

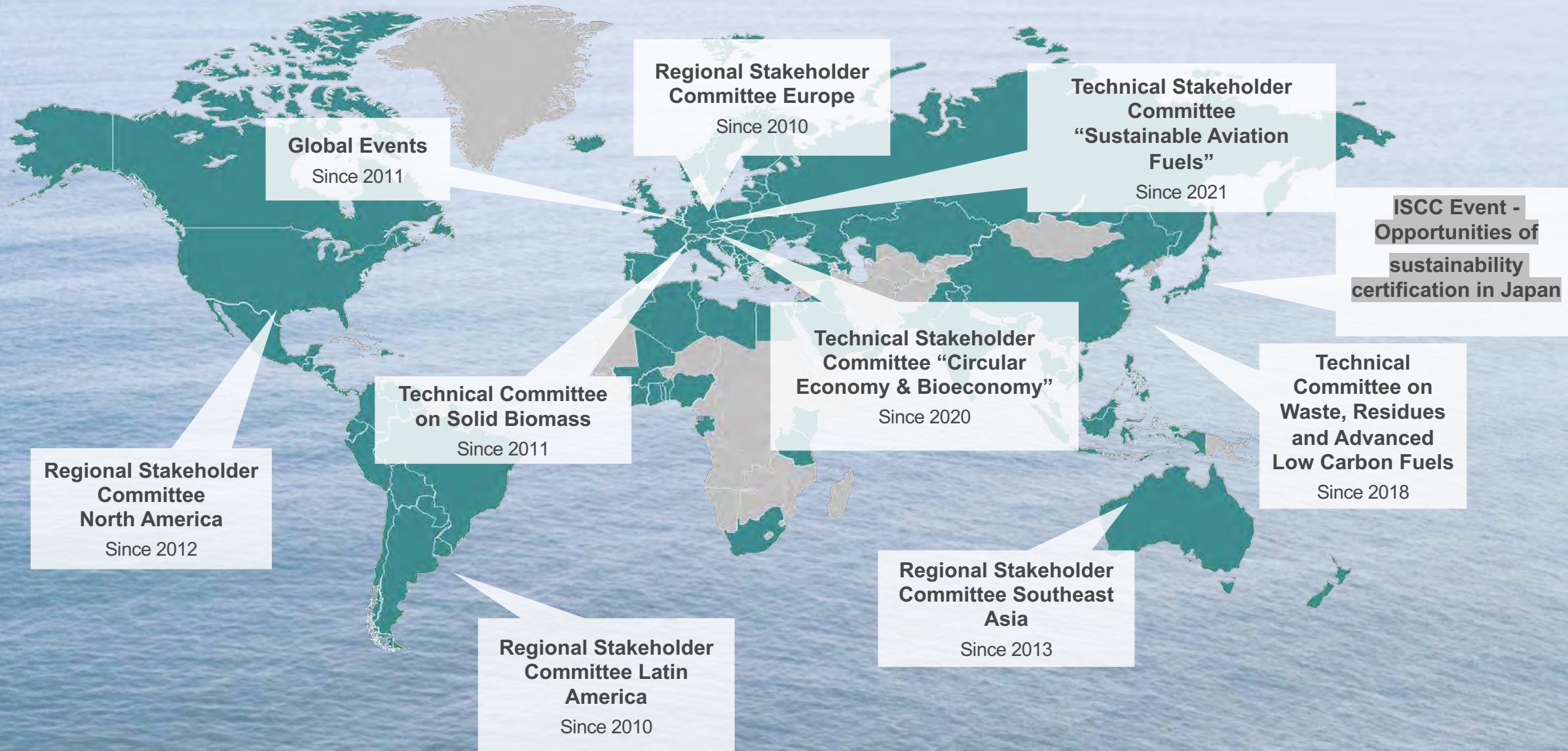


# ISCC overview and market update Japan

Andreas Feige, Managing Director, ISCC System GmbH

ISCC Event – Opportunities of sustainability certification in Japan, Online Event, 12 October 2022

# ISCC puts major emphasis on a regular and regional stakeholder dialogue



# The ISCC Association is a multi-stakeholder initiative comprised of currently 214 members. New members welcome any time!



