



## ISCC as Solution Provider for Sustainable Supply Chains

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ISCC Regional Stakeholder Dialogue Latin America  
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Voluntary and mandatory sustainability requirements in different markets can be addressed with ISCC EU and ISCC PLUS



Food



Energy



Industrial applications



Feed



# 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

## Waste and processing residues



UCO



Landfill gas



Tall oil



End-of-life tires



Municipal solid waste



Crude glycerine

## Renewable non-bio feedstocks



Power-to-Gas Power-to-Liquid



CO2

## Forestry / agricultural crop residue



Forestry residue



Husks

Straw



# ISCC principles – a balanced set of ecological and social criteria

Agricultural feedstock

Agricultural crop residues

Forestry feedstocks

Wastes/ processing residues

Renewable non-bio feedstocks



**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

Traceability, Chain of Custody and GHG emission calculation along the supply chain

# Full traceability along the supply chain





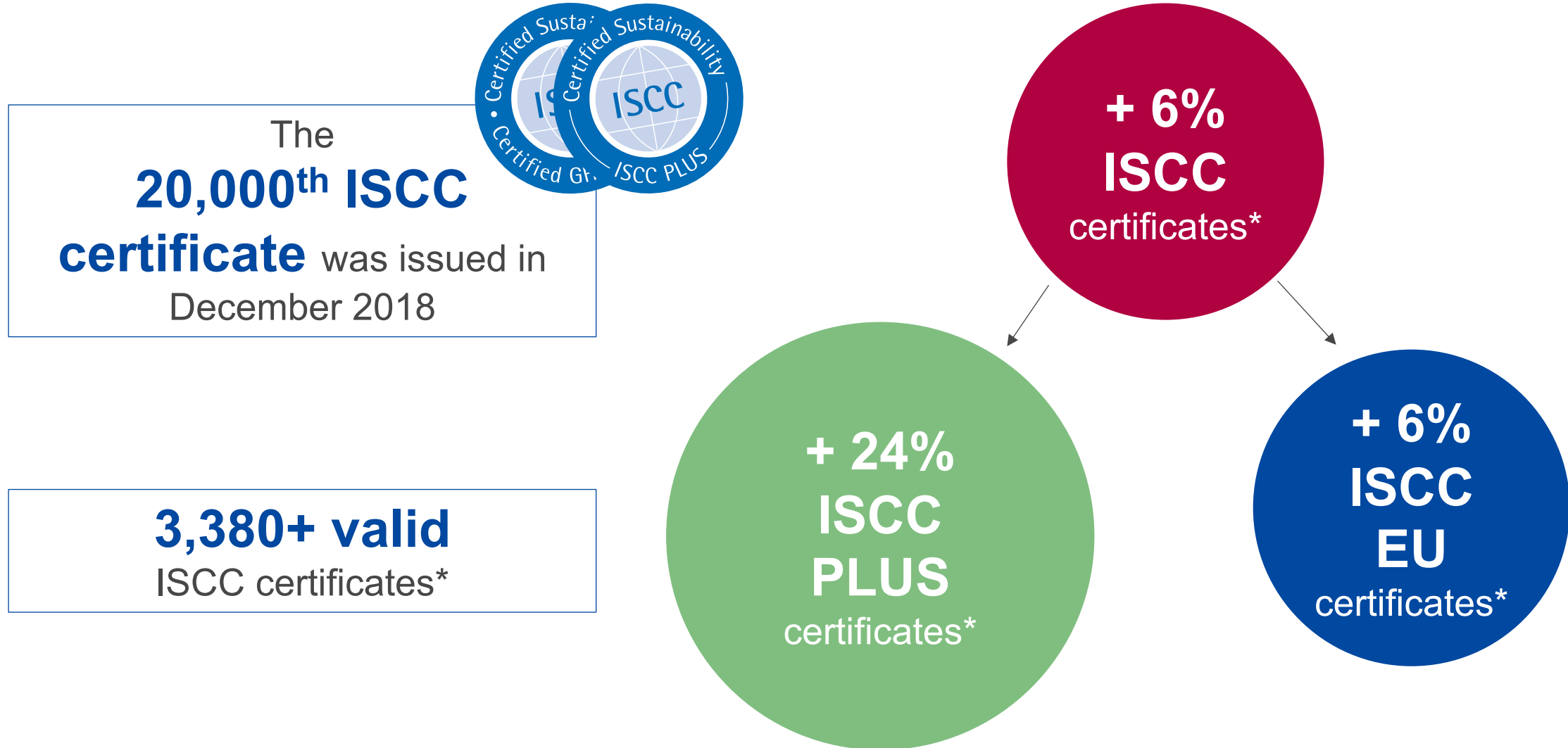
# ISCC is used in more than 100 countries

