



COMMISSION IMPLEMENTING DECISION (EU) 2025/387

of 27 February 2025

recognising under Article 31(2) and (4) of Directive (EU) 2018/2001 that the report contains accurate data for the purposes of measuring the greenhouse gas emissions associated with the cultivation of wheat, rye, winter barley, spring barley, triticale, rapeseed, grain maize, sunflower, soybean, sugar beet, potato and silage maize in Austria

(Text with EEA relevance)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Directive (EU) 2018/2001 of the European Parliament and of the Council of 11 December 2018 on the promotion of the use of energy from renewable sources ⁽¹⁾, and in particular Article 31(4) thereof,

Whereas:

- (1) Directive (EU) 2018/2001 requires biofuels, bioliquids, and biomass fuels to save significant greenhouse gas emissions compared to fossil fuels so that they can be counted towards the targets that it sets out. For this purpose, Article 29(10) sets specific emission savings thresholds for those fuels, and Article 31 governs how to calculate the greenhouse gas emission savings from their use. When making those calculations, it is possible to use the default values set out in Annexes V and VI to Directive (EU) 2018/2001. Instead of the default values of greenhouse gas emissions from the cultivation of agricultural raw materials, it is possible to use typical values under some conditions. These typical values, representing the average value in a specific area, may be reported to the Commission by Member States or third countries. The typical values may only be used if the Commission recognises them to be accurate.
- (2) On 16 October 2024, Austria submitted to the Commission the final report with data for the purposes of measuring the greenhouse gas emissions associated with the cultivation of wheat, rye, winter barley, spring barley, triticale, rapeseed, grain maize, sunflower, soybean, sugar beet, potato and silage maize typically produced in areas on its territory classified as level 2 in the nomenclature of territorial units for statistics (NUTS), in accordance with Regulation (EC) No 1059/2003 of the European Parliament and of the Council ⁽²⁾. Austria asked for the data to be recognised as accurate in line with Article 31(4) of Directive (EU) 2018/2001.
- (3) The Commission assessed the report and found that it contains accurate data for the purposes of measuring the greenhouse gas emissions associated with cultivating wheat, rye, winter barley, spring barley, triticale, rapeseed, grain maize, sunflower, soybean, sugar beet, potato and silage maize typically produced in NUTS 2 regions in Austria.
- (4) The measures provided for in this Decision are in accordance with the opinion of the Committee on the Sustainability of Biofuels, Bioliquids and Biomass Fuels,

⁽¹⁾ OJ L 328, 21.12.2018, p. 82, ELI: <http://data.europa.eu/eli/dir/2018/2001/oj>.

⁽²⁾ 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) (OJ L 154, 21.6.2003, p. 1, ELI: <http://data.europa.eu/eli/reg/2003/1059/oj>).

HAS ADOPTED THIS DECISION:

Article 1

The report submitted by Austria to the Commission on 16 October 2024 is recognised to contain accurate data for the purposes of measuring the greenhouse gas emissions associated with the cultivation of wheat, rye, winter barley, spring barley, triticale, rapeseed, grain maize, sunflower, soybean, sugar beet, potato and silage maize typically produced in NUTS 2 regions in Austria, pursuant to Article 31(4) of Directive (EU) 2018/2001. The summary of the report's data is included in the Annex.

Article 2

If the data contained in the report as submitted for recognition to the Commission on 16 October 2024, changes in a way that might affect the accuracy of the data and consequently the basis for this Decision, Austria shall notify the Commission of such changes immediately. The Commission services shall assess the notified changes to determine whether the report still provides the accurate data for which it is recognised.

Article 3

This Decision shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

It shall cease to apply on 24 March 2030.

Done at Brussels, 27 February 2025.

