

11. KP-LULUCF

Resubmission 2022 EU GHG inventory: Accompanying document on KP-LULUCF Information

Being this the last year for reporting LULUCF information under the KP-CP2, the EU has decided to resubmit its 2022 greenhouse gas inventory to incorporate new information submitted by its Member States in respond to the UN review process. The ultimate objective is to ensure that information included in the EU inventory is the sum of emissions and removals of its 27 Member States, Iceland, and the UK. To this end, this note represents an accompanying document that complement the EU GHG inventory submitted to the UNFCCC on 27th May 2022, and the revised CRF tables submitted on 2nd December 2022.

It is important to note that each country will account for net emissions and removals for each activity under Article 3(3), and mandatory 3(4) and voluntarily, if elected, activities by issuing removals units or cancelling KP units based on their reported emissions and removals. ***The EU will neither issue, nor cancel units based on reported emissions and removals from activities under Article 3(3) and (4) .***

11.1 Areas reported under KP-LULUCF activities.

Table 1: Synthesis of total area (kha) reported under KP-LULUCF activities by EU MS, UK, and Iceland in the CRF table NIR-2. Grey cells indicate that the activity has not been elected. [Update of information in table 11.3 of the 2022 EU GHG inventory]

Country	Art. 3.3 activities		Art. 3.4 activities					TOTAL Area under KP
	AR	D	FM	CM	GM	RV	WDR	
Austria	254,2	82,3	3.803,6					4.140,2
Belgium	35,0	34,0	672,8					741,8
Bulgaria	120,4	6,5	3.798,7					3.925,6
Croatia	63,7	4,8	2.321,4					2.389,9
Cyprus	0,4	0,0	157,9					158,3
Czechia	69,5	19,6	2.607,9					2.696,9
Denmark	112,3	15,5	529,0	2.857,4	181,9			3.696,2
Estonia	56,7	34,1	2.386,8					2.477,6
Finland	212,1	472,9	21.605,6					22.290,6
France	2.396,3	1.153,1	20.592,9					24.142,3
Germany	325,8	135,6	10.692,5	13.279,3	7.022,0			31.455,3
Greece	35,3	5,9	1.247,7					1.288,9
Hungary	177,9	46,5	1.879,1					2.103,6
Ireland	333,0	20,8	446,0	743,9	4.220,4			5.764,1
Italy	2.136,6	69,9	7.441,9	8.999,8	3.948,7			22.596,9
Latvia	120,6	103,3	3.120,9					3.344,8
Lithuania	57,3	5,7	2.164,9					2.228,0
Luxembourg*	0,2	0,1	88,9					89,2
Malta	0,1	NO,NA	0,1					0,1
Netherlands	48,4	79,3	305,7					433,4
Poland	797,3	29,8	8.645,5					9.472,7
Portugal	488,3	286,6	3.852,5	2.256,3	1.745,8			8.629,6
Romania	46,1	78,3	6.943,4			94,4		7.162,2
Slovakia	51,0	9,1	1.976,9					2.037,0
Slovenia	NO,NA	27,3	1.164,2					1.191,5
Spain	1.277,0	131,1	14.418,7	20.192,0				36.018,7
Sweden	334,1	350,2	27.902,2					28.586,4
EU	9.549,8	3.202,2	150.767,5	48.328,7	17.118,9	94,4		229.061,6
United Kingdom	621,3	86,6	3.001,2	4.857,0	14.188,1		25,8	22.780,0
Iceland	49,9	0,1	94,0			325,9		469,9
EU +UK+ Iceland	10.220,9	3.288,9	153.862,8	53.185,8	31.307,0	420,3	25,8	252.311,4

* Luxembourg included in CRF table NIR-2 information on areas under CM and GM in its October resubmission to UNFCCC, although these activities were not selected. As a result, because the EU CRF tables must be compiled by direct aggregation of the

CRF tables provided by the countries, table NIR-2 of the EU GHG inventory incorporates areas of CM and GM for this country. It should be noted that this issue has not any impact on the accounting quantities reported in the country's GHG inventory, neither on the information on accounting quantities included in this note.

