Proof of Sustainability for Biofuels, Bioliquids and Biomass Fuels

V3.1

For Biofuels, Bioliquids and Biomass fuels according to the Revised Renewable Energy Directive (EU) 2018/2001 (RED III)

Unique Number of Proof of Sustainability:	EU-REDcert-PoS	-	YYYYMMDD	-	XXXXXX
Date of Physical Supply:	DD.MM.YYYY				
Date of Issuance:	DD.MM.YYYY				
Contract Number:					

Supplier

Name
company
Address
street, no.
postal code, city
country

Recipient

Name
company
Address
street, no.
postal code, city
country

Certification Scheme: **REDcert-EU**

Certificate Number: EU-REDcert-XXX-XXXXXXXX

Transaction data

Place of dispatch
physical loading, logistical facility or gas grid entry point
☐ same address as the supplier

Address
street, no.
postal code, city
country

Place of reciept
physical delivery, logistical facility or gas grid exit point
☐ same address as the recipient

Address
street, no.
postal code, city
country

Date of physical loading: DD.MM.YYYY

General information

Type of Fuel:	
Type of Raw Material:	
Additional Information:	
Country of Origin: (Raw Material)	PLEASE SELECT
Quantity:	☐ m^3 ☐ mt
Energy Content:	MJ
Mass Balance Option:	Mass balance

Sustainability criteria of the biomass according to Article 29 RED III

The raw material stems from agriculture and meets the relevant sustainability criteria set out in Article 29(2) - (5) of RED III.[1)]	☐ yes	☐ no
The raw material stems from forestry and meets the sustainability criteria set out in Article 29(6) and (7) of RED III. The conformity with these criteria has been demonstrated upstream via a recognised voluntary scheme.[2)]	☐ yes	☐ no
The raw material is a waste or residue in accordance with RED III. The sustainability requirements set out in Article 29(2) - (7) do not apply.[3)]	☐ yes	☐ no

Information about any incentive/subsidy (e.g. for biogas/biomethane)

Is there any incentive/subsidy in the renewable energy sector the material may have received so far? ☐ yes ☐ no

If yes, please specify

Greenhouse Gas (GHG) information

Total default value according to RED applied ☐ yes ☐ no

e_{ec} + e_{ec}* + e_l + e_p + e_p** + e_{td} + e_{td}*** + e_u - e_{sca} - e_{ccs} - e_{ccr}

E = gCO$_2$eq/MJ

Calculation of GHG emission savings for biofuels/biomass fuels ☐ yes ☐ no

ΔE = for biofuels/biomass fuels (94 gCO$_2$eq/MJ)

Calculation of GHG emission savings for electricity and/or heat production ☐ yes ☐ no

Electrical efficiency (ηel)		Heat efficiency (ηh)	
Fraction of exergy in the electricity (Cel)		Carnot efficiency (Ch)	

ΔE_{el} = % for bioliquids (for energy installations delivering electricity (183 gCO$_2$eq/MJ))

ΔE_h = % for bioliquids (for energy installations delivering only heat (80 gCO$_2$eq/MJ))

ΔE_{el} = % for bioliquids (for the electricity or mechanical energy coming from energy installations delivering useful heat together with electricity and/or mechanical energy (183 gCO$_2$eq/MJ))

ΔE_h = % for bioliquids (for the useful heat coming from energy installations delivering heat together with electricity and/or mechanical energy 80 gCO$_2$eq/MJ))

Date when the installation started operation[4)]

Note: GHG emission savings shall be at least 50% for biofuels/bioliquids/biomass fuels produced in installations starting operation before 6 October 2015, at least 60% for biofuels/bioliquids/biomass fuels produced in installations starting operation from 6 October 2015 and at least 65% for biofuels/bioliquids/biomass fuels starting operation from 1 January 2021.

[1)] Applicable for biomass produced from agricultural (e.g. rapeseed, corn) and to residues derived not from forestry but from agricultural land (e.g. straw, harvest residues)

[2)] Applicable for forest biomass. Please note that the REDcert-EU scheme is not recognised for demonstrating compliance with Article 29(6) and (7). Therefore, in order to answer "yes", the conformity of the forest biomass must already have been demonstrated upstream by an economic operator certified in accordance with a recognised voluntary scheme (e.g. SURE EU).

[3)] Applicable for waste and residues that do not originate from agricultural or forestry land (e.g. used cooking oil, manure).

[4)] An installation is deemed to be in operation if it produces biofuels, bioliquids, or biomass fuels for the first time in accordance with its intended purpose after establishing that it is technically ready for operation. The date the installation became operational does not change if individual technical or structural parts are replaced after initial start-up.

* Disaggregated default values for cultivation: 'e_{ec}' – for soil N_2O emissions only (these are already included in the disaggregated values for cultivation emissions in the 'e_{ec}' table of the RED III)

** Disaggregated default values for oil extraction only (these are already included in the disaggregated values for processing emissions in the 'e_p' table of the RED III)

*** Disaggregated default values for transport and distribution of final fuel only (these are already included in the table of 'transport and distribution emissions e_{td}' of the RED III)