

BIOGAS DANMARK, TEMADAG 2024



Baltic Control[®] Certification

Nye principper for bæredygtighedsberegninger - aktuel status fra REDcert og ISCC

$$E = \sum_1^n S_n \cdot (e_{ec,n} + e_{td,feedstock,n} + e_{l,n} - e_{sca,n}) + e_p + e_{td,product} + e_u - e_{ccs} - e_{ccr}$$

$$E = \sum_{1}^{n} S_n \cdot (e_{ec,n} + e_{td,feedstock,n} + e_{l,n} - e_{sca,n}) + e_p + e_{td,product} + e_u - e_{ccs} - e_{ccr}$$

System dokumenter

Specific requirements for biomass fuels:

RED II, Annex VI. Part B. point 1 (b) and (c) outlines the methodology market operators must apply in the case of co-digestion of different (n) substrates in a biogas plant for the production of electricity or biomethane. They shall be calculated as a sum, taking into account the relative shares of the respective inputs and their emission factors. Therefore, the GHG value must be calculated as a single value for the whole amount of the biogas / biomethane, resulting from the co-digestion.

ISCC EU 205 Greenhouse Gas Emissions

GHG emissions may only be balanced in the case of the production of biogas for the production of biomethane. GHG emissions resulting from processes that deviate from this may only be balanced if the GHG values to be balanced are identical. Balancing individual substrate-specific GHG emission values, in the case of the production of biogas for the production of biomethane, can be carried out both for default values and for actual values.

Changed to:

The total emissions from the use of a biomass fuel resulting from a co-digestion of different substrates must be calculated as a sum taking into account on pro rata the share of the respective inputs and their emission factors. This means that E is to be calculated as a single value for the whole amount of the biogas/biomethane, resulting from the co-digestion.

REDcert GmbH, Scheme principles for GHG calculation

System dokumenter

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REDcert GmbH, Scheme principles for GHG calculation

1. General information

Type of Product	Quantity [MWh]	Feedstock	Country of Origin	Eec GHG Method	fulfills Art. 29 REDII ³	waste / residues ⁴	low ILUC risk ⁵	Intermed. Crop ⁶
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
T	0	Total						

EU RED Compliant material⁷ Yes

ISCC Compliant material (volunt.)⁸ Yes

In case subsidies / incentives were received please specify

Chain of custody option (voluntary)

2. Greenhouse Gas (GHG) information

Total default value according to RED II applied Yes No Add Compression Emissions (Default: 4.6 gCO2eq/MJ)

Compressed Biomethane used as a transport fuel⁹ Yes No

	e_{ec}	e_l	$e_{td, feedst.}$	e_{sca}	S_n
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

e_{ccs} gCO2eq/MJ

e_{ccr} gCO2eq/MJ

e_u^{10} gCO2eq/MJ

e_p gCO2eq/MJ

$e_{td, prod.}$ gCO2eq/MJ

Compression 4,6 gCO2eq/MJ

Tot. GHG emissions = 4,6 gCO2eq/MJ

Allocated heat: gCO2eq/MJ heat

Allocated electricity: gCO2eq/MJ electricity

Sn must add to 1



Bundesanstalt für
Landwirtschaft und Ernährung

Bundesanstalt für Landwirtschaft und Ernährung, 53168 Bonn

To all Nabisy users
via certification bodies and
certification systems

via e-mail only

Copies go to the Biofuel Quota Body, the
General Directorate of Customs and to be
published on the internet at
www.ble.de/biomasse

**Calculation rules for the co-digestion of different substrates in a biogas
plant**

523-04.10-5021-Nabisy Newsletter 16
Bonn, 22.02.2024
Page 1 of 1

Dear Sir or Madam

Annex VI Part B of the Renewable Energy Directive (EU) 2018/2001 (RED II) specifies the greenhouse gas calculation method for the production and use of biomass fuels. For the co-digestion of different substrates in a biogas plant, the calculation of a total value is required.

In order to ensure that the upper limit specified in Article 25 in conjunction with Article 26 of RED II does not exceed the proportion of fuels produced from food and feed crops and that the minimum proportion of advanced biofuels is met in the future despite this requirement, it is still possible to subsequently allocate the actual GHG emissions and issue Nabisy certificates for each individual raw material. In the view of the BMUV, this procedure is necessary to ensure conformity with EU law. The European Commission has been informed of this view.

With kind regards
By order

sgd. Paffenholz

Unsere Servicezeiten:
Montags bis donnerstags von 9:00 bis 12:00 Uhr und von 13:00 bis 16:00 Uhr
Freitags von 9:00 bis 14:00 Uhr

Für den Fall, dass Sie uns gegenüber eine Erklärung elektronisch übermitteln möchten, die formgebunden ist (z. B. in einem Gesetz angeordnete Schriftform), weisen wir auf Folgendes hin: Die Übermittlung mittels einer mit qualifizierter elektronischer Signatur versehenen E-Mail ist ausschließlich an info@ble.de möglich. Andere E-Mail-Adressen stehen hierfür nicht zur Verfügung. Eine Einreichung mittels De-Mail ist an die im Briefkopf genannte Adresse möglich.

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REDcert Info (Februar 2024)

GHG calculation in case of co-digestion

However, operators of biogas plants within the scope of the German BioKraft-NachV, the BioStrom-NachV or the EHV 2030 can also carry out a complete substrate-specific GHG calculation in parallel to this mandatory methodology in order to be able to subsequently carry out a comprehensible breakdown when allocating the emissions for Nabisy. Both calculation methods must be independently verified and confirmed as part of the certification process.

The requirements for co-digestion must generally be applied when the Implementing Regulation (EU) 2022/996 and thus the adapted system principles come into force on January 1st 2024.