11.2 Summary of net emissions/removals and accounting quantities for KP-LULUCF activities.

Table 2: Net emissions and removals (kt CO₂eq.) from KP-LULUCF activities for the period 2013-2020, as reported by EU MS, UK and Iceland. Based on information reported in CRF Accounting tables. [Update of information in table 11.5 of the 2022 EU GHG inventory]

Country	Net emissions (+) and removals (-), kt CO2eq.															
	Art 3.3 activities															
	A.1 Afforestation/reforestation								A.2 Deforestation							
	2013	2014	2015	2016	2017	2018	2019	2020	2013	2014	2015	2016	2017	2018	2019	2020
AUT	-2.017,4	-2.031,2	-2.065,0	-2.098,2	-2.142,1	-2.181,1	-2.207,4	-2.219,4	536,5	524,8	518,3	511,9	505,4	499,0	492,6	486,1
BEL	-242,6	-252,3	-262,0	-276,7	-283,8	-290,8	-289,8	-296,7	421,8	424,0	426,8	730,3	740,3	749,8	734,8	743,6
BGR	-885,1	-952,2	-1.006,6	-1.071,8	-1.134,5	-1.202,2	-1.256,9	-1.327,7	161,3	74,8	210,8	177,9	189,5	86,6	243,5	119,9
HRV	-173,3	-196,2	-240,9	-340,6	-298,7	-372,7	-386,9	-395,9	38,0	20,6	49,1	20,9	15,2	14,3	19,6	16,2
CYP	-1,8	-5,8	-6,1	-5,7	-6,5	-6,7	-7,1	-7,3	0,2	0,2	0,3	0,3	0,3	0,3	0,3	0,3
CZE	-517,1	-551,3	-586,0	-608,9	-641,4	-664,0	-699,2	-712,0	257,8	256,2	215,2	244,1	259,5	198,2	201,9	247,9
DNM	-110,0	-221,2	-287,3	-278,2	-343,1	-484,8	-610,4	-275,0	70,2	170,7	677,9	563,3	44,7	415,6	213,9	514,7
EST	-279,9	-269,2	-255,4	-239,9	-222,2	-204,9	-188,6	-172,9	548,5	581,5	609,9	671,6	671,1	638,7	538,6	468,2
FIN	-720,1	-783,8	-583,4	-608,8	-578,9	-525,5	-53,9	-550,2	4.307,6	4.121,6	3.943,2	3.819,8	3.644,6	3.543,9	3.528,0	3.359,4
FRA	-13.871,1	-13.967,9	-13.392,1	-13.737,9	-13.442,6	-13.845,6	-13.862,1	-14.196,0	11.686,9	11.787,5	11.888,2	11.776,9	11.874,4	11.971,9	12.069,5	12.167,0
DEU	-621,7	-684,7	-747,9	-379,3	-467,0	-531,6	-622,8	-725,1	623,2	669,1	716,2	1.171,6	1.217,1	1.256,1	1.262,6	1.274,1
GRC	-135,9	-146,9	-124,4	-138,4	-80,1	-126,5	-120,6	-82,2	47,3	47,3	44,9	56,2	52,4	53,2	45,5	49,2
HUN	-1.270,5	-1.136,2	-1.228,9	-1.227,5	-1.314,4	-1.249,9	-1.121,8	-1.171,8	176,4	272,9	273,8	345,1	399,3	442,8	453,6	310,0
IRL	-3.699,0	-3.282,2	-3.505,5	-3.527,7	-3.254,4	-3.063,0	-2.936,8	-3.233,3	1.065,1	261,0	1.346,1	362,0	283,0	275,9	266,5	293,8
ITA	-6.257,0	-8.165,7	-8.569,9	-9.035,8	-8.299,9	-5.485,3	-7.986,9	-9.141,6	1.942,4	1.953,1	1.963,6	1.973,5	1.975,4	1.983,5	1.993,3	2.000,0
LVA	-179,8	-194,1	-208,6	-222,7	-240,7	-254,6	-273,2	-293,3	1.066,4	820,2	850,6	880,9	911,2	941,3	1.118,6	1.150,7
LTU	-167,4	-222,9	-213,7	-311,4	-264,8	-401,0	-394,7	-424,6	204,9	270,8	27,4	164,5	85,3	1.287,2	556,6	224,5
LUX	-3,5	-3,5	-3,5	-3,6	-3,6	-3,6	-3,6	-3,7	3,7	3,7	3,8	3,8	3,9	3,9	4,0	4,0
MLT	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	NO	NO	NO	NO	NO	NO	NO	NO
NLD	-841,4	-834,1	-826,3	-818,1	-832,7	-842,5	-852,4	-842,4	1.101,6	1.143,6	1.187,0	1.231,5	651,3	664,0	676,8	689,8
POL	-2.206,6	-2.183,4	-2.250,9	-2.510,0	-1.511,8	-2.268,5	-2.359,9	-2.403,5	952,5	942,5	1.033,7	5.577,9	1.882,6	1.898,9	1.917,9	1.840,9
PRT	-2.800,7	-2.638,2	-2.167,5	-1.987,3	-1.558,7	-1.886,0	-2.297,7	-2.434,4	1.212,5	1.156,2	1.122,4	954,6	921,3	829,7	794,6	768,5
ROU	-645,9	-675,7	-701,5	-724,9	-753,0	-780,6	-796,2	-803,0	1.005,4	1.004,0	1.140,2	1.141,6	1.184,3	1.182,8	1.182,4	1.165,0
SVK	-454,3	-474,5	-509,7	-536,5	-557,7	-579,6	-591,1	-600,4	46,7	68,2	66,0	30,8	61,2	121,1	42,7	49,2
SVN	NO,NA	NO,NA	NO,NA	NO,NA	NO,NA	NO,NA	NO,NA	NO,NA	250,9	251,4	252,3	253,8	255,7	256,8	259,7	262,5
ESP	-8.205,0	-7.898,6	-7.273,1	-6.801,0	-6.118,0	-5.677,5	-5.309,5	-4.792,6	639,1	636,3	632,6	631,3	630,5	629,6	629,4	629,5
SWE	-1.156,0	-1.100,0	-978,0	-1.037,5	-1.029,5	-1.044,0	-1.087,0	-1.111,4	2.941,1	3.159,6	4.286,5	2.953,5	2.711,1	2.850,9	2.996,4	2.393,2
EU	-47.463,1	-48.871,9	-47.994,1	-48.528,6	-45.380,1	-43.972,5	-46.316,4	-48.216,5	31.308,1	30.622,0	33.486,7	36.249,4	31.170,6	32.796,1	32.243,0	31.228,2
UK	-1.245,8	-1.626,2	-1.941,9	-2.317,0	-2.650,7	-2.919,6	-3.210,5	-3.526,6	1.562,0	1.581,8	2.172,3	2.017,3	1.847,0	2.359,8	2.769,6	2.250,3
ISL	-183,7	-204,3	-225,0	-244,6	-281,4	-309,2	-310,1	-337,4	0,2	0,1	0,7	0,3	0,5	0,5	0,5	0,6
EU+UK+ISL	-48.892,6	-50.702,4	-50.161,1	-51.090,1	-48.312,2	-47.201,4	-49.837,0	-52.080,5	32.870,2	32.203,9	35.659,7	38.266,9	33.018,0	35.156,3	35.013,1	33.479,1