For the Commission
The President
Ursula VON DER LEYEN

ANNEX

Greenhouse gas emissions arising from the cultivation of wheat in the Austrian NUTS2 regions (CO₂-eq/kg wheat harvested on dry matter basis)

NUTS 2 region according to Regulation (EC) No 1059/2003	Soil N ₂ O		Embedded			Fuel Use	Seed	Total
	Direct	Indirect	Fertilizer	Neutralization	Pesticide			
AT 11 Burgenland	101,1	21,6	30,2	15,5	5,4	56,9	9,6	240,3
AT 21 Kärnten	101,1	21,6	30,2	15,5	4,4	46,2	7,8	226,8
AT 12 Niederösterreich	101,1	21,6	30,2	15,5	6,6	50,5	8,5	234,0
AT 31 Oberösterreich	101,1	21,6	30,2	15,5	3,4	37,8	6,4	216,0
AT 32 Salzburg	101,1	21,6	30,2	15,5	6,2	47,9	8,1	230,5
AT 22 Steiermark	101,1	21,6	30,2	15,5	5,9	44,9	7,6	226,8
AT 33 Tirol	101,1	21,6	30,2	15,5	5,3	55,5	9,4	238,5
AT 34 Vorarlberg	101,1	21,6	30,2	15,5	10,5	80,1	13,5	272,5
AT 13 Wien	101,1	21,6	30,2	15,5	5,1	53,5	9,0	236,0

Greenhouse gas emissions arising from the cultivation of rye in the Austrian NUTS2 regions (CO₂-eq/kg rye harvested on dry matter basis)

NUTS 2 region according to Regulation (EC) No 1059/2003	Soil N ₂ O		Embedded			Fuel Use	Seed	Total
	Direct	Indirect	Fertilizer	Neutralization	Pesticide			
AT 11 Burgenland	83,8	17,9	26,4	12,9	0,1	72,6	9,7	223,3
AT 21 Kärnten	83,8	17,9	26,4	12,9	0,1	49,7	6,6	197,4
AT 12 Niederösterreich	83,8	17,9	26,4	12,9	0,1	56,4	7,5	205,0
AT 31 Oberösterreich	83,8	17,9	26,4	12,9	-	53,6	7,1	201,7
AT 32 Salzburg	83,8	17,9	26,4	12,9	-	66,5	8,8	216,2
AT 22 Steiermark	83,8	17,9	26,4	12,9	-	57,3	7,6	205,9
AT 33 Tirol	83,8	17,9	26,4	12,9	-	57,8	7,7	206,4
AT 34 Vorarlberg	83,8	17,9	26,4	12,9	0,1	60,3	8,0	209,4
AT 13 Wien	83,8	17,9	26,4	12,9	0,1	58,4	7,8	207,2

Greenhouse gas emissions arising from the cultivation of winter barley in the Austrian NUTS2 regions (CO₂-eq/kg winter barley harvested on dry matter basis)

NUTS 2 region according to Regulation (EC) No 1059/2003	Soil N ₂ O		Embedded			Fuel Use	Seed	Total
	Direct	Indirect	Fertilizer	Neutralization	Pesticide			
AT 11 Burgenland	94,3	20,1	28,7	14,5	3,4	53,9	8,6	223,5
AT 21 Kärnten	94,3	20,1	28,7	14,5	6,4	46,6	7,4	218,0

NUTS 2 region according to Regulation (EC) No 1059/2003	Soil N ₂ O		Embedded			Fuel Use	Seed	Total
	Direct	Indirect	Fertilizer	Neutralization	Pesticide			
AT 12 Niederösterreich	94,3	20,1	28,7	14,5	3,1	46,7	7,4	214,9
AT 31 Oberösterreich	94,3	20,1	28,7	14,5	5,6	38,7	6,2	208,1
AT 32 Salzburg	94,3	20,1	28,7	14,5	6,8	51,7	8,2	224,3
AT 22 Steiermark	94,3	20,1	28,7	14,5	5,8	44,3	7,0	214,8
AT 33 Tirol	94,3	20,1	28,7	14,5	5,9	49,4	7,8	220,7
AT 34 Vorarlberg	94,3	20,1	28,7	14,5	6,0	50,3	8,0	221,8
AT 13 Wien	94,3	20,1	28,7	14,5	3,3	49,7	7,9	218,5

Greenhouse gas emissions arising from the cultivation of spring barley in the Austrian NUTS2 regions (CO₂-eq/kg spring barley harvested on dry matter basis)

