ISCC General Assembly 2012

Certification of sustainability requirements in different areas of biomass applications

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Supported by:
ISCC sustainability certification of supply chain elements under the RED


Of particular relevance:
- Article 17*: Sustainability criteria for biofuels and biofuels
- Article 18*: Verification of compliance with the sustainability criteria for biofuels and biofuels
- Article 19*: Calculation of the greenhouse gas impact of biofuels and biofuels
- Annex: Rules for calculating GHG impact

* Fuel Quality Directive contains corresponding provisions

* Individual voluntary certification or group certification

** Renewable energy installations (CHP plants) and biofuel quota obligated parties**
ISCC certified system users have the chance to untap additional market opportunities

Additional market opportunities and economies of scale for ISCC system users

- Oil mills and refineries: potential to sell sustainable food and feed products
- Ethanol plants: potential to sell sustainable feed products
- Traders and first gathering points: economies of scale (i.e. allocation of certification costs to higher volumes)
- Farms: economies of scale (i.e. allocation of certification costs to higher volumes)
ISCC\textsuperscript{PLUS} is the certification system covering sustainability certification for food, feed, tech. / chemical and bioenergy (currently non RED) applications.

Sustainable biomass

ISCC certified operator

Sustainable products

- Sustainable biofuel
  RED compliant

- Food
- Feed
- Tech. /chemical
- Solid biomass
  (bioenergy)
Already ISCC certified system users can add the ISCC\textsuperscript{PLUS} certificate to existing ISCC EU/DE certificates without significant efforts and costs

\begin{itemize}
\item System users which do not require a greenhouse gas emissions statement only need to include the respective feed/food products into the mass balance calculation.
\item System users which do require a greenhouse gas emissions statement and have used default values so far may have to check whether values for the by-products can be extracted from the existing default value calculations (e.g. Biograce).
\end{itemize}

\begin{itemize}
\item The ISCC\textsuperscript{PLUS} certificate can be added without significant effort and costs to the existing ISCC EU or DE certificate.
\item The validity of the ISCC\textsuperscript{PLUS} certificate cannot exceed the validity of the existing ISCC EU or DE certificate.
\item In case of recertification also two certificated will be issued; in case a RED related certificate is no longer required the ISCC\textsuperscript{PLUS} certificate can stand alone.
\end{itemize}
ISCC can also be applied to new areas of application and combined with other certification systems – example bioenergy

- ISCC Certification woody biomass/wood products
- PEFC/FSC Certification forest wood/forest wood products

Biomass Landscape care wood (ISCC)
Biomass Agriculture/SRC (ISCC)
Biomass Forest (PEFC/FSC)

Chipping, drying.....

Wood chips / wood pellets
ISCC\textsuperscript{PLUS} – Core requirements, Extensions and Add-ons

**Core Requirements**
- Sustainability criteria on farm level (202)
- GHG emissions on farm level (205)
- Chain of Custody requirements
  - Traceability (203)
  - Quantity bookkeeping (204-01 or 204-02)

**Extensions**
- Food
- Feed
- SRC (short rotation coppice)
- Bioplastics

**Add-ons**
- Biodiversity action plan
- Classified pesticides
- GHG emission requirements downstream farm level
- Consumables of a production process

**ISCC EU/DE endorsement**
- ISCC EU and DE are accepted under ISCC\textsuperscript{PLUS}
- ISCC EU and DE system users can also draw from the list of voluntary add-ons and extensions
- GHG requirements are always mandatory
- Add-ons and extensions can be used on top of an existing certificate
# ISCC$^\text{PLUS}$ next steps

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<thead>
<tr>
<th>Task</th>
<th>February</th>
<th>March</th>
<th>April</th>
<th>May</th>
<th>June</th>
<th>July</th>
<th>August</th>
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<tbody>
<tr>
<td>ISCC$^\text{PLUS}$ presentation</td>
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