Country	Net emissions (+) and removals (-), kt CO2eq.							
	Art. 3.4 activities							
	B.1 Forest Management							
	2013	2014	2015	2016	2017	2018	2019	2020
AUT	-1.633,9	-1.825,8	-1.671,8	-1.520,2	-2.049,7	-2.255,5	-1.723,5	-431,4
BEL	-1.864,5	-1.837,2	-1.780,2	-1.978,7	-1.863,7	-1.834,8	-1.709,1	-1.578,4
BGR	-7.671,0	-7.712,6	-7.848,8	-9.342,5	-9.533,8	-9.494,1	-9.469,2	-9.173,9
HRV	-8.132,0	-7.767,5	-7.319,4	-7.030,9	-6.201,0	-6.665,7	-6.838,7	-6.730,9
CYP	-142,3	-143,6	-142,7	94,9	-148,4	-140,5	-137,5	-137,6
CZE	-6.242,7	-6.073,5	-5.846,0	-4.970,4	-3.299,3	2.402,2	9.281,0	13.826,0
DNM	-3.377,0	-3.863,9	-3.868,1	-3.018,9	-2.390,9	-1.707,3	-1.988,6	-945,4
EST	-3.141,0	-2.657,8	-3.316,6	-3.162,4	-2.630,6	-3.088,3	-1.792,6	-23,0
FIN	-47.335,0	-46.089,7	-41.400,7	-38.782,8	-35.735,0	-26.169,4	-31.938,3	-34.799,6
FRA	-53.704,0	-47.145,6	-43.292,5	-33.076,8	-23.950,3	-20.601,8	-18.837,8	-19.728,3
DEU	-65.412,6	-65.023,5	-62.907,8	-65.764,1	-65.519,9	-63.972,2	-58.022,8	-54.098,4
GRC	-1.964,7	-1.964,7	-1.953,6	-1.922,4	-1.972,7	-2.071,6	-1.999,2	-2.016,7
HUN	-1.517,6	-2.923,8	-3.766,9	-2.987,6	-3.548,9	-3.140,6	-3.937,0	-5.309,0
IRL	-3,9	-235,2	-276,2	-40,4	479,8	218,2	117,6	302,3
ITA	-30.100,1	-31.097,4	-32.248,2	-29.064,1	-13.117,3	-24.274,6	-30.218,3	-23.179,1
LVA	-6.625,0	-938,5	-2.723,1	-1.826,0	-3.064,0	-2.295,2	-3.069,9	-1.558,8
LTU	-9.111,2	-8.078,1	-7.009,2	-5.989,9	-5.852,2	-5.705,2	-5.376,0	-5.653,3
LUX	-498,6	-427,2	-379,1	-466,2	-368,4	-203,1	-318,3	-377,1
MLT	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0
NLD	-1.393,7	-1.360,8	-1.287,6	-1.298,8	-1.251,4	-1.203,4	-1.187,1	-1.183,1
POL	-43.414,0	-36.819,3	-32.917,4	-43.888,9	-42.511,2	-40.720,1	-23.091,0	-25.050,9
PRT	3.254,8	-28,5	646,9	4.927,8	22.395,5	2.216,7	1.928,3	1.822,5
ROU	-28.230,7	-29.240,3	-28.731,0	-29.663,9	-28.176,7	-26.131,7	-26.635,6	-25.847,8
SVK	-6.129,2	-3.946,1	-4.510,3	-4.321,7	-4.269,1	-3.397,3	-4.076,5	-6.252,3
SVN	-4.440,5	1.494,9	1.506,5	1.577,9	1.611,6	1.578,4	-3.028,2	-2.956,1
ESP	-27.310,3	-28.150,8	-28.938,4	-28.943,7	-29.547,3	-30.056,1	-29.455,2	-28.680,1
SWE	-47.739,5	-46.918,7	-45.493,9	-44.640,4	-41.097,1	-41.181,6	-42.101,2	-44.160,5
EU	-403.880,3	-380.775,3	-367.476,1	-357.101,3	-303.612,1	-309.894,6	-295.624,9	-283.920,8
UK	-18.868,9	-18.583,1	-17.972,2	-17.593,7	-17.119,5	-16.380,1	-15.800,6	-15.496,0
ISL	-167,0	-170,3	-174,2	-178,0	-179,6	-180,2	-179,9	-172,6
EU+UK+ISL	-422.916,2	-399.528,6	-385.622,5	-374.873,0	-320.911,3	-326.454,8	-311.605,4	-299.589,4