## All Feedstocks, including:

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



# Currently, nearly 3,400 companies have valid ISCC certificates

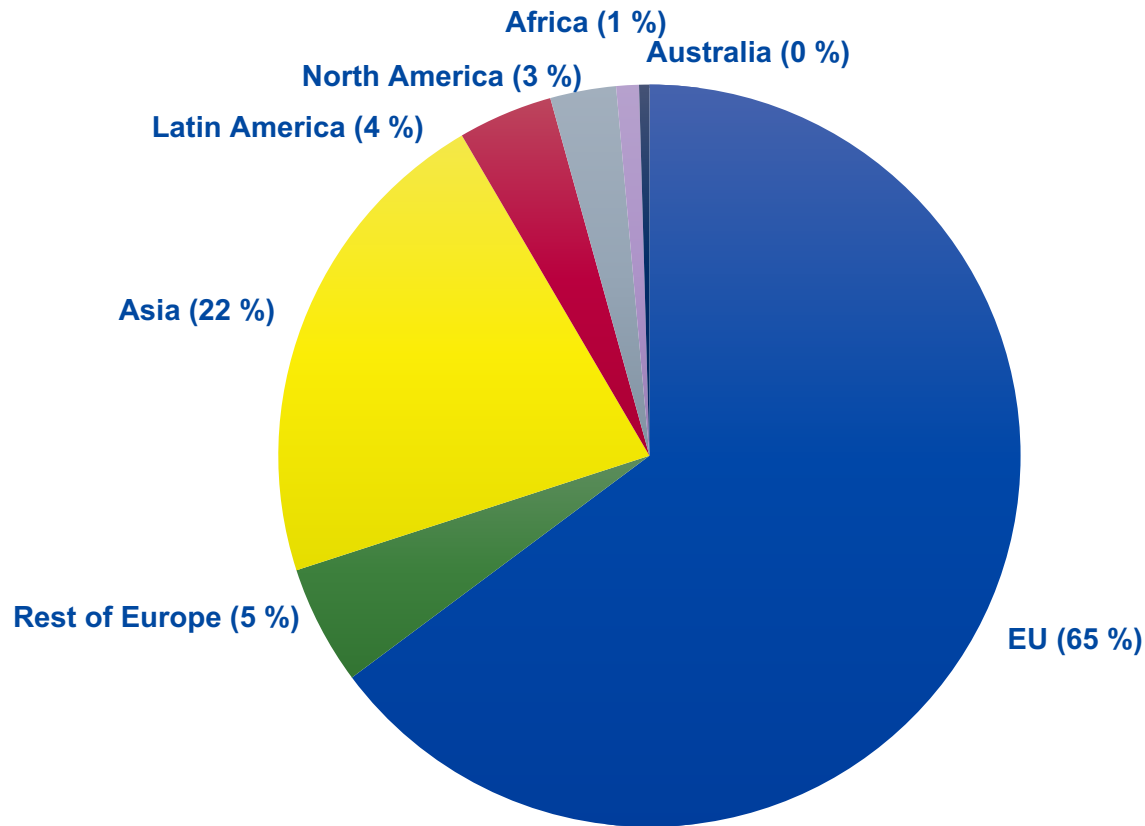


\* Numbers as of 1 February 2019. Development in comparison to February 2018

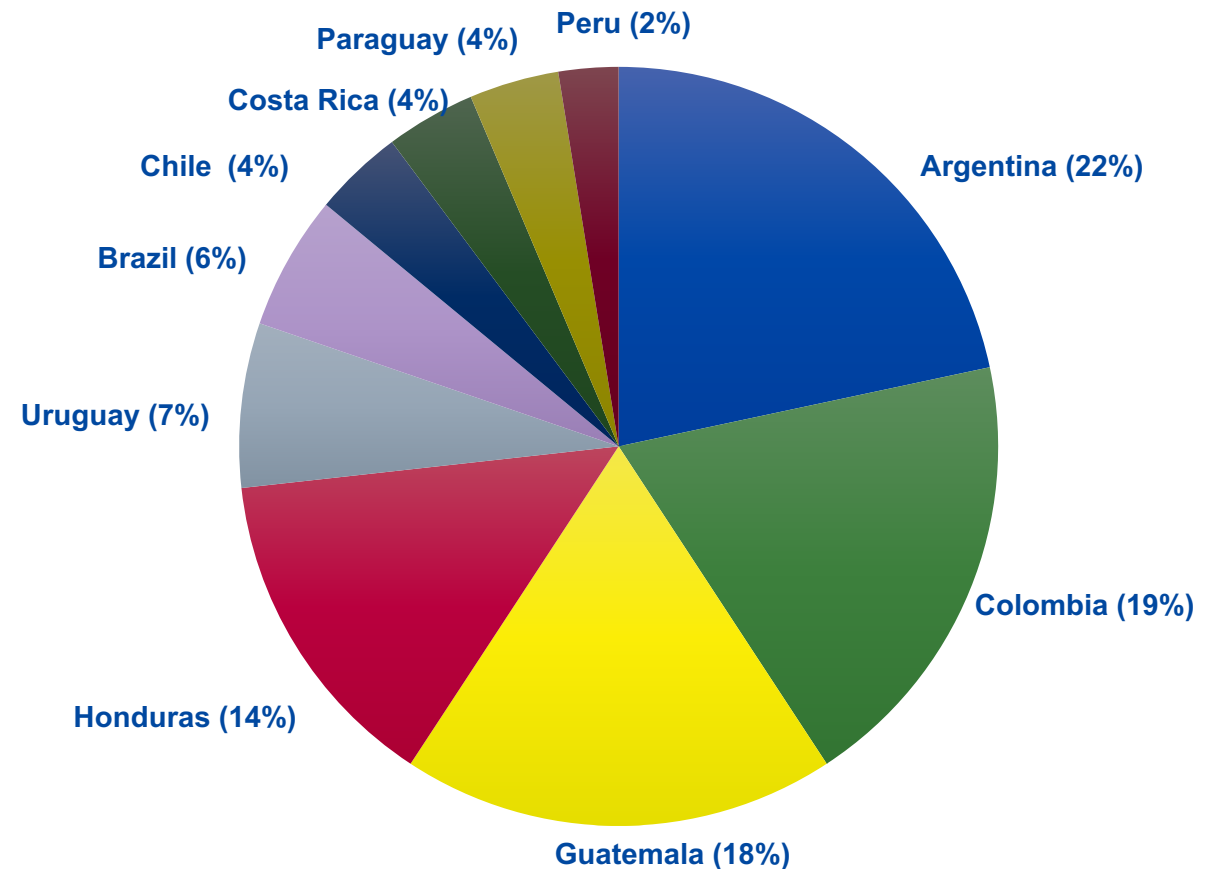


# In Latin America, Argentina, Colombia and Guatemala are the countries with most ISCC certificates

## Valid certificates by region



## Top ten countries in Latin America 167 certificate holders in Latin America\*



\*Numbers as of 1 February 2019



# Examples of certified companies in Latin America

Examples

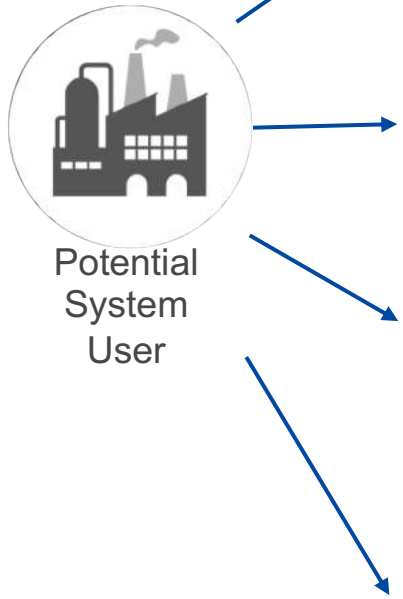


GLENCORE





# ISCC is a one stop shop for all crops and markets, and is compliant with many important platforms and industry standards



Fragmented landscape of sustainability standards

<p>Food</p>	
<p>Energy</p>	
<p>Feed</p>	
<p>Bio-based materials</p>	

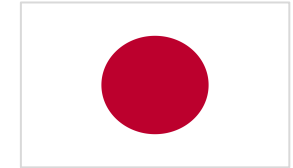