Due to the different legal interpretations in some EU member states regarding the applicable calculation methodology, a retroactive calculation in accordance with the co-digestion methodology can be waived if the necessary data for this is demonstrably not available.

Your REDcert Team

REDcert-Info

In this REDcert-Info:

GHG calculation in case of co-digestion

Page 01 | 02

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FEBRUARY 2024 | ISSUE 02

GHG calculation in case of co-digestion

In its Nabisy Newsletter No. 16 of February 22nd 2024 (see attachment), the BLE announced that, in deviation from the calculation methodology prescribed in Annex VI Part B of Directive (EU) 2018/2001, in the case of co-digestion of several substrates in a biogas plant in the form of a total value in Nabisy, a subsequent allocation of the substrate-specific actual GHG emissions and the issuing of Nabisy certificates for each individual feedstock remains possible.

What does this mean for biogas plants certified under REDcert and SURE?

According to the legal requirements for co-digestion, which the EU Commission explicitly pointed out in the course of the most recent system update and which remain binding for REDcert/SURE, an averaged value must be calculated for the GHG calculation according to the method listed above.

REDcert-Info | Page 01

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https://www.redcert.org/images/REDcert_Info/EN/REDcert-Info_02_EN.pdf

ISCC System Update (1 Marts 2024)

3. ISCC EU: Information Letter from Nabisy Database

We herewith inform you about the 16th Nabisy information letter dated 22 February 2024 from the German Federal Office for Agriculture and Food (BLE). The letter contains information for users of the Nabisy database on the calculation of greenhouse gas values in case of co-digestion.

The letter is available on the website of the BLE in [English](#) and [German](#). Please share this information with all relevant members of staff within your organisation.

<https://www.iscc-system.org/updates/4-march-2024/>

Union Database

**Oplysninger om råvarer
(fra første indsamlingssted)**

Bæredygtighedsegenskaber

21 November 2024

Materiale-konvertering

Leverandør informationer

**Transaktionsdata vedr.
køb og salg af råvarer eller
brændstoffer**

Drivhusgasemissionsbesparelser

Successfully registered Economic Operators

1. De har påbegyndt adgang til UDB-profilen ved modtagelse af UDB-invitationslinket via e-mail.

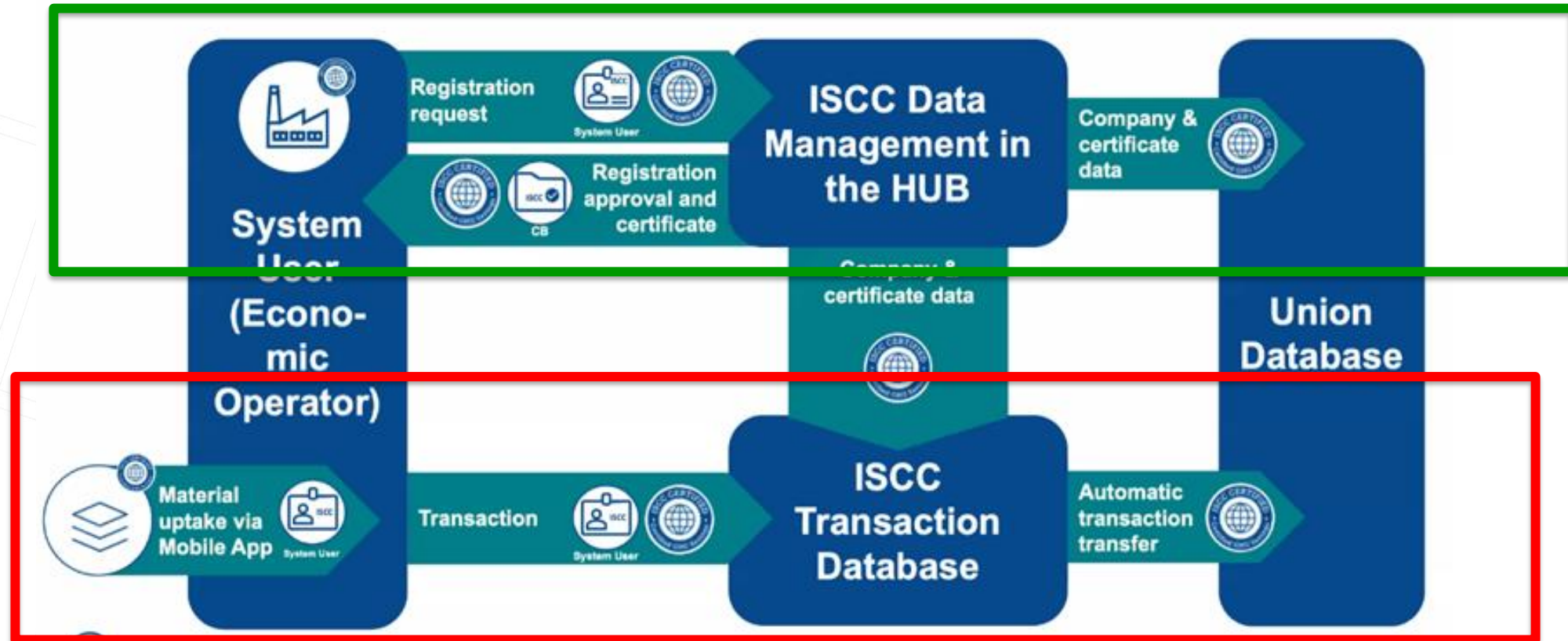
2. Kontoen er sat som "active" og ikke "in review".

For at modtage den "aktive" status skal Systembrugere udfylde "National Trade Register Identification (NTR ID)" i UDB under Min Organisation-siden

3. Det aktuelt gyldige certifikat er blevet onboardet

ISCC HUB og UDB

”One stop shopping” – digital ISCC environment



TAK

