



## ISCC-EU certification requirements

[ISCC](#) is a global certification system for the sustainability certification of biomass, electricity/heat, biofuels and bioliquids that ensures compliance with the binding legal requirements of the Renewable Energy Directive ([2018/2001/EC - RED II](#)). The ISCC-EU certification secures your access to the European biofuel market.

GUTcert has been certifying according to the ISCC standard since 2009 and therefore has extensive experience in this field. Certification is mandatory for the following interfaces: agricultural traders, collectors of waste and residues, conversion plants and suppliers. Warehouses, farmers and points of origin are audited on a sample basis as part of the certification of their associated interface.

### What are the most important requirements that a company must implement?

#### 1. Self-declaration

- ▶ [Agricultural businesses](#) or [collection points](#): A signed self-declaration must be submitted to the first gathering point to prove that the produced biomass meets the ISCC sustainability criteria.
- ▶ [First gathering point](#) or [collector](#): The self-declaration, which can be issued by the supplier for either one delivery or a maximum of one year, must be stored and presented in case of a random check. The corresponding sustainable and non-sustainable incoming goods receipts must be correctly transferred to the mass balance.

#### 2. Delivery documentation

- ▶ Each [biomass delivery](#) for the production of sustainable bioliquids and biofuels must
  - be unmistakably labeled (e.g. by an identification number)
  - have been weighed or measured to determine the quantity
  - be clearly identified by indicating the certificate number on the shipping documents
  - be labeled with its GHG emission value for each specific element or with "(Disaggregated) default value applied". (exact application depends on the situation)



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### 3. Mass balance

- ▶ A [mass balancing system](#) must be substrate-specific and managed individually for each location (including warehouses).
- ▶ A mass balancing system enables the physical mixing of raw material or biofuel deliveries with different sustainability characteristics. Nevertheless, it mandates that information on the sustainability properties of partial deliveries is recorded separately in the balance sheet.
- ▶ The mass balance is positive if, considering the conversion factors, more sustainable biomass is received than is sold. The mass balance period is always 3 months.
- ▶ Only producers and first gathering points of agricultural or forestry biomass may extend the balance period to 12 months, provided that there is no deficit over a period of more than 3 months

### 4. Greenhouse gas calculation

- ▶ The greenhouse gas reduction potential of biofuels and bioliquids must be verified. Each economic operator is therefore obliged to declare the GHG emissions of the produced or supplied biomass.
- ▶ Both disaggregated default values (see Annex V [D] or [E] and Annex VI [C] of Directive (EU) 2018/2001 and RED II [Corrigenda](#) of 25.09.20) and actual values (see Annex V [C] or Annex VI [B] of Directive (EU) 2018/2001) can be used to [calculate greenhouse gas emissions](#). Furthermore, [NUTS2 values](#) can be used for certain agricultural products. Please note that default values are not available for all biomass types.
- ▶ The GHG values of the final fuel must be stated in the proof of sustainability. A minimum GHG reduction threshold of 50% (for commissioning before 05.10.2015, 60% after 05.10.2015 or 65% after 01.01.2021) applies.

### Further information and system basics

The ISCC-EU system is available for sustainability certifications in the biofuel sector. [Here](#) you will find all ISCC system documents and further information material on certification according to ISCC. When generating electricity and heat, you can alternatively choose certification under the [SURE system](#), which [we provide](#) as well.

Your contacts at GUTcert: Frieda Becker, Tel.: +49 30 2332021-34, Mail: [frieda.becker@gut-cert.de](mailto:frieda.becker@gut-cert.de)  
Tania Schwarzer, Tel.: +49 30 2332021-72, Mail: [tania.schwarzer@gut-cert.de](mailto:tania.schwarzer@gut-cert.de)