

SLOVENSKI STANDARD
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Merila vzdržnosti za proizvodnjo biogoriv in biotekočin za uporabo v energetiki - Načela, merila, kazalniki in preverjalniki - 1. del: Terminologija

Sustainability criteria for the production of biofuels and bioliquids for energy applications - Principles, criteria, indicators and verifiers - Part 1: Terminology

Nachhaltigkeitskriterien für die Herstellung von Biokraftstoffen und flüssigen Biobrennstoffen für Energieanwendungen - Grundsätze, Kriterien, Indikatoren und Prüfer - Teil 1: Terminologie

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27.190	Biološki viri in drugi alternativni viri energije	Biological sources and alternative sources of energy

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Full standard:
<https://standards.iteh.ai/cora-log/standards/sist/7589b19f-7c6c-4b73-b455-21799a4f41b3/sist-en-16214-1-2012-afpra1-2019>

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English Version

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This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 383.

This draft amendment A1, if approved, will modify the European Standard EN 16214-1:2012. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN 16214-1:2012/prA1:2018) has been prepared by Technical Committee CEN/TC 383 “Sustainably produced biomass for energy applications”, the secretariat of which is held by NEN.

This document is currently submitted to the CEN Enquiry.

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EN 16214-1:2012/prA1:2018 (E)**1 Modification to Introduction**

Add as a new third paragraph:

Directive 2015/1513 [3], referred to as the ILUC Directive, amends both the RED and the FQD.

2 Modifications to the Scope

Replace the second sentence with the following:

This document specifically considers some relevant terms and definitions used in the European Commission Directive 2009/28/EC [1], referred to as Renewable Energy Directive (RED), and in the European Commission Directive 2009/30/EC [2] referred to as Fuel Quality Directive (FQD), both amended by European Parliament and Council Directive 2015/1513, referred to as the ILUC Directive [3], or in other European regulations.

3 Modifications to Clause 2

Add a new 2.4, renumber all following terms and change references throughout the text accordingly:

2.4 agricultural, aquaculture, fisheries and forestry residues
residues (2.75) that are directly generated by agriculture, aquaculture, fisheries and forestry; they do not include residues from related industries or processing.

Note 1 to entry: List of feedstocks and fuels whose contribution towards the target are considered by Directive 2015/1513 [3] to be twice their energy content can be found in Annex A.

[SOURCE: Directive 2015/1513]

Add a second Note to entry to definition 2.9 "biofuel":

Note 2 to entry: List of feedstocks and fuels whose contribution towards the target are considered by Directive 2015/1513 [3] to be twice their energy content can be found in Annex A.

Add a new 2.28, renumber all following terms and change references throughout the text accordingly:

2.28 crop-based fuels
biofuels and bioliquids produced from cereal and other starch-rich crops, sugars and oil crops and from crops grown as main crops primarily for energy purposes on agricultural land

[SOURCE: Directive 2015/1513, Article 2]

Add a new 2.53, renumber all following terms and change references throughout the text accordingly:

2.53 ligno-cellulosic material
material composed of lignin, cellulose and hemicellulose such as biomass sourced from forests, woody energy crops and forest-based industries' residues and wastes

[SOURCE: Directive 2015/1513, Article 2]

Add a new 2.58, renumber all following terms and change references throughout the text accordingly:

2.58**non-food cellulosic material**

feedstocks mainly composed of cellulose and hemicellulose, and having a lower lignin content than lignocellulosic material; it includes food and feed crop residues (such as straw, stover, husks and shells), grassy energy crops with a low starch content (such as ryegrass, switchgrass, miscanthus, giant cane and cover crops before and after main crops), industrial residues (including from food and feed crops after vegetal oils, sugars, starches and protein have been extracted), and material from biowaste

[SOURCE: Directive 2015/1513]

Add a new 2.67, renumber all following terms and change references throughout the text accordingly:

2.67**processing residue**

a substance that is not the end product(s) that a production process directly seeks to produce; it is not a primary aim of the production process and the process has not been deliberately modified to produce it

Note 1 to entry: List of feedstocks and fuels whose contribution towards the target are considered by Directive 2015/1513 [3] to be twice their energy content can be found in Annex A.

[SOURCE: Directive 2015/1513]

Add a new 2.74, renumber all following terms and change references throughout the text accordingly:

2.74**renewable liquid and gaseous transport fuels of non-biological origin**

liquid or gaseous fuels other than biofuels whose energy content comes from renewable energy sources other than biomass, and which are used in transport

[SOURCE: Directive 2015/1513]

Delete current definition of residue and replace by the following, and change term number from 2.69 to 2.75 (following the addition of terms above):

2.75**residue**

processing residues [2.67] and/or agricultural, aquaculture, fisheries and forestry residues [2.4]

Note 1 to entry: List of feedstocks and fuels whose contribution towards the target are considered by Directive 2015/1513 [3] to be twice their energy content can be found in Annex A.