Compliance with industry standards and regulations



# ISCC is recognized by the EU since 2011. ISCC is also recognized by other Governments for the sustainability verification of biofuels

- The recognition of ISCC PLUS was announced by the Japanese Ministry of Trade and Industry (METI) in the framework of presenting the **new biofuel mandate for Japan for 2018 – 2022**
- ISCC PLUS is recognised **since April 2018 to verify compliance with sustainability requirements** for biofuels in the Japanese biofuels market
- Japanese biofuels market now also open for **U.S. corn-based ethanol** (previously, only **Brazilian sugarcane-based ethanol** allowed)
- **ISCC Guidance Document** for Deliveries of Biofuels to Japan available
  
- ISCC already recognized by **Queensland / Australia** since 2017
  
- Recognized by the **Netherlands** for the proof of Non-Modification of waste and processing residues (Annex IX feedstock) retroactive since 1 January 2019
  
- **Increasing interest by Governments** implementing clean fuel standards / low carbon standards in RED methodology and verification mechanisms







## ISCC is active in the aviation sector to support sustainable alternative jet fuels

- ISCC is active member of the EU delegation to ICAO / CORSIA AFTF working group. CORSIA is the Carbon Offsetting and Reduction Scheme for International Aviation
- ISCC is involved in a scientific project analysing reporting requirements in supply chains of multi-blends of fossil and alternative jet fuels
- ISCC has been recognized by the Aviation Initiative for Renewable Energy in Germany (aireg) since 2014
- IATA (International Air Transport Association) joined the ISCC Association in November 2018
- Lufthansa has already used ISCC for test flights with alternative jet fuels





# Strong increase in ISCC PLUS certification and on-product claims





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



SAI Platform members (active and affiliate)