NUTS 2 region according to Regulation (EC) No 1059/2003	Soil N ₂ O		Embedded			Fuel Use	Seed	Total
	Direct	Indirect	Fertilizer	Neutralization	Pesticide			
AT 11 Burgenland	79,1	16,9	25,3	12,1	3,6	52,2	10,0	199,3
AT 21 Kärnten	79,1	16,9	25,3	12,1	5,2	45,1	8,7	192,4
AT 12 Niederösterreich	79,1	16,9	25,3	12,1	4,1	45,2	8,7	191,5
AT 31 Oberösterreich	79,1	16,9	25,3	12,1	3,0	37,5	7,2	181,2
AT 32 Salzburg	79,1	16,9	25,3	12,1	2,5	41,0	7,9	184,9
AT 22 Steiermark	79,1	16,9	25,3	12,1	4,9	42,9	8,3	189,6
AT 33 Tirol	79,1	16,9	25,3	12,1	1,8	47,8	9,2	192,2
AT 34 Vorarlberg	79,1	16,9	25,3	12,1	4,4	48,6	9,4	195,8
AT 13 Wien	79,1	16,9	25,3	12,1	2,9	48,1	9,3	193,7

Greenhouse gas emissions arising from the cultivation of triticale in the Austrian NUTS2 regions (CO₂-eq/kg triticale harvested on dry matter basis)

NUTS 2 region according to Regulation (EC) No 1059/2003	Soil N ₂ O		Embedded			Fuel Use	Seed	Total
	Direct	Indirect	Fertilizer	Neutralization	Pesticide			
AT 11 Burgenland	94,3	20,1	28,7	14,5	0,2	75,8	13,0	246,6
AT 21 Kärnten	94,3	20,1	28,7	14,5	0,1	53,9	9,2	220,9
AT 12 Niederösterreich	94,3	20,1	28,7	14,5	0,1	53,4	9,2	220,3
AT 31 Oberösterreich	94,3	20,1	28,7	14,5	0,1	46,7	8,0	212,4
AT 32 Salzburg	94,3	20,1	28,7	14,5	0,1	54,6	9,4	221,7
AT 22 Steiermark	94,3	20,1	28,7	14,5	0,1	49,1	8,4	215,2

NUTS 2 region according to Regulation (EC) No 1059/2003	Soil N ₂ O		Embedded			Fuel Use	Seed	Total
	Direct	Indirect	Fertilizer	Neutralization	Pesticide			
AT 33 Tirol	94,3	20,1	28,7	14,5	0,1	50,0	8,6	216,3
AT 34 Vorarlberg	94,3	20,1	28,7	14,5	0,1	48,3	8,3	214,3
AT 13 Wien	94,3	20,1	28,7	14,5	0,1	55,3	9,5	222,5

Greenhouse gas emissions arising from the cultivation of rapeseed in the Austrian NUTS2 regions (CO₂-eq/kg rapeseed harvested on dry matter basis)

NUTS 2 region according to Regulation (EC) No 1059/2003	Soil N ₂ O		Embedded			Fuel Use	Seed	Total
	Direct	Indirect	Fertilizer	Neutralization	Pesticide			
AT 11 Burgenland	172,8	36,9	53,5	26,5	1,9	109,4	1,1	402,1
AT 21 Kärnten	172,8	36,9	53,5	26,5	10,2	107,0	1,1	408,0
AT 12 Niederösterreich	172,8	36,9	53,5	26,5	1,8	102,3	1,0	394,9
AT 31 Oberösterreich	172,8	36,9	53,5	26,5	7,9	80,4	0,8	378,9
AT 32 Salzburg	172,8	36,9	53,5	26,5	8,2	85,9	0,9	384,7
AT 22 Steiermark	172,8	36,9	53,5	26,5	6,7	85,2	0,9	382,5
AT 33 Tirol	172,8	36,9	53,5	26,5	-	101,3	1,0	392,1
AT 34 Vorarlberg	172,8	36,9	53,5	26,5	-	107,2	1,1	398,1
AT 13 Wien	172,8	36,9	53,5	26,5	2,0	115,6	1,2	408,5

