Annex XXV - Table 1a: Greenhouse gas projections by gases and categories [(1)]

Version 12 June 2023

Instructions (click the '+' in the left)**:**

Inventory used for base year (6) (year of submission YYYY)	2022																																
Category (2)	Scenario (WEM, WAM, WOM)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CH4 (kt)	CH4 (kt)	CH4 (kt)	CH4 (kt)	CH4 (kt)	CH4 (kt)	CH4 (kt)	CH4 (kt)	N2O (kt)	N2O (kt)	N2O (kt)	N2O (kt)	N2O (kt)	N2O (kt)	N2O (kt)	N2O (kt)	SF6 (kt)	SF6 (kt)	SF6 (kt)	SF6 (kt)	SF6 (kt)
		2020	2018	2019	2020	2025	2030	2035	2040	2045	2050	2020	2020	2025	2030	2035	2040	2045	2050	2020	2020	2025	2030	2035	2040	2045	2050	2020	2020	2025	2030	2035
Total excluding LULUCF	WEM	138268,84				133189,82	96917,77	89999,83	83473,02	69935,19	66823,92	678,70		629,63	599,42	581,40	570,25	560,19	559,97	26,02		22,50	22,17	21,50	21,27	24,08	24,08	0,01		0,01	0,00	0,00
Total including LULUCF	WEM	142423,24				137042,60	100490,35	93002,76	86312,57	72652,19	69404,78	678,72		629,63	599,42	581,40	570,25	560,19	559,97	26,33		22,80	22,49	21,80	21,57	24,39	24,39	0,01		0,01	0,00	0,00
1. Energy	WEM	132037,21				125923,21	98577,62	91370,01	85534,40	62956,00	59826,06	85,70		78,99	72,28	69,63	70,23	71,22	80,36	1,96		1,82	1,77	1,30	1,27	4,43	4,70					
1.A. Fuel combustion	WEM	131105,75				122336,29	94168,82	87276,40	81768,43	NK	NK	68,77		64,02	58,53	57,07	58,25	NK	NK	1,96		1,78	1,73	1,27	1,23	NK	NK					
1.A.1. Energy industries	WEM	47438,14				41280,73	21597,82	18210,53	18662,86	NK	NK	5,49		9,52	9,52	5,80	5,80	NK	NK	0,86		0,45	0,45	0,03	0,03	NK	NK					
1.A.1.a. Public electricity and heat production	WEM	35415,07				29795,72	11711,25	9328,60	10672,83	NK	NK	4,47		8,62	8,62	4,90	4,90	NK	NK	0,78		0,42	0,42	0,00	0,00	NK	NK					
1.A.1.b. Petroleum refining	WEM	9373,22				8082,65	7227,46	6743,61	6376,38	NK	NK	0,62		0,90	0,90	0,90	0,90	NK	NK	0,03		0,03	0,03	0,03	0,03	NK	NK					
1.A.1.c. Manufacture of solid fuels and other energy industries	WEM	2649,85				3402,37	2659,10	2138,32	1613,65	NK	NK	0,40		0,00	0,00	0,00	0,00	NK	NK	0,06		0,00	0,00	0,00	0,00	NK	NK					
1.A.2. Manufacturing industries and construction	WEM	27158,35				26827,56	23484,57	23439,29	22657,61	NK	NK	2,61		0,13	0,12	0,11	0,11	NK	NK	0,14		0,02	0,02	0,02	0,02	NK	NK					
1.A.3. Transport	WEM	26040,23				27402,81	24848,66	23330,12	20477,27	NK	NK	2,39		2,60	2,44	2,18	1,84	NK	NK	0,77		0,86	0,81	0,77	0,74	NK	NK					
1.A.3.a. Domestic aviation	WEM	23,96				32,44	31,48	31,15	30,89	NK	NK	0,00		0,00	0,00	0,00	0,00	NK	NK	0,00		0,00	0,00	0,00	0,00	NK	NK					
1.A.3.b. Road transportation	WEM	25175,30				26378,50	23797,51	22281,59	19432,03	NK	NK	2,28		2,47	2,30	2,04	1,70	NK	NK	0,75		0,83	0,78	0,74	0,71	NK	NK					
1.A.3.c. Railways	WEM	60,60				53,22	58,74	62,47	63,98	NK	NK	0,00		0,00	0,00	0,00	0,00	NK	NK	0,00		0,00	0,00	0,00	0,00	NK	NK					
1.A.3.d. Domestic navigation	WEM	691,37				938,65	960,93	954,89	950,37	NK	NK	0,11		0,13	0,13	0,13	0,13	NK	NK	0,02		0,03	0,03	0,03	0,03	NK	NK					
1.A.3.e. Other transportation	WEM	89,00				IE	IE	IE	IE	NK	NK	NK		IE	IE	IE	IE	NK	NK	0,00		IE	IE	IE	IE	NK	NK					
1.A.4. Other sectors	WEM	30308,31				26668,61	24081,19	22139,88	19814,09	NK	NK	58,26		51,75	46,44	48,96	50,49	NK	NK	0,17		0,44	0,44	0,44	0,44	NK	NK					
1.A.4.a. Commercial/Institutional	WEM	6375,20				5176,10	4607,92	4158,83	3520,99	NK	NK	1,79		3,37	3,36	3,36	3,36	NK	NK	0,02		0,05	0,05	0,05	0,05	NK	NK					
