



NEN

CEN sustainability standard

Sustainable (bio)fuels in accordance with RED

24 september 2012



- European Committee for Standardization
- Multi-stakeholder, transparent process
- CEN contributes to the objectives of the EU with voluntary technical standards which promote free trade and complete the single market
- EN standard becomes national standard in its 32 Member Countries
- Its pre-standards are called Technical Specification

CEN Technical Committee 383

“Sustainably produced biomass for energy applications”

- initiated and chaired by the Netherlands, February 2008
- originally meant to cover Cramer-criteria
- re-focused on basis of RED and specific EC letter request

“The work carried out by CEN/TC 383 is to assist economic operators in providing evidence for the provisions relating to the EU sustainability criteria for biofuels and bioliquids”



Actual situation

EN 16214: Sustainability criteria for the production of biofuels and bioliquids for energy applications - Principles, criteria, indicators and verifiers

Part 1: Terminology

Part 2: Conformity assessment including chain of custody and mass balance

Part 3: Biodiversity and environmental aspects

Part 4: Calculation method for the GHG emission balance, using a lifecycle approach

Parts 1, 3 and 4 are finalised and to be published.

Part 2 has been voted down



What our standards don't say

Sustainability is three pillars.

But for the sake of assisting economic operators for RED implementation, CEN/TC 383 has restricted the scope of the actual standards.



What our standards do say

Part 1 is a terminology document recapturing and explaining RED definitions, also adding definitions from ISO and other organizations, including guidance on defining residue

Part 2 details the Chain of Custody

What evidence needed / How to apply mass balance system?

Part 3 gives procedures, criteria and indicators to provide the required evidence for:

- production of raw material in areas for nature protection purposes;
- harvesting of raw material from highly biodiverse non-natural grassland; and
- cultivation and harvesting on peatland

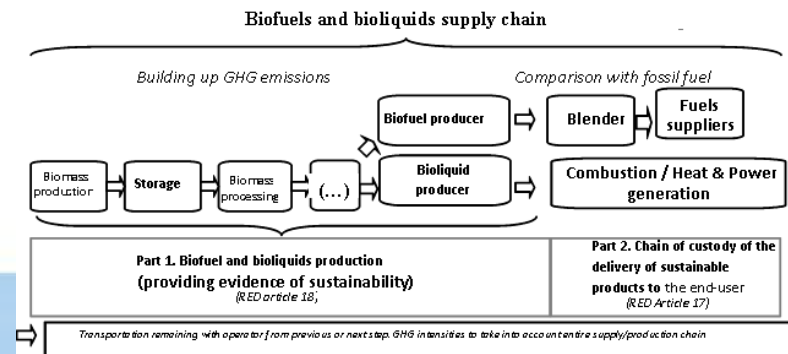
Part 4 is practical guidance to allow economic operators to apply RED GHG calculation rules correctly and consistently, in line with Biograce

CEN/TC 383 relation to RED/FQD

EN 16214 standard	EC Directive / legality
Covers RED and FQD requirements	EC requested limited part (2 and 3)
Covers liquid fuels	EC to report on solid and gaseous
Voluntary basis	No legal reference
Available to economic operators and Member States	EC refers to Part 2, 3 and 4 on EU Transparency Platform
No certification scheme, like NTA 8080 in NL or ISCC in DE	National or voluntary schemes may take advantage of harmonization

Basics behind Part 2 (CoC)

- Each economic operator is independent and responsible for his own product declaration
- Each economic operator is to be beforehand and then regularly (5 years) conformity assessed by 3rd party conformity assessment body
- Conformity assessment body needs to be accredited to perform this



So what will Part 2 bring?

- Facilitate implementation
 - Will they be applied?
 - Will voluntary schemes use it?
- Pay attention to auditing
 - It may become required
 - It may motivate harmonization
- Harmonization of voluntary schemes



Next on CEN

- Solving open issues on Part 2
- Finalization of other biodiversity areas
- Sustainability of solid and gaseous biofuels
 - solid biomass check done, decision when EC has presented its views and when legal matters settled
- Cooperation with ISO
- Incorporate iLUC
- Bio-based products (CEN/TC 411)
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Thank you for the attention

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CEN Standards assisting economic operators



Back up slides

Structure of Part 2

- 4 Principle
- 5 Requirements for conformity assessment
 - 5.1 Basic elements
 - 5.2 Requirements for economic operators
 - 5.3 Competence of CA bodies
 - 5.4 Requirements for the CA process
 - 5.5 Additional requirements about CA contracts
- 6 Requirements for CoC control - mass balance method
 - 6.1 Basic elements for application of the mass balance
 - 6.2 Product declaration - Identification of compliant consignment
 - 6.3 Management system requirements
- Annex A Possible conformity assessment procedures
- Annex B Checklists
- Annex C Example of self-declaration documents in a group-auditing scheme
- Annex D Example of use of declaration of conformity of specific consignments
- Annex E Example of mass balance
- Annex F Examples for GHG balance
- Annex G Example of product declaration
- Annex H Relationship Part 2 and Essential Requirements of RED and FQD

CA requirements

- Product declaration for each consignment on the basis of EN-ISO/IEC 17050-1 + -2
- Consignment and economic operator have to fulfill “RED” sustainability requirements
- Requirements set for CA-body competence
- Requirements for CA-process



Non-assessed economic operators are included

Non-assessed operator are not excluded in the chain

- Through recognized voluntary scheme
- Through inclusion in next operator(s)' assessment (and acceptance of the product declaration by this next operator through 2nd party assessment)
- Through a combination of the above (especially in the case of partial voluntary schemes)



Structure of Part 3

- Principle
- Location check
- 17(3)(b) – areas for nature protection purposes
- 17(3)(c)(ii) – highly biodiverse non natural grasslands
- 17(5) - peatlands
- Documentation
- Three examples of templates for provision of data
- Relationship Part 3 and the Essential Requirements RED/ FQD