# Major companies in chemical and packaging industries use ISCC PLUS for bio-based materials and circular economy

SELECTION

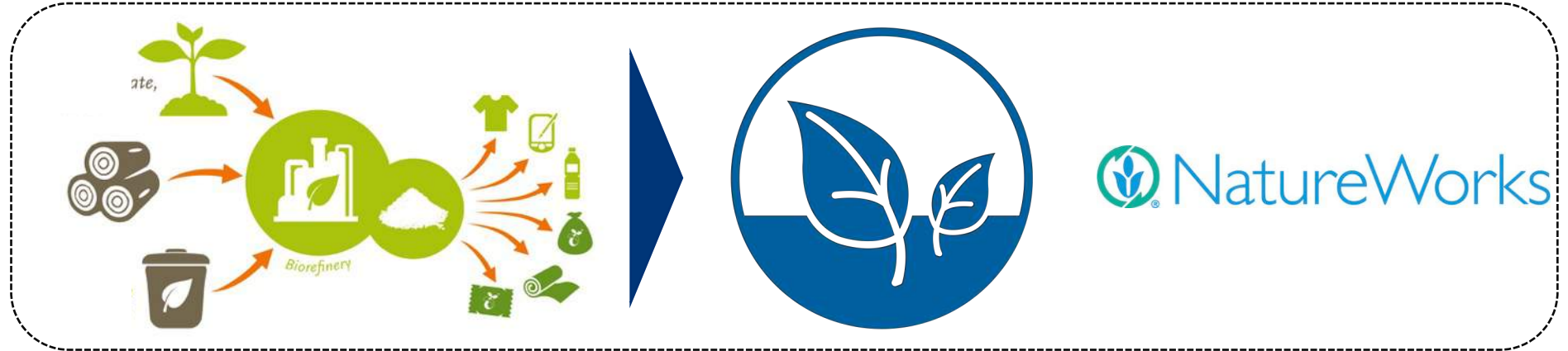




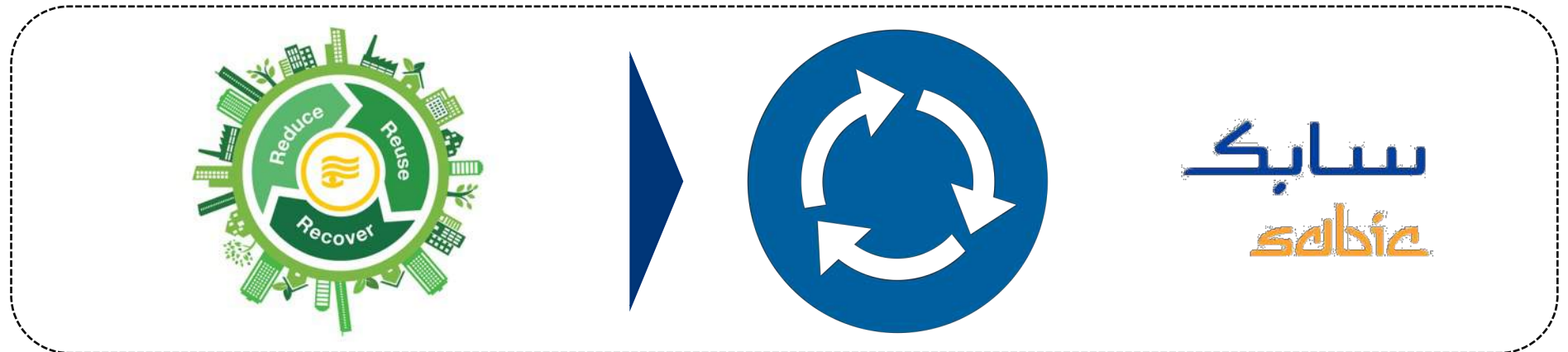
# ISCC provides solutions for credible certification for a sustainable bioeconomy and circular economy