# ISCC is a well-established and credible certification standard



# ISCC certification ensures sustainability and GHG emissions reductions along global supply chains

## ISCC Certification ensures



Sustainability in raw material production



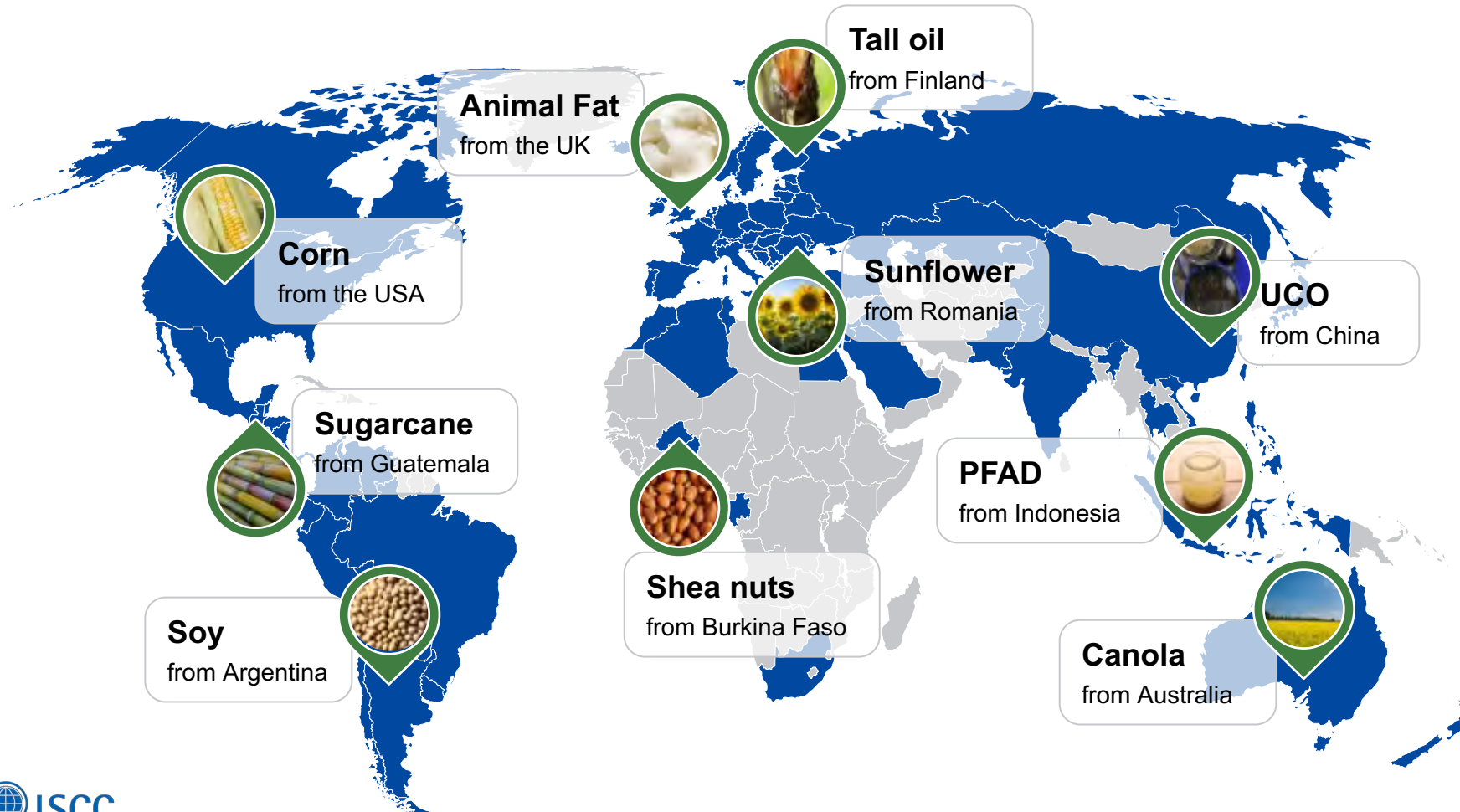
Traceability of sustainable materials through the supply chain



Verified reduction of GHG emissions

# ISCC is a leading certification scheme applied in over 100 countries with almost 6,000 certified companies

## Examples



ISCC certifies all sustainable feedstocks for all markets



Food



Feed



Energy



Industrial Applications

# All kinds of agricultural and forestry feedstocks can be certified under ISCC

## Examples



Soy



Rapeseed/  
Canola



Palm



Sunflower



Cereals



Corn



Sugarcane



Sugarbeet



Wood



Cotton



Shea Nuts



Camelina

# In addition, ISCC is the leading system for the certification of waste and residues and focuses on innovative feedstocks