Country	Net emissions (+) and removals (-), kt CO2eq.								
	Art. 3.4 activities								
	B.2 Cropland Management								
	1990	2013	2014	2015	2016	2017	2018	2019	2020
DNM	5544,77	2422,07	3560,94	2450,75	2610,04	2208,34	3302,01	2994,15	2756,71
DEU	14141,85	18165,94	18168,11	18521,90	17785,30	17454,87	17320,19	16906,17	16551,80
IRL	-96,99	-30,38	-84,14	-89,90	-109,70	-88,74	-194,86	-134,24	-105,24
ITA	1381,46	-2283,25	-2578,34	-3503,61	-5673,70	-5581,17	-5318,02	-5417,10	-4011,22
PRT	1212,88	-1306,66	-1517,68	-1531,32	-1543,51	-101,74	-1834,87	-1865,71	-1962,98
ESP	-144,04	1610,60	83,55	-2292,31	-2754,18	-3175,59	-3265,81	-3296,90	-3145,92
EU	22039,93	18578,32	17632,45	13555,51	10314,25	10715,99	10008,64	9186,37	10083,15
UK	16693,63	15948,35	15920,39	15836,57	15889,88	15952,62	15890,87	15896,22	15949,41
EU+UK	38733,56	34526,67	33552,84	29392,08	26204,13	26668,60	25899,51	25082,60	26032,55

Country	Net emissions (+) and removals (-), kt CO2eq								
	Art. 3.4 activities								
	B.3 Grazing land management								
	1990	2013	2014	2015	2016	2017	2018	2019	2020
DNM	2371,07	1810,94	1953,75	1992,16	2117,88	2058,79	2186,44	2152,20	2254,65
DEU	27118,39	23154,96	22930,67	21968,59	22231,26	21973,40	21277,58	20958,23	20465,60

