

Directive 98/70/EC of the European Parliament and of the Council of 13 October 1998 relating to the quality of petrol and diesel fuels and amending Council Directive 93/12/EEC

*[<sup>F1</sup>Article 7d*

**Calculation of life cycle greenhouse gas emissions from biofuels**

1 For the purposes of Article 7a and Article 7b(2), life cycle greenhouse gas emissions from biofuels shall be calculated as follows:

- a where a default value for greenhouse gas emission savings for the biofuel production pathway is laid down in Part A or B of Annex IV and where the  $e_1$  value for those biofuels calculated in accordance with point 7 of Part C of Annex IV is equal to or less than zero, by using that default value;
- b by using an actual value calculated in accordance with the methodology laid down in Part C of Annex IV; or
- c by using a value calculated as the sum of the factors of the formula referred to in point 1 of Part C of Annex IV, where disaggregated default values in Part D or E of Annex IV may be used for some factors, and actual values, calculated in accordance with the methodology laid down in Part C of Annex IV, for all other factors.

2 By 31 March 2010, Member States shall submit to the Commission a report, including a list of those areas on their territory classified as level 2 in the nomenclature of territorial units for statistics (NUTS) or as a more disaggregated NUTS level in accordance with Regulation (EC) No 1059/2003 of the European Parliament and of the Council of 26 May 2003 on the establishment of a common classification of territorial units for statistics (NUTS)<sup>(1)</sup> where the typical greenhouse gas emissions from cultivation of agricultural raw materials can be expected to be lower than or equal to the emissions reported under the heading 'Disaggregated default values for cultivation' in Part D of Annex IV to this Directive, accompanied by a description of the method and data used to establish that list. That method shall take into account soil characteristics, climate and expected raw material yields.

<sup>[F23]</sup> The typical greenhouse gas emissions from cultivation of agricultural raw materials included in the reports referred to in paragraph 2 in the case of Member States, and, in the case of territories outside the Union, in reports equivalent to those referred to in paragraph 2 and drawn up by competent bodies, may be reported to the Commission.

4 The Commission may decide, by means of an implementing act adopted in accordance with the examination procedure referred to in Article 11(3), that the reports referred to in paragraph 3 of this Article contain accurate data for the purposes of measuring the greenhouse gas emissions associated with the cultivation of biofuel feedstocks typically produced in those areas for the purposes of Article 7b(2).

5 By 31 December 2012 at the latest and every two years thereafter, the Commission shall draw up and publish a report on the estimated typical and default values in Parts B and E of Annex IV, paying special attention to greenhouse gas emissions from transport and processing.

In the event that the reports referred to in the first subparagraph indicate that the estimated typical and default values in Parts B and E of Annex IV might need to be adjusted on the basis of the latest scientific evidence, the Commission shall,

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as appropriate, submit a legislative proposal to the European Parliament and to the Council.]

<sup>F3</sup>6 .....

[<sup>F2</sup>7 The Commission shall keep Annex IV under review, with a view, where justified, to the addition of values for further biofuel production pathways for the same or for other raw materials. That review shall also consider the modification of the methodology laid down in Part C of Annex IV, particularly with regard to:

- the method of accounting for wastes and residues;
- the method of accounting for co-products;
- the method of accounting for cogeneration; and
- the status given to agricultural crop residues as co-products.

The default values for waste vegetable or animal oil biodiesel shall be reviewed as soon as possible. In the event that the Commission's review concludes that additions to Annex IV should be made, the Commission shall be empowered to adopt delegated acts pursuant to Article 10a to add, but not to remove or amend, estimated typical and default values in Parts A, B, D and E of Annex IV for biofuel pathways for which specific values are not yet included in that Annex.]

Any adaptation of or addition to the list of default values in Annex IV shall comply with the following:

- a where the contribution of a factor to overall emissions is small, or where there is limited variation, or where the cost or difficulty of establishing actual values is high, default values must be typical of normal production processes;
- b in all other cases default values must be conservative compared to normal production processes.

[<sup>F2</sup>8 Where necessary in order to ensure the uniform application of point 9 of Part C of Annex IV, the Commission may adopt implementing acts setting out detailed technical specifications and definitions. Those implementing acts shall be adopted in accordance with the examination procedure referred to in Article 11(3).]]

#### Textual Amendments

- F1** Inserted by Directive 2009/30/EC of the European Parliament and of the Council of 23 April 2009 amending Directive 98/70/EC as regards the specification of petrol, diesel and gas-oil and introducing a mechanism to monitor and reduce greenhouse gas emissions and amending Council Directive 1999/32/EC as regards the specification of fuel used by inland waterway vessels and repealing Directive 93/12/EEC (Text with EEA relevance).
- F2** Substituted by Directive (EU) 2015/1513 of the European Parliament and of the Council of 9 September 2015 amending Directive 98/70/EC relating to the quality of petrol and diesel fuels and amending Directive 2009/28/EC on the promotion of the use of energy from renewable sources (Text with EEA relevance).
- F3** Deleted by Directive (EU) 2015/1513 of the European Parliament and of the Council of 9 September 2015 amending Directive 98/70/EC relating to the quality of petrol and diesel fuels and amending Directive 2009/28/EC on the promotion of the use of energy from renewable sources (Text with EEA relevance).

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(1) [<sup>F1</sup>OJ L 154, 21.6.2003, p. 1.]

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