

Proof of Sustainability for Biofuels, Bioliquids and Biomass fuels

V3.0

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:	Unique contract number				



Supplier	Recipient
Name company	Name company
Address street, no. postal code, city country	Address street, no. postal code, city country
Certification Scheme: REDcert-EU	Certificate Number EU-REDcert-XXX-XXXXXXXXXX

Transaction data

Place of dispatch	Place of receipt
physical loading, logistical facility, distribution exit point OR gas grid entry point <input type="checkbox"/> same address as the supplier	physical delivery, logistical facility, distribution entry point OR gas grid exit point <input type="checkbox"/> same address as the recipient
Address street, no. postal code, city country	Address street, no. postal code, city country
Date of physical loading	

General Information

Type of Fuel	
Type of Raw Material	
Additional Information (optional)	
Country of Origin (of the raw material)	PLEASE SELECT
Country of Fuel Production	PLEASE SELECT
Mass Balance Option	PLEASE SELECT
Quantity	<input type="text"/> m ³ <input type="text"/> mt (metric tons)
Energy content	MJ

Sustainability criteria of the biomass according to Article 29 RED III

The material complies with the sustainability criteria according to Art. 29 (3), (4) and (5) RED III ¹⁾ (agriculture crop)	<input type="checkbox"/> yes <input type="checkbox"/> no
The sustainability criteria according to Art. 29 (2) RED III were taken into account ²⁾ (agriculture residues)	<input type="checkbox"/> yes <input type="checkbox"/> no
The sustainability criteria according to Art. 29 (3), (4) and (5) RED III were not taken into account ³⁾	<input type="checkbox"/> yes <input type="checkbox"/> 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?	<input type="checkbox"/> yes <input type="checkbox"/> no
If yes, please specify	

Greenhouse Gas (GHG) information

Total default value according to RED applied	<input type="checkbox"/> yes <input type="checkbox"/> no
$e_{ec} + e_{ec}^{**} + e_l + e_p + e_p^{**} + e_{td} + e_{td}^{***} + e_u - e_{sca} - e_{ccs} - e_{ccr} = E$	

Calculation of GHG emission⁴⁾ savings for biofuels/biomass fuels

<input type="text"/> for biofuels/biomass fuels (94 gCO ₂ eq/MJ)	<input type="checkbox"/> yes <input type="checkbox"/> no
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Calculation of GHG emission⁴⁾ savings for electricity and/or heat production

Electrical efficiency (η _{el})	<input type="text"/> %	Heat efficiency (η _h)	<input type="text"/> %
Fraction of exergy in the electricity (C _{el})	<input type="text"/> %	Carnot efficiency (C _h)	<input type="text"/> %
<input type="text"/> for bioliquids (for energy installations delivering electricity (183 gCO ₂ eq/MJ))			
<input type="text"/> for bioliquids (for energy installations delivering only heat (80 gCO ₂ eq/MJ))			
<input type="text"/> 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))			
<input type="text"/> 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 operation⁵⁾

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 from agricultural, aquaculture, fisheries and forestry including residues from agricultural, aquaculture, fisheries and forestry residues

²⁾ Applicable for waste and residues other than agricultural, aquaculture, fisheries and forestry residues

³⁾ Applicable for waste and residues other than agricultural, aquaculture, fisheries and forestry residues

⁴⁾ Saving is calculated automatically based on the fossil fuel comparator according to the RED: $(EF - EB)/EF$ where EB = total emissions from the biofuels/bioliquids/biomass fuels and EF = total emissions from the fossil fuel comparator

⁵⁾ 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 N₂O 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)