IRL	6988,58	6561,83	6577,12	6524,49	6517,52	6709,03	6641,58	6637,95	6491,15
ITA	125,62	-769,26	-1183,49	-845,01	-933,11	-542,41	-573,89	-639,91	-612,90
PRT	3961,87	885,43	-544,89	-284,24	415,41	1565,00	-465,34	-471,52	-224,06
EU	40565,53	31643,90	29733,15	29355,98	30348,96	31763,81	29066,37	28636,96	28374,44
UK	3988,78	2916,70	2865,19	2687,24	2784,06	2663,77	2597,01	2438,93	2474,67
EU+UK	44554,31	34560,60	32598,34	32043,22	33133,02	34427,57	31663,38	31075,89	30849,11

Country	Net emissions (+) and removals (-), kt CO ₂ eq.								
	Art. 3.4 activities								
	B.4 Revegetation								
	1990	2013	2014	2015	2016	2017	2018	2019	2020
ROU	-1574,45	-612,84	-613,40	-612,71	-607,59	-606,18	-605,82	-603,73	-602,67
ISL	-387,52	-610,28	-616,81	-624,26	-633,36	-649,21	-663,59	-672,14	-681,13
EU+ISL	-1961,97	-1223,13	-1230,21	-1236,97	-1240,95	-1255,40	-1269,41	-1275,86	-1283,80

Country	Net emissions (+) and removals (-), kt CO ₂ eq.								
	Art. 3.4 activities								
	B.5 Wetland drainage and rewetting								
	1990	2013	2014	2015	2016	2017	2018	2019	2020
UK	286,4	225,6	225,4	224,7	223,4	223,0	210,7	210,4	204,6

NE – removals/emissions are not estimated; IE – removals/emissions are included elsewhere; NO – removals/emissions are not occurring; NA –not applicable. i.e., MS does not account for the activity.

Table 3: Cumulated accounting quantities for 2013-2020 of KP-LULUCF activities as reported by EU MS, UK and Iceland (Kt CO₂eq*), based on information reported in CRF accounting table. [Update of information in table 11.6 of the 2022 EU GHG inventory]

Country	Accounting quantity*								Accounting amount KP activities (RMUs)
	Article 3.3		Article 3.4						
	AR	D	FM without CAP	*FM with CAP	CM	GM	RV**	WDR	
Austria	-16.961,8	4.074,6	-7.175,4	-7.175,4					-20.062,6
Belgium	-2.194,6	4.971,5	-2.536,1	-2.536,1					240,8
Bulgaria	-8.836,9	1.264,4	16.887,5	16.887,5					9.315,0
Croatia	-2.405,4	193,9	-7.146,7	-7.146,7					-9.358,2
Cyprus	-47,0	2,0	-264,6	-264,6					-309,6
Czechia	-4.979,9	1.880,7	38.365,3	38.365,3					35.266,1
Denmark	-2.610,0	2.671,0	-23.771,3	-19.822,1	-22.053,1	-2.441,8			-44.256,0
Estonia	-1.832,9	4.728,1	-15.197,2	-11.199,1					-8.303,9
Finland	-4.404,7	30.268,1	-64.938,7	-19.978,0					5.885,4
France	-110.315,3	95.222,2	92.398,9	92.398,9					77.305,8
Germany	-4.780,2	8.189,9	-372.022,6	-351.007,8	27.739,5	-41.986,8			-361.845,5
Greece	-955,0	395,9	-2.908,6	-2.908,6					-3.467,8
Hungary	-9.721,1	2.673,9	-16.461,7	-16.461,7					-23.508,9
Ireland	-26.501,8	4.153,3	336,9	336,9	-61,3	-3.247,9			-25.320,9
Italy	-62.942,1	15.784,7	-22.530,6	-22.530,6	-45.418,1	-7.105,0			-122.211,2
Latvia	-1.866,9	7.739,9	-10.317,3	-7.394,5					-1.521,5
Lithuania	-2.400,4	2.821,2	-8.983,1	-8.983,1					-8.562,3
Luxembourg	-28,5	30,9	-15,5	-15,5					-13,2
Malta	-0,1	NO	0,0	0,0					-0,1
Netherlands	-6.690,0	7.345,6	-1.465,3	-1.465,3					-809,7
Poland	-17.694,6	16.046,8	-14.693,0	-14.693,0					-16.340,8
Portugal	-17.770,4	7.760,0	38.177,0	38.177,0	-21.367,5	-30.819,2			-24.020,1
Romania	-5.880,7	9.005,8	-75.686,4	-75.686,4			7.730,7		-64.830,7
Slovakia	-4.303,7	485,9	1.553,5	1.553,5					-2.264,3
Slovenia	NO,NA	2.043,1	24.003,4	24.003,4					26.046,5