Examples

Biobased economy



Circular economy



Source: Adopted, European Bioplastics, Nijhuis Industries

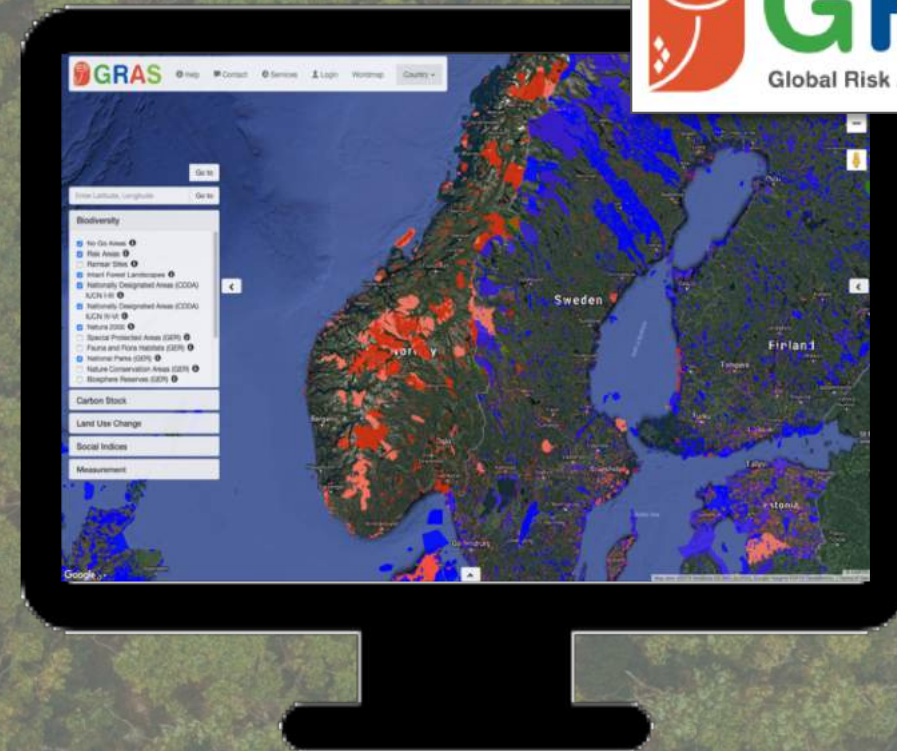
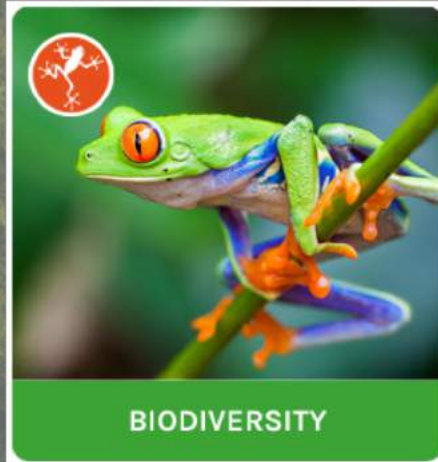


## ISCC has developed a certification approach for independent smallholders

- ISCC active in the smallholder sector already for many years and has developed an approach for Independent Smallholder (ISH) certification
- Approach enables ISH to increase their productivity and income without further pressure on land to increase agricultural activities
- Specific training for ISH approach available
  - Online training available auditors and master trainers
  - Target group: Company representatives, certification bodies/auditors, NGO's, research bodies/authorities
- Smallholder option in draft high ILUC Delegated Act

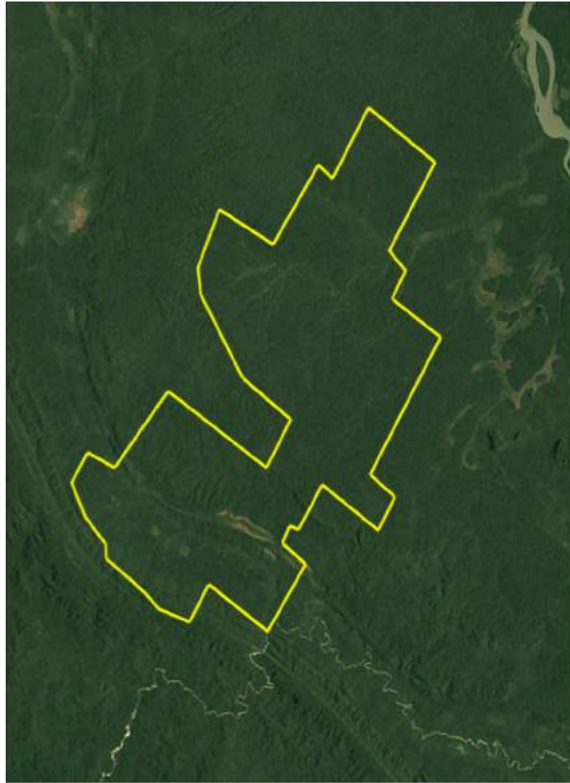


# ISCC uses GRAS to facilitate risk assessment and to verify land use change (compliance with ISCC Principle 1) in its integrity program



[www.gras-system.org](http://www.gras-system.org)

