

Proof of Sustainability (PoS) for Biofuels, Bioliquids and Biomass fuels

V1.1

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

Unique Number of Proof of Sustainability: - -

Place and Date of Physical Supply:

Date of Issuance:



Supplier	Recipient
Name company	Name company
Address street city country	Address street city country
Certification Scheme: REDcert-EU	
Certificate Number EU-REDcert-XXX-XXXXXXXX	Contract Number

General Information

Type of Product

Type of Raw Material

Additional Information (optional)

Country of Origin (of the raw material)

Mass Balance Option

Quantity m³ mt (metric tons)

Energy content MJ

Sustainability criteria of the biomass according to Article 29 RED II

The material complies with the sustainability criteria according to Art. 29 (3), (4) and (5) RED II ¹⁾

The sustainability criteria according to Art. 29 (3), (4) and (5) RED II were not taken into account ²⁾

Greenhouse Gas (GHG) information

Total default value according to RED applied yes no

$$E_{ec} + E_{el} + E_p + E_{td} + E_u - E_{sca} - E_{ccs} - E_{ccr} = E$$

GHG emission saving ³⁾
 for biofuels/biomass fuels (94 gCO₂eq/MJ)

In case of electricity and/or heat production

Electrical efficiency (η_{el}) % Heat efficiency (η_h) %
 Fraction of exergy in the electricity (C_{el}) 100 % Carnot efficiency (Ch) %

GHG emission saving ³⁾
 for bioliquids (for energy installations delivering electricity (183 gCO₂eq/MJ))
 for bioliquids (for energy installations delivering only heat (80 gCO₂eq/MJ))
 for bioliquids (for the electricity or mechanical energy coming from energy installations delivering useful heat together with electricity and/or mechanical energy (183 gCO₂eq/MJ))
 for bioliquids (for the useful heat coming from energy installations delivering heat together with electricity and/or mechanical energy (80 gCO₂eq/MJ))

The installation where the final biofuels/bioliquids/biomass fuels was produced started physical production of biofuels/bioliquids/biomass from 6 October 2015 until 31 December 2020 yes no

The installation where the final biofuels/bioliquids/biomass fuels was produced started physical production of biofuels/bioliquids/biomass from 1 January 2021 yes no

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⁾ 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