. The certificate is issued under the laws of the State of California, February 2, 2016. The certificate is numbered 1 and 1,000.

ISCC certified companies in the USA and Canada. More than 380 ISCC certificates have been issued in the two countries so far



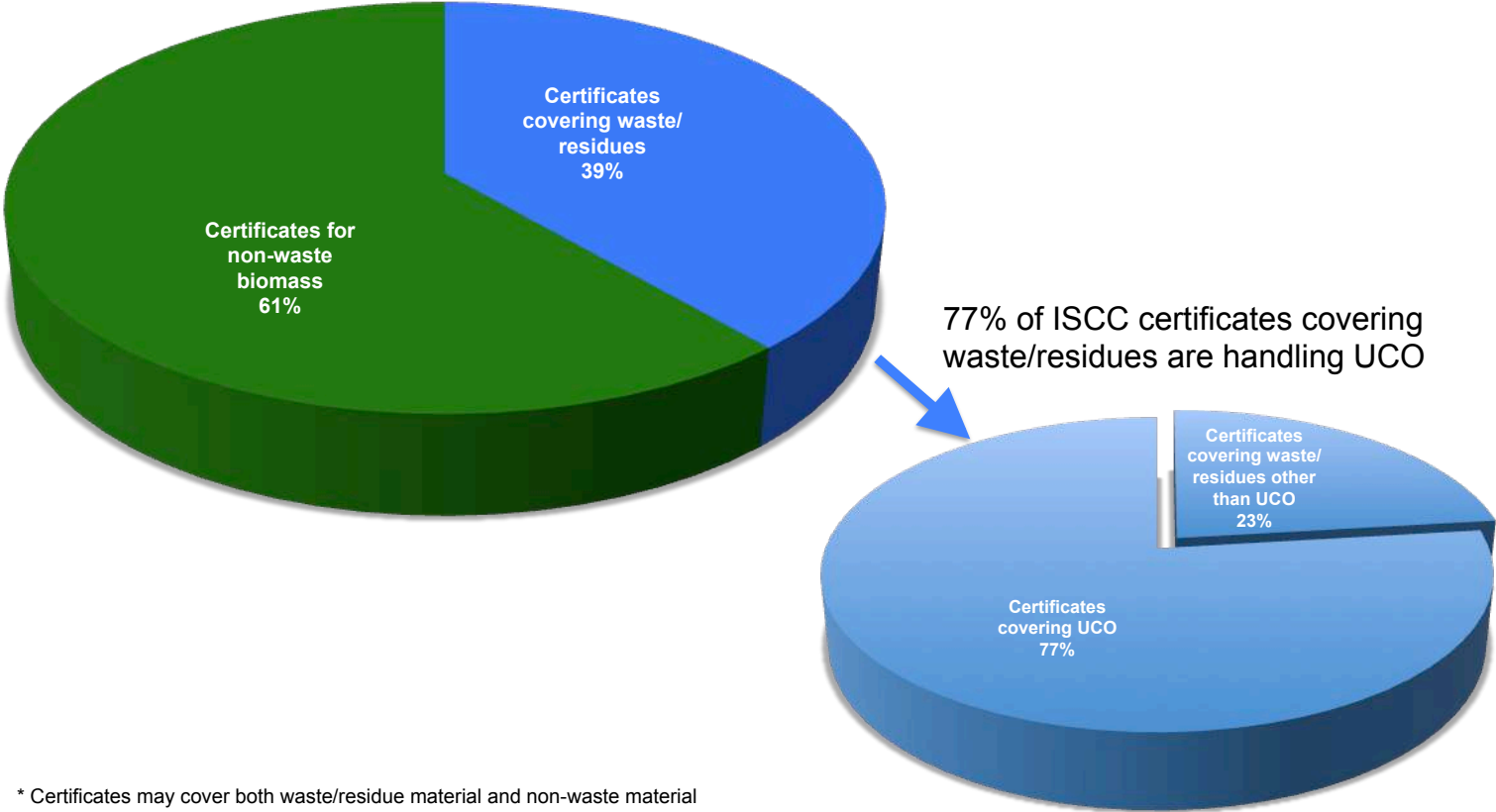
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Supply chain elements and materials covered by ISCC certification



Biomass:	Corn, canola, soybean, sugar cane	Canola, soybean
Supply chain elements certified:	Country elevators (First Gathering Points), ethanol plants, ETBE plants, sugar mills, traders, storage	Country elevators (First Gathering Points), oil mills, biodiesel plants, traders, storage
Waste/residue materials:	UCO, organic municipal solid waste	UCO, organic municipal solid waste
Supply chain elements certified:	Collecting points, biodiesel, biogas, biomethane plants, traders, storage	Collecting points, biogas, biomethane plants, traders, storage