## Examples

### Waste and processing residues



Used cooking oil



Landfill gas



Tall oil



End-of-life tyres



Municipal solid waste / mixed plastic waste



Crude glycerine

### Renewable non-bio feedstocks



Renewable electricity



CO2

### Forestry / agricultural crop residues



Forestry residues



Husks

Straw



# ISCC offers three certification systems, application depending on the market

## ISCC EU



- Applicable for **sustainable fuels used for transport, electricity, heating and cooling in the European Union**
- To demonstrate compliance with the EU's sustainability criteria for biofuels, bioliquids and biomass fuels set out in the RED II

## ISCC PLUS



- Application for **voluntary** and certain **regulated markets**
  - Energy and biofuels outside the European Union (e.g. Japan, Australia)
  - Industrial applications
  - Food and feed markets

## ISCC CORSIA



- Applicable for **sustainable aviation fuels under ICAO CORSIA**
- To **demonstrate compliance** with the sustainability and GHG criteria for CORSIA eligible fuels

# ISCC EU, ISCC PLUS and ISCC CORSIA are stand-alone systems. Combined audits are facilitated by harmonized system elements

## ISCC EU



## ISCC PLUS



## ISCC CORSIA



Multi-stakeholder organisation



Quality and risk management



Integrity Program



Requirements for certification bodies



Requirements for conducting audits

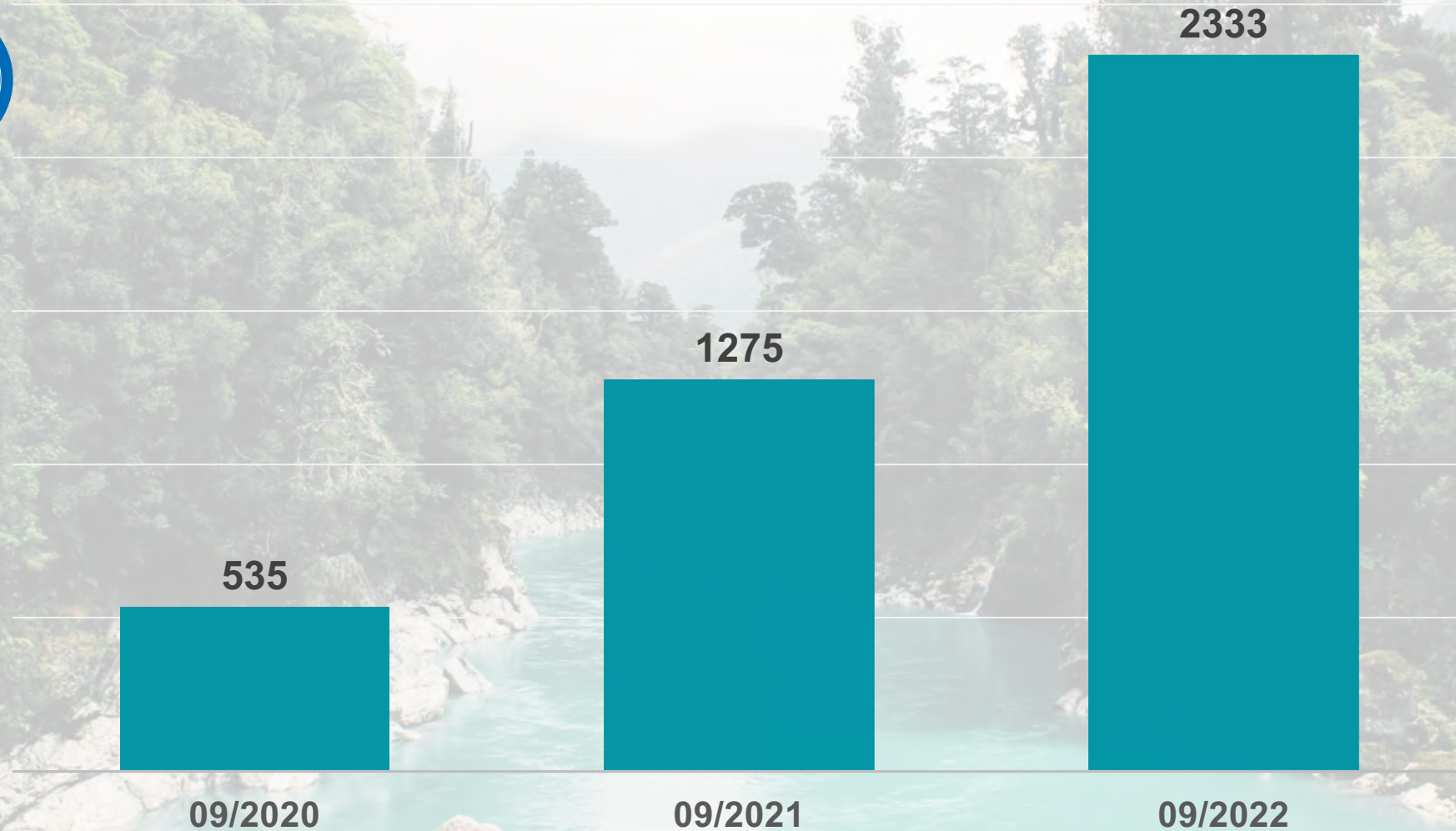


Registration and certification process