Spain	-52.075,5	5.058,3	-12.194,0	-12.194,0	-15.084,2				-74.295,4
Sweden	-8.543,4	24.292,4	-94.185,4	-20.176,0					-4.427,0
EU	-376.743,2	259.104,0	-540.770,9	-389.916,0	-76.244,7	-85.600,7	7.730,7	---	-661.669,9
United Kingdom	-19.438,3	16.560,0	2.993,9	2.993,9	-6.264,8	-10.482,6		-543,8	-17.175,6
Iceland	-2.095,8	3,2	-155,9	-155,9			-2.050,7		-4.299,1
EU +UK+ Iceland	-398.277,2	275.667,2	-537.932,9	-387.078,0	-82.509,5	-96.083,3	5.680,0	-543,8	-683.144,6

Information on EU KP-LULUCF activities presented here is shown for information purposes. It is important to note that each country will account for net emissions/removals for each activity under Article 3(3), and 3(4) if elected, by issuing removals units or cancelling KP units based on their own accounting quantities. **The EU will neither issue, nor cancel units based on reported emissions and removals from KP activities.** This makes the default comment attached by the CRF Reporter software to cell M25 of the EU CRF accounting table inappropriate for the EU inventory. *Real accounting quantities for FM and by MS are provided in the table above which considers also "the amount of units to be added to or subtracted from a Party's assigned amount, after comparison to the cap". **The accounting for the activity RV needs to consider 1989 as the base year for Romania. However, the CRF Reporter Software does not allow the EU to work with two different base years as it would be needed to be the sum of the two Parties that elected to account for RV. (i.e., Iceland 1990 and Romania 1989). As a result, the table above show the real sum of the accounting quantity of these two countries for RV as reported in their tables, but due to technical constraints of the software, the CRF table accounting of the EU does not display correct information on the accounting quantity for RV because only information on RV from a single base year is considered. N.B.: the different in the quantity that is reported in the EU CRF table Accounting for RV and the one that result from the sum of the parties is 65 Kt CO₂ eq. A quantity considered insignificant according to paragraph 37(b) of the UNFCCC Annex I inventory reporting guidelines (i.e., below 0.05 per cent of the national total GHG emissions and does not exceed 500 kt CO₂ eq).

11.3 Forest Management Reference Levels

Table 4: Synthesis of information related to the construction of the FMRL values as reported by EU MS, UK and Iceland in this inventory year. [Update of information in table 11.22 of the 2002 EU GHG inventory]

Country	Value inscribed in the Appendix to the annex to decision 2/CMP.7 (kt CO ₂ eq/yr.)	Technical correction	FMRL based on projections under a "Business-as-usual" scenario		
			Model-based projections using country-specific methodology	Model-based projections using "JRC approach"	Projections based on historical data assumed as proxy for a "business-as-usual"
Austria	-6516	5774	X		
Belgium	-2499	1010		X	
Bulgaria	-7950	-2942		X	
Croatia	-6289	97	X		
Cyprus	-157	78			X
Czechia	-4686	-225		X	
Denmark	409	-83	X		
Estonia	-2741	2164		X	
Finland	-20466	-9198	X		
France	-67410	23318		X	
Germany	-22418	6331	X		
Greece	-1830	210			X
Hungary	-1000	-334		X	
Ireland	-142	170	X		
Italy	-22166	-1680		X	
Latvia	-16302	14829		X	
Lithuania	-4552	-922		X	
Luxembourg	-418	40		X	
Malta	-49	49			X
Netherlands	-1425	337		X	
Poland	-27133	-7082	X		
Portugal	-6830	6703	X		
Romania	-15793	-2578		X	
Slovakia	-1084	-3723		X	
Slovenia	-3171	-161	X		
Spain	-23100	-4261		X	
Sweden	-41336	8943	X		
UK	-8268	-9333	X		
Iceland	-154	-2	X		
EU KP-LULUCF	-306736	18789.95	----	----	----