Greenhouse gas emissions arising from the cultivation of grain maize in the Austrian NUTS2 regions (CO₂-eq/kg grain maize harvested on dry matter basis)

NUTS 2 region according to Regulation (EC) No 1059/2003	Soil N ₂ O		Embedded			Fuel Use	Seed	Total
	Direct	Indirect	Fertilizer	Neutralization	Pesticide			
AT 11 Burgenland	65,5	14,0	21,6	10,0	1,2	35,5	0,8	148,6
AT 21 Kärnten	65,5	14,0	21,6	10,0	3,8	27,7	0,6	143,2
AT 12 Niederösterreich	65,5	14,0	21,6	10,0	1,1	30,6	0,7	143,4
AT 31 Oberösterreich	65,5	14,0	21,6	10,0	3,6	26,6	0,6	141,9
AT 32 Salzburg	65,5	14,0	21,6	10,0	3,9	29,0	0,7	144,7
AT 22 Steiermark	65,5	14,0	21,6	10,0	3,5	25,0	0,6	140,2
AT 33 Tirol	65,5	14,0	21,6	10,0	3,8	28,4	0,6	143,9
AT 34 Vorarlberg	65,5	14,0	21,6	10,0	3,7	26,9	0,6	142,3
AT 13 Wien	65,5	14,0	21,6	10,0	1,2	34,1	0,8	147,1

Greenhouse gas emissions arising from the cultivation of sunflower in the Austrian NUTS2 regions (CO₂-eq/kg sunflower harvested on dry matter basis)

NUTS 2 region according to Regulation (EC) No 1059/2003	Soil N ₂ O		Embedded			Fuel Use	Seed	Total
	Direct	Indirect	Fertilizer	Neutralization	Pesticide			
AT 11 Burgenland	136,2	29,1	54,1	20,9	8,4	119,0	1,5	369,1
AT 21 Kärnten	136,2	29,1	54,1	20,9	8,2	116,4	1,5	366,3
AT 12 Niederösterreich	136,2	29,1	54,1	20,9	7,5	105,7	1,4	354,8
AT 31 Oberösterreich	136,2	29,1	54,1	20,9	8,9	126,8	1,6	377,6
AT 32 Salzburg	136,2	29,1	54,1	20,9	8,0	112,9	1,5	362,5
AT 22 Steiermark	136,2	29,1	54,1	20,9	7,3	104,2	1,3	353,1
AT 33 Tirol	136,2	29,1	54,1	20,9	-	108,0	1,4	349,6
AT 34 Vorarlberg	136,2	29,1	54,1	20,9	8,0	113,0	1,5	362,7
AT 13 Wien	136,2	29,1	54,1	20,9	7,8	110,4	1,4	359,8

Greenhouse gas emissions arising from the cultivation of soybean in the Austrian NUTS2 regions (CO₂-eq/kg soybean harvested on dry matter basis)

NUTS 2 region according to Regulation (EC) No 1059/2003	Soil N ₂ O		Embedded			Fuel Use	Seed	Total
	Direct	Indirect	Fertilizer	Neutralization	Pesticide			
AT 11 Burgenland	10,5	2,2	20,8	1,6	24,7	124,3	-	184,2
AT 21 Kärnten	10,5	2,2	20,8	1,6	22,8	114,7	-	172,6
AT 12 Niederösterreich	10,5	2,2	20,8	1,6	22,8	114,7	-	172,7
AT 31 Oberösterreich	10,5	2,2	20,8	1,6	20,3	101,7	-	157,1
AT 32 Salzburg	10,5	2,2	20,8	1,6	20,7	103,9	-	159,7
AT 22 Steiermark	10,5	2,2	20,8	1,6	19,2	96,6	-	150,9
AT 33 Tirol	10,5	2,2	20,8	1,6	18,8	94,3	-	148,2
AT 34 Vorarlberg	10,5	2,2	20,8	1,6	22,4	112,3	-	169,8
AT 13 Wien	10,5	2,2	20,8	1,6	25,1	125,9	-	186,1