Note 2 to entry: For identifying a substance or object as residue refer to Annex B.

[SOURCE: Directive 2015/1513]

Add a new 2.80, renumber all following terms and change references throughout the text accordingly:

2.80**starch-rich crops**

crops comprising mainly cereals (regardless of whether only the grains are used or the whole plant, such as in the case of green maize, is used), tubers and root crops (such as potatoes, Jerusalem artichokes, sweet potatoes, cassava and yams), and corm crops (such as taro and cocoyam)

[SOURCE: Directive 2015/1513]

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Delete current definition of waste and replace by the following, and change term number from 2.84 to 2.91 (following the addition of terms above):

**2.91
waste**

any substance or object which the holder discards or intends or is required to discard

Note 1 to entry: Substances that have been intentionally modified or contaminated to meet that definition are not covered by this definition.

Note 2 to entry: List of feedstocks and fuels whose contribution towards the target are considered by Directive 2015/1513 [3] to be twice their energy content can be found in Annex A.

[SOURCE: Directive 2008/98/EC on waste, and Directive (EU) 2015/1513]

4 Addition of new normative Annex A “List of feedstocks and fuels that are considered by Directive 2015/1513 to have a double contribution to the target”

Add the following new Annex A and renumber all following annexes and change references throughout the text accordingly:

"

**Annex A
(normative)**

List of feedstocks and fuels that are considered by Directive 2015/1513 to have a double contribution to the target

Feedstocks and fuels, the contribution of which towards the target referred to in the first subparagraph of Article 3(4) in the RED shall be considered to be twice their energy content:

- a) Algae if cultivated on land or in ponds or photobioreactors.
- b) Biomass fraction of mixed municipal waste, but not separated household waste subject to recycling targets under point (a) of Article 11(2) of Directive 2008/98/EC.
- c) Bio-waste as defined in Article 3(4) of Directive 2008/98/EC from private households subject to separate collection as defined in Article 3(11) of that Directive.
- d) Biomass fraction of industrial waste not fit for use in the food or feed chain, including material from retail and wholesale and the agro-food and fish and aquaculture industry, and excluding feedstocks listed in part B of this Annex.
- e) Straw.
- f) Animal manure and sewage sludge.
- g) Palm oil mill effluent and empty palm fruit bunches.
- h) Tall oil pitch.
- i) Crude glycerine.

- j) Bagasse.
- k) Grape marcs and wine lees.
- l) Nut shells.
- m) Husks.
- n) Cobs cleaned of kernels of corn.
- o) Biomass fraction of wastes and residues from forestry and forest-based industries, i.e. bark, branches, precommercial thinnings, leaves, needles, tree tops, saw dust, cutter shavings, black liquor, brown liquor, fibre sludge, lignin and tall oil.
- p) Other non-food cellulosic material as defined in point (s) of the second paragraph of Article 2.
- q) Other ligno-cellulosic material as defined in point (r) of the second paragraph of Article 2 except saw logs and veneer logs.
- r) Renewable liquid and gaseous transport fuels of non-biological origin.
- s) Carbon capture and utilization for transport purposes, if the energy source is renewable in accordance with point (a) of the second paragraph of Article 2.
- t) Bacteria, if the energy source is renewable in accordance with point (a) of the second paragraph of Article 2.

Feedstocks, the contribution of which towards the target referred to in the first subparagraph of Article 3(4) in the RED shall be considered to be twice their energy content:

- 1) Used cooking oil.
- 2) Animal fats classified as categories 1 and 2 in accordance with Regulation (EC) No 1069/2009 of the European Parliament and of the Council

NOTE Regulation (EC) No 1069/2009 of the European Parliament and of the Council of 21 October 2009 laying down health rules as regards animal by-products and derived products not intended for human consumption and repealing Regulation (EC) No 1774/2002 (Animal by-products Regulation) (OJ L 300, 14.11.2009, p. 1).'

"

5 Modification to Annex B "Guidance on the identification of residues to use"

Replace bullet a) with the following:

EU-legislation, including the Directive 2009/28/EC [1], Directive 2015/1513 [3], and the national legislation transposing these Directives into national law;

6 Modifications to Annex C "Translation of terms"

Add all new terms in Clause 2 and update the numbering of the terms, as well as their translations into French and German.