# The amount of ISCC certified companies increases significantly since several years



Valid ISCC PLUS Certificates





More and more brand owners become ISCC certified or ISCC licensed.

On-product logo already used by AEON in Japan



# ISCC certification in Japan – Development, status quo and outlook



## Development and status quo

- Since 2012, 187 ISCC certificates for Japanese companies were issued:
  - ISCC EU: 107 (19 currently valid certificates)
    - Certificates are mostly related to waste/residues (e.g. UCO and UCO based biofuels)
  - ISCC PLUS: 80 (65 currently valid certificates)
    - Certificates are mostly in the chemical sector

## Outlook

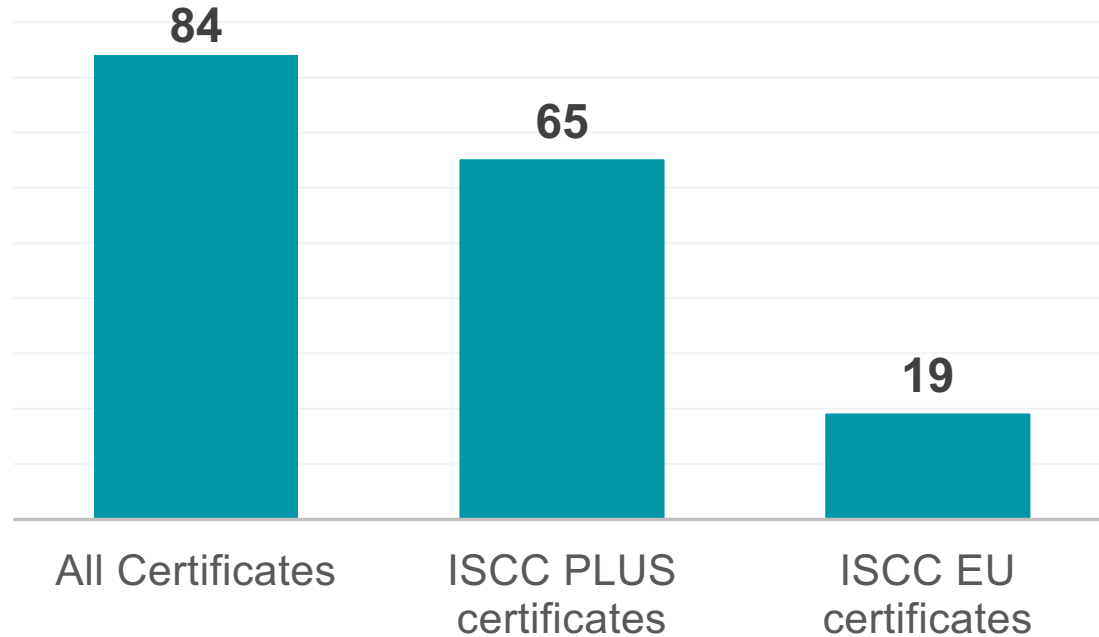
- As Japan's chemical industry is the fourth largest worldwide\*, credible sustainability certification for circular and bio-based feedstocks and products will be of further increasing importance
  - ISCC PLUS certification expected to remain main driver of positive development of ISCC certification in Japan
- For power generation, the Japan FIT (feed-in-tariff-system) sets incentives for the use of renewable feedstocks that must comply with sustainability requirements
  - ISCC has set up certification standards to cover selected feedstocks for power generation from renewable sources
- More Certification Bodies cooperating with ISCC are becoming active in Japan which improves the access to ISCC certification for Japanese companies

\* Source: [www.statista.com](http://www.statista.com)