# GRAS conducts accurate Land Use Change assessments to verify deforestation-free supply chains by using satellite data



2009



2017



# ISCC is partner of the Food Security Standard (FSS) Project by WWF, Welthungerhilfe and Center for Development Research

FSS | PROJECT



With support from



by decision of the German Bundestag



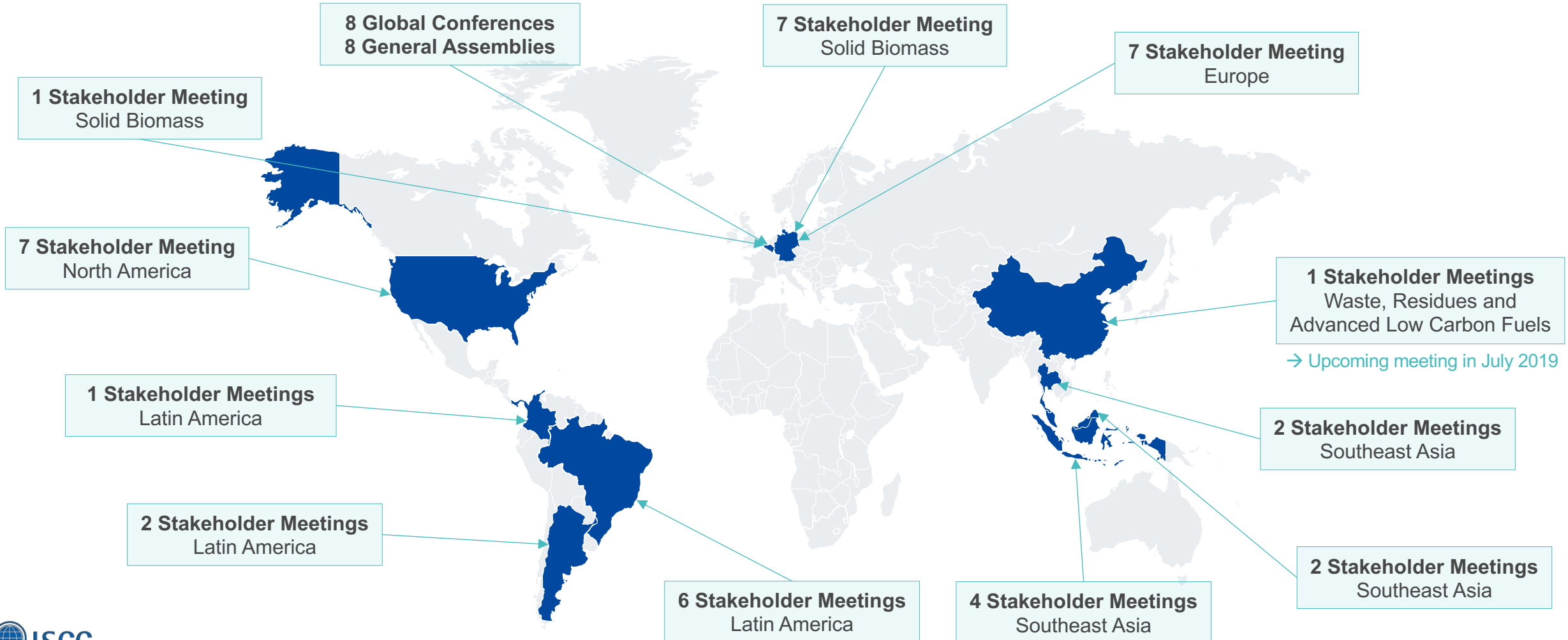
ZEF



- **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/](http://www.iscc-system.org/about/food-security/)

# ISCC puts major emphasis on global and regional stakeholder dialogue for the continuous development and enhancement of the system





# Stakeholders are represented in the ISCC association which is steering the system operations. Currently the association has 115 members



ISCC is very grateful for the support of the sponsors of this event







# ISCC

International Sustainability  
& Carbon Certification

Become part of the ISCC family.  
[www.iscc-system.org](http://www.iscc-system.org)

Many thanks for your attention!

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