ISCC is the leading certification system for waste and residues



* Certificates may cover both waste/residue material and non-waste material














ISCC is participating as official delegate in the International Civil Aviation Organization (ICAO) on developing certification for bio-jetfuels

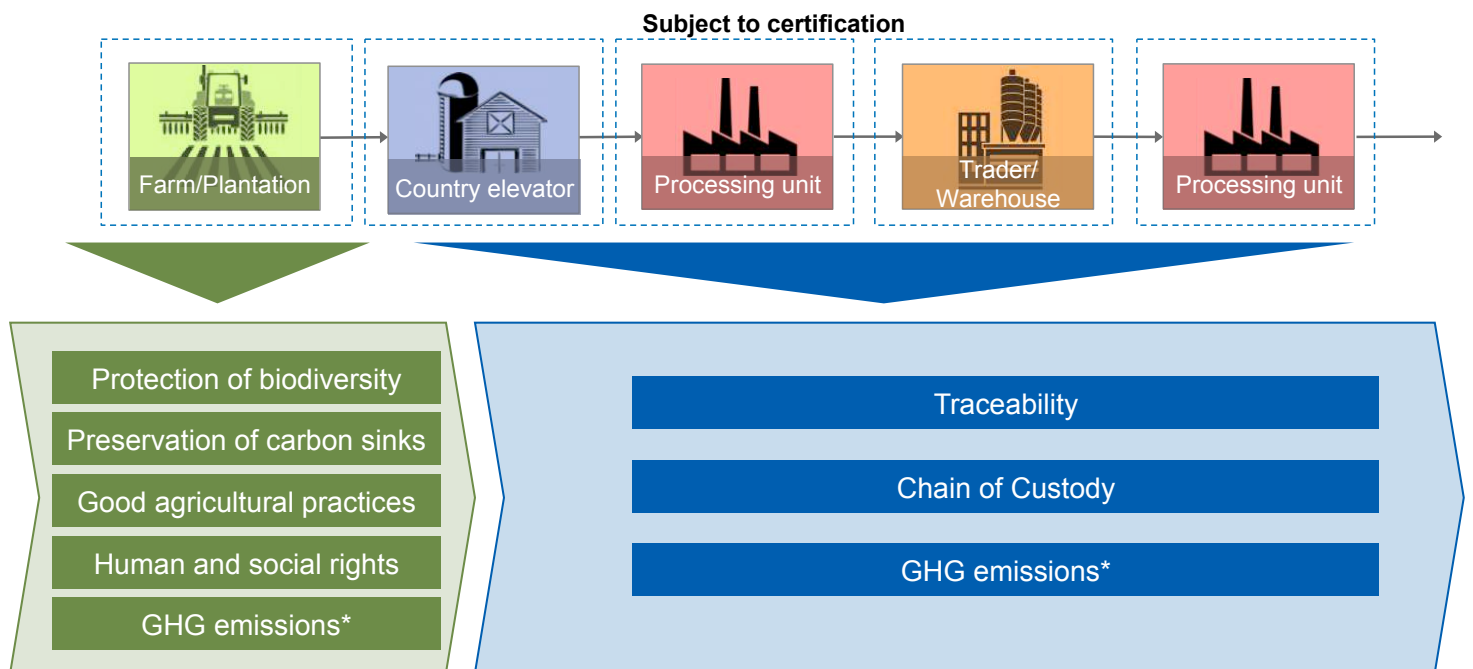


Agreement on carbon neutral growth of aviation from 2020 onwards

Depending on the type of feedstocks, ISCC requirements for feedstock origin and supply chain differ

Agricultural feedstocks	Agricultural crop residues	Forestry feedstocks	Wastes/ processing residues	Renewable non-bio feedstocks
<p>Soybeans, sunflowers, rapeseed/canola, palm, sugar cane, sugar beet, grain</p>   	<p>Straw, bagasse, nut shells, husks, cobs</p>   	<p>Wood, wood chips, pellets</p>   	<p>Used cooking oil, animal fat, landfill gas, municipal solid waste, tall oil</p>   	<p>Power-to-x concepts, CO₂</p>   

ISCC stands for sustainable agriculture and forestry as well as for traceable supply chains and GHG calculation



*For ISCC PLUS GHG emissions requirements are voluntary

The ISCC requirements for agriculture and forestry cover environmental, social and economic issues

PRINCIPLE 1

Zero deforestation

Protection of primary forests, high carbon stock areas, peat- and wetlands, protected areas and highly biodiverse areas