Greenhouse gas emissions arising from the cultivation of sugar beet in the Austrian NUTS2 regions (CO₂-eq/kg sugar beet harvested on dry matter basis)

NUTS 2 region according to Regulation (EC) No 1059/2003	Soil N ₂ O		Embedded			Fuel Use	Seed	Total
	Direct	Indirect	Fertilizer	Neutralization	Pesticide			
AT 11 Burgenland	39,3	8,4	17,8	6,0	6,7	45,2	0,7	124,1
AT 21 Kärnten	39,3	8,4	17,8	6,0	7,2	43,1	0,7	122,5
AT 12 Niederösterreich	39,3	8,4	17,8	6,0	6,0	41,0	0,6	119,1

NUTS 2 region according to Regulation (EC) No 1059/2003	Soil N ₂ O		Embedded			Fuel Use	Seed	Total
	Direct	Indirect	Fertilizer	Neutralization	Pesticide			
AT 31 Oberösterreich	39,3	8,4	17,8	6,0	5,4	31,7	0,5	109,1
AT 32 Salzburg	39,3	8,4	17,8	6,0	7,1	42,0	0,7	121,2
AT 22 Steiermark	39,3	8,4	17,8	6,0	7,3	43,9	0,7	123,3
AT 33 Tirol	39,3	8,4	17,8	6,0	7,4	44,3	0,7	123,9
AT 34 Vorarlberg				-		-	-	
AT 13 Wien				-		-	-	

Greenhouse gas emissions arising from the cultivation of potato in the Austrian NUTS2 regions (CO₂-eq/kg potato harvested on dry matter basis)

NUTS 2 region according to Regulation (EC) No 1059/2003	Soil N ₂ O		Embedded			Fuel Use	Seed	Total
	Direct	Indirect	Fertilizer	Neutralization	Pesticide			
AT 11 Burgenland	83,3	17,8	40,2	12,8	12,2	61,4	83,3	311,0
AT 21 Kärnten	83,3	17,8	40,2	12,8	16,1	81,1	110,1	361,4
AT 12 Niederösterreich	83,3	17,8	40,2	12,8	13,4	67,5	91,6	326,5
AT 31 Oberösterreich	83,3	17,8	40,2	12,8	14,3	65,1	88,4	321,9
AT 32 Salzburg	83,3	17,8	40,2	12,8	16,0	80,5	109,3	359,9
AT 22 Steiermark	83,3	17,8	40,2	12,8	14,2	71,7	97,3	337,3
AT 33 Tirol	83,3	17,8	40,2	12,8	18,5	93,3	126,7	392,6
AT 34 Vorarlberg	83,3	17,8	40,2	12,8	-	77,1	104,7	336,0
AT 13 Wien	83,3	17,8	40,2	12,8	14,0	63,9	86,8	318,8

Greenhouse gas emissions arising from the cultivation of silage maize in the Austrian NUTS2 regions (CO₂-eq/kg silage maize harvested on dry matter basis)

NUTS 2 region according to Regulation (EC) No 1059/2003	Soil N ₂ O		Embedded			Fuel Use	Seed	Total
	Direct	Indirect	Fertilizer	Neutralization	Pesticide			
AT 11 Burgenland	34,9	7,5	16,7	5,4	1,5	19,4	0,3	85,6
AT 21 Kärnten	34,9	7,5	16,7	5,4	1,4	18,0	0,2	84,2
AT 12 Niederösterreich	34,9	7,5	16,7	5,4	1,4	18,2	0,2	84,4
AT 31 Oberösterreich	34,9	7,5	16,7	5,4	1,4	17,9	0,2	84,0
AT 32 Salzburg	34,9	7,5	16,7	5,4	1,4	17,5	0,2	83,6
AT 22 Steiermark	34,9	7,5	16,7	5,4	1,4	18,1	0,2	84,2
AT 33 Tirol	34,9	7,5	16,7	5,4	1,4	17,7	0,2	83,8
AT 34 Vorarlberg	34,9	7,5	16,7	5,4	1,3	16,8	0,2	82,8
AT 13 Wien	34,9	7,5	16,7	5,4	1,5	19,1	0,3	85,3