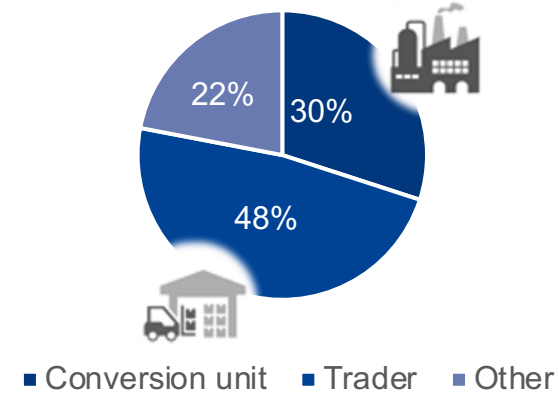
# Current numbers of ISCC certificates in the Japanese market



## Current valid ISCC certificates in the Japanese market\*



## Scope ISCC PLUS certificates\*



## Issued by CBs:

- China Quality Certification Centre (CQC)
- Control Union Certifications Germany GmbH
- DIN CERTCO Gesellschaft für Konformitätsbewertung
- mbH, Berlin
- SCS Global Services,
- SGS Germany GmbH
- Trans Certification International Sdn Bhd

\* Numbers as of September 2022

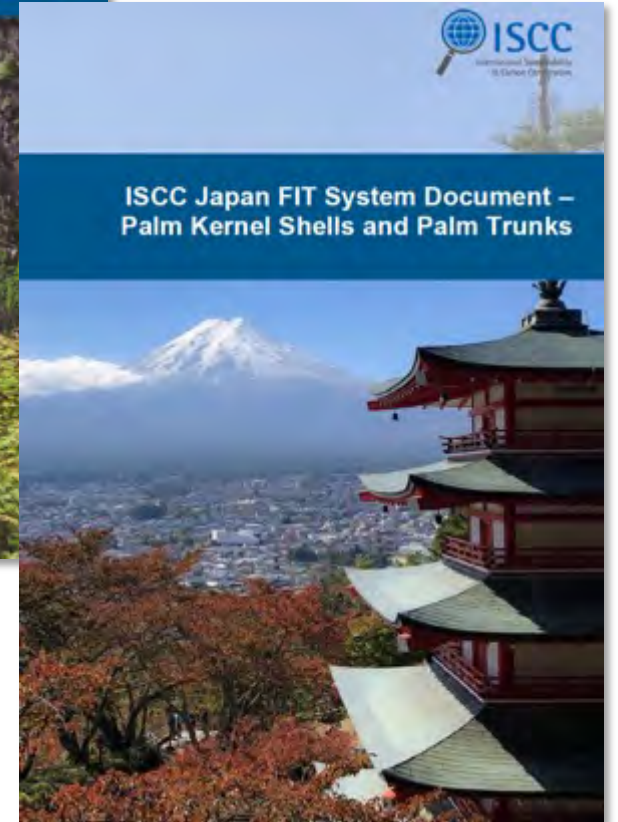
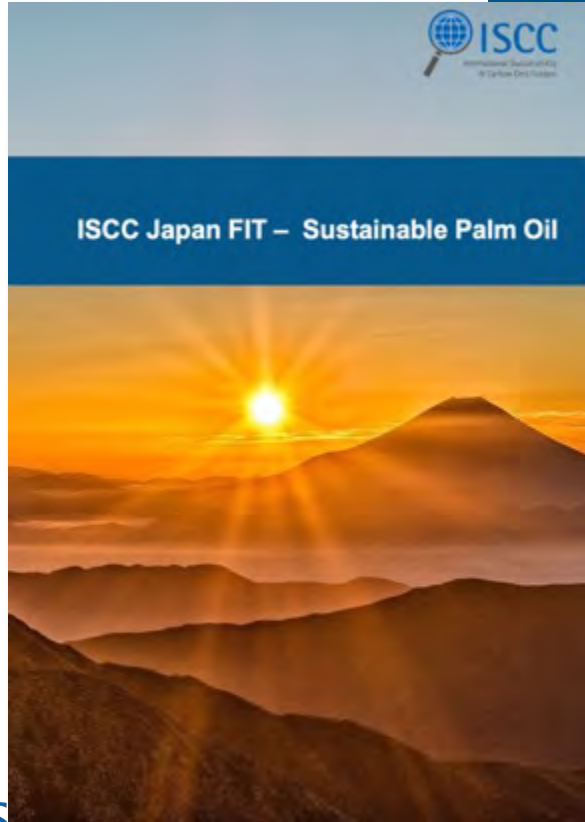
Each certificate may be issued for more than one scope/type of operation

# ISCC approaches to certify sustainable palm oil, palm kernels shells and palm trunks in accordance with Japan FIT requirements for power generation

Recognition by METI\*  
pending



Recognised by METI\*  
since April 2022



\* Japanese Ministry Economy Trade and Industry



Thank you for your attention!

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