PRINCIPLE 2

Good agricultural practice

Agricultural and forestry production shall protect soil, water and air and ensure a sustainable use of land

PRINCIPLE 3

Safe working conditions

Ensure workers health and safety during work. Improve competence and knowledge via training

PRINCIPLE 4

Social conditions

Ensure good labor conditions and limit impacts to surrounding communities

PRINCIPLE 5

Compliance with laws

Comply with all regional and national laws and international treaties

PRINCIPLE 6

Good management practices

Recording system and compliance of subcontractors

Principle 1: Biodiverse and carbon rich areas are protected under ISCC. Land use change after January 2008 is not allowed



Primary forests and other wooded land



Designated nature protection areas



Highly biodiverse grassland



Wetland

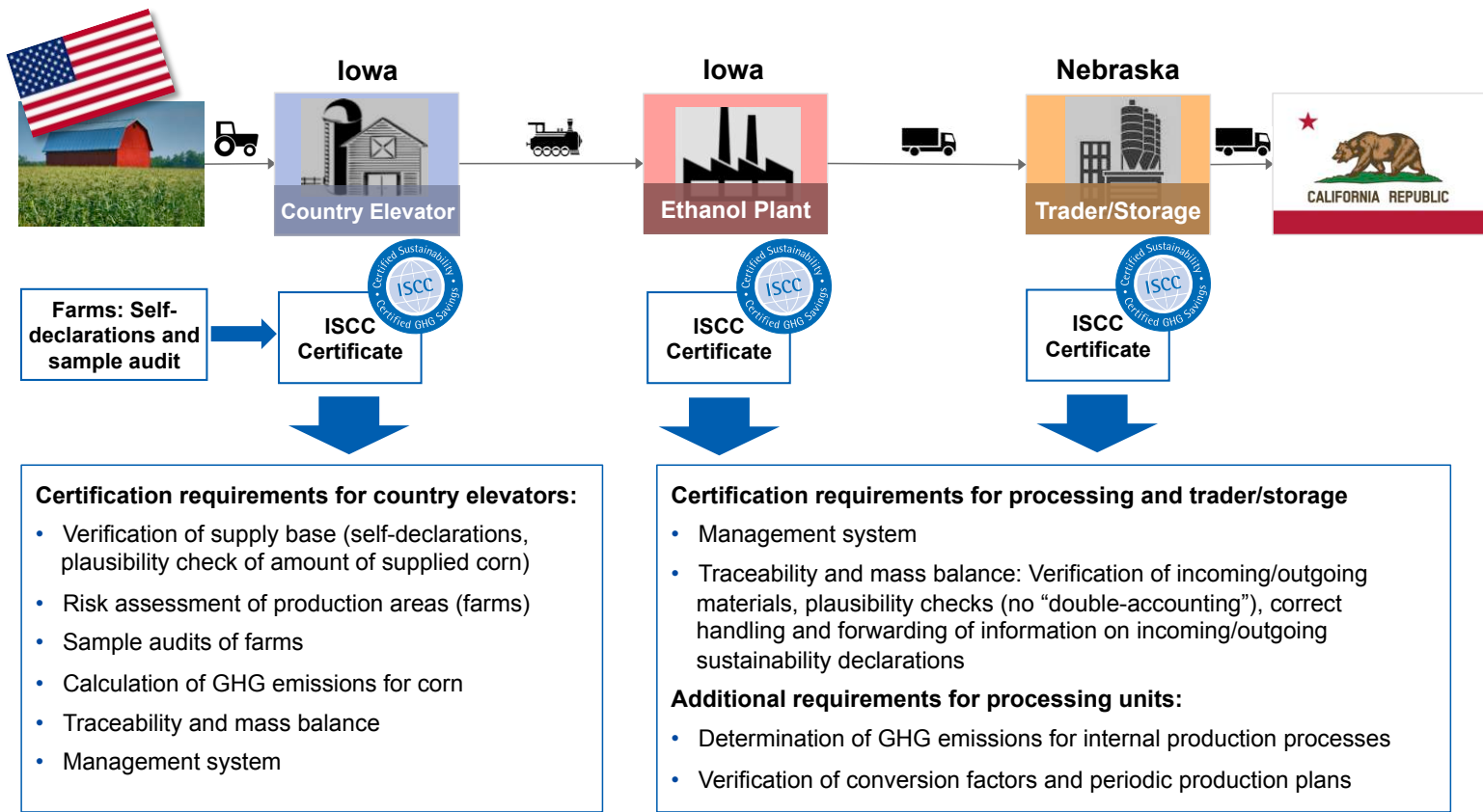


Forested areas



Peatland

Certification audits under ISCC – Example US corn ethanol producer





Many thanks for your attention!

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