



Sustainable Biofuels Regulations Standards and Certification Workshop

**Comparison between CEN standards (pr)EN16214 series and
the Renewable Energy Directive (RED – 2009/28 EC)**

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The CEN (pr)EN16214 serie

- ❑ (pr)EN16214 consists of 4 different standards :
 - ❑ Part 1 : Terms and Definitions
 - ❑ Part 2 : Conformity Assessment including Chain of Custody and Mass Balance
 - ❑ Part 3 : Biodiversity and Environmental Aspects
 - ❑ Part 4 : Calculation methods of the greenhouse gas emission balance using a life cycle analysis approach
- ❑ Standards 1, 3 and 4 have been approved, part 2 not in its current format.

In a nutshell...

- ❑ Does the serie cover all aspects of the Renewable Energy Directive regarding biofuels and bioliquids ?
 - No. All aspects relating to Member State reporting and other obligations are not covered, for instance
 - The (pr)EN16214 serie is a tool for assisting Member States, operators and verifiers to work in a standardized way to comply with the RED
 - The serie is not a voluntary scheme. It is a Standard.
 - The serie covers more specifically art 17 to 19 of the RED, as well as correspondings annexes

The CEN (pr)EN16214 serie – part 3 content

- ❑ Part 3 covers Biodiversity and Environmental Aspects
 - ✓ Primary forest - art 17.3 (a)
 - ✓ Nature Protection Area's - art 17.3 (b)
 - ✓ Highly Biodiverse natural and non-natural Grassland - art 17.3 (c)
 - ✓ Land with high carbon stock - art 17.4
 - ✓ Peatland - art 17.5

The CEN (pr)EN16214 serie – part 4 content

- ❑ Part 4 covers the calculation methods of the greenhouse gas emission balance using a life cycle analysis approach
 - NUTS areas - art 19.2
 - Default values, calculation methods... as defined in Annex V of the RED
- ❑ Part 4 is not defining the default values themselves as they are already defined in Annex V of the RED

The CEN (pr)EN16214 serie – part 2 content

- ❑ Part 2 covers the Conformity Assessment including Chain of Custody and Mass Balance
 - Intends to ensure all data used, submitted... is trustworthy
 - Gives guidance for both operators and verifiers
 - Gives guidance for the conformity assessment process
 - Part 2 covers specifically
 - Art 17 – sustainability criteria
 - Art 18 – verification of compliance
 - Art 19 – calculation the the GHG impact
 - ... but not the Member States or Commission obligations (18.2 to 18.9)

The CEN (pr)EN16214 serie – part 2 principle

- ❑ Part 2's main principle
 - Economic operators transfer the information through the chain of custody by means of a product declaration
 - The economic operators can be assessed by an independent conformity assessment body
 - All economic operators are responsible for their own data
 - Product Declarations from (positively) assessed operators can be used by the next economic operator without further quality checks except the validity of the assessment.

- ❑ All parts have been discussed with the EC during and after their development – all OK but one example in part 2

The CEN (pr)EN16214 serie – part 2 coverage of the RED (1)

Mandatory requirements of Directive 2009/28/EC	(Sub-) clause(s) of part 2 of the (pr)EN16214 European Standard	Qualifying remarks / Notes
Article 17(1), 1st paragraph	6.2	Accountable biofuels and bioliquids
Article 17(1), 2nd paragraph Article 17(1), 2	6.2 i) 5.2	Exemptions for waste and residue Demonstration of compliance
Article 17(2)	-	GHG emission savings
Article 17(3)	5.2	Biodiversity Demonstration of compliance
Article 17(4)	5.2	Land with high carbon stock Demonstration of compliance
Article 17(5)	5.2	Peatland Demonstration of compliance
Article 17(6)	-	Good agricultural practice
Article 17(7)	-	EC report on sourcing
Article 17(8)	-	Mutual acceptance by Member States
Article 17(9)	-	Sustainability criteria for other biomass
Article 18(1)	6.1 6.3	Mass balance method Custody chain management
Article 18(1) (a)	6.1, 5th paragraph 6.2 g)	Mixing of consignments Unique referencing
Article 18(1) (b)	6.1, 6th paragraph 6.2 h)	Information about sustainability characteristics , Accumulation of data
Article 18(1) (c)	6.2 , 6.3.6	Product declaration, recording
Article 18(2)	5.1 3.6 2 k	Alternative verification methods

The CEN (pr)EN16214 serie – part 2 coverage of the RED (2)

Mandatory requirements of Directive 2009/28/EC	(Sub-) clause(s) of part 2 of the (pr)EN16214 European Standard	Qualifying remarks / Notes
Article 18(3), 1st paragraph	5.4	Auditing by Member States
Article 18(3), 2nd paragraph	5.1 , 5.2	Basic req's & demonstration of compliance
Article 18(3), 3rd paragraph	5.2, last but one paragraph	Administrative burden
Article 18(3), 4th paragraph	5.4.2.2	EU-production or import
Article 18(3), 5th paragraph	-	Member States' reporting
Article 18(4), 1st paragraph	5.2, 2nd paragraph	Bilateral agreements
Article 18(4), 2nd paragraph	5.2, 2nd paragraph 5.4	EU approved voluntary schemes Conformity assessment process
Article 18(4), 3rd paragraph	5.3, 3rd paragraph	GHG emission saving schemes
Article 18(4), 4th paragraph	-	National or regional land recovery program
Article 18(5)	5.4	Meeting adequate standards
Article 18(6)	-	EC advisory procedure
Article 18(7)	-	Acceptance of schemes
Article 18(8)	-	EC approval of biomass source
Article 18(9)(a)	-	System effectiveness reporting
Article 18(9)(b)	-	Need for mandatory requirements
Article 19(1)	5.2 , 5.3, 5.2 h)	GHG emission saving calculation
Article 19(2)	-	NUTS areas
Article 19(3)	-	Use of default values

Conclusion

- ❑ A short conclusion
 - ❑ (pr)EN16214 Parts 2 to 4 offer a comprehensive coverage of all operators and verifiers requirements as defined in the RED
 - ❑ The standards are tools, not voluntary schemes
 - ❑ They offer a potential to standardize methods and demonstration for compliance specifically of sustainability for the RED
 - ❑ They are not standards for demonstrating sustainability beyond the RED