1.A.4.b. Residential	WEM	15033,52				14347,55	13279,51	12200,86	10602,71	NK	NK	13,11		12,83	12,24	11,66	11,16	NK	NK	0,09		0,36	0,36	0,36	0,36	NK	NK					
1.A.4.c. Agriculture/Forestry/Fishing	WEM	8899,58				7144,96	6193,75	5780,19	5690,39	NK	NK	43,36		35,56	30,83	33,94	35,96	NK	NK	0,06		0,02	0,02	0,02	0,02	NK	NK					
1.A.5. Other	WEM	160,71				156,59	156,59	156,59	156,59	NK	NK	0,01		0,01	0,01	0,01	0,01	NK	NK	0,01		0,01	0,01	0,01	0,01	NK	NK					
1.B. Fugitive emissions from fuels	WEM	931,46				3586,92	4408,80	4093,61	3765,97	NK	NK	16,93		14,97	13,74	12,56	11,98	NK	NK	0,00		0,04	0,04	0,04	0,04	NK	NK					
1.B.1. Solid fuels	WEM	71,89				61,44	188,32	149,31	139,31	NK	NK	0,19		NE	NE	NE	NE	NK	NK	NO		NO	NO	NO	NO	NK	NK					
1.B.2. Oil and natural gas and other emissions from energy production	WEM	859,57				3525,48	4220,48	3944,30	3626,67	NK	NK	16,75		14,97	13,74	12,56	11,98	NK	NK	0,00		0,04	0,04	0,04	0,04	NK	NK					
1.C. CO2 transport and storage	WEM	NO				NO	NO	NO	NO	NK	NK																					
2. Industrial processes	WEM	5734,10				6828,43	6834,96	6972,34	6453,79	6437,59	6437,59	14,99		15,05	15,05	15,05	15,05	15,05	15,05	4,41		1,80	1,84	1,88	1,93	1,86	1,86	0,01		0,01	0,00	0,00
2.A. Mineral Industry	WEM	1069,62				1179,01	1156,12	1167,18	1180,69	NK	NK																					
2.A.1. Cement production	WEM	NO				NO	NO	NO	NO	NK	NK																					
2.B. Chemical industry	WEM	4180,05				5177,25	5201,53	5326,53	4793,11	NK	NK	13,12		13,22	13,22	13,22	13,22	NK	NK	4,11		1,69	1,73	1,77	1,83	NK	NK	NO		NO	NO	NO
2.C. Metal industry	WEM	131,73				134,82	134,82	134,82	134,82	NK	NK	NK		NK	NK	NK	NK	NK	NK	NO		NO	NO	NO	NO	NK	NK	NO		NO	NO	NO
2.C.1. Iron and steel production	WEM	17,13				NE	NE	NE	NE	NK	NK	NO		NO	NO	NO	NO	NK	NK	NO		NO	NO	NO	NO	NK	NK	NO		NO	NO	NO
2.D. Non-energy products from fuels and solvent use	WEM	334,68				324,47	329,14	330,13	331,09	NK	NK	0,01		NE	NE	NE	NE	NK	NK	NK		NK	NK	NK	NK	NK	NK					
2.E. Electronics industry	WEM																											NO		NO	NO	NO
2.F. Product uses as substitutes for ODS (8)	WEM																											NO		NO	NO	NO
2.G. Other product manufacture and use	WEM	0,90				0,90	0,90	0,90	0,90	NK	NK	1,85		1,83	1,83	1,83	1,83	NK	NK	0,30		0,11	0,11	0,11	0,11	NK	NK	0,01		0,01	0,00	0,00
2.H. Other	WEM	17,12				11,98	12,44	12,78	13,18	NK	NK	NO		NO	NO	NO	NO	NK	NK	NO		NO	NO	NO	NO	NK	NK	NO		NO	NO	NO
3. Agriculture	WEM	78,21				76,96	75,61	74,26	72,91	71,60	70,27	475,41		459,95	454,38	452,71	450,78	445,91	443,56	19,10		17,90	17,58	17,34	17,09	16,81	16,54					
3.A. Enteric fermentation	WEM											327,85		323,14	323,14	322,36	321,28	NK	NK													
3.B. Manure management	WEM											147,57		136,82	131,24	130,35	129,51	NK	NK	2,64		IE	IE	IE	IE	NK	NK					
3.C. Rice cultivation	WEM											NO		NO	NO	NO	NO	NK	NK													
3.D. Agricultural soils	WEM											NO		NO	NO	NO	NO	NK	NK	16,46		IE	IE	IE	IE	NK	NK					
3.E. Prescribed burning of savannahs	WEM											NO		NO	NO	NO	NO	NK	NK	NO		NO	NO	NO	NO	NK	NK					
3.F. Field burning of agricultural residues	WEM											NO		NO	NO	NO	NO	NK	NK	NO		NO	NO	NO	NO	NK	NK					
3.G. Liming	WEM	31,03				30,54	30,00	29,47	28,93	NK	NK																					
3.H. Urea application	WEM	47,17				46,42	45,60	44,79	43,98	NK	NK																					
3.I. Other carbon-containing fertilizers	WEM	NO				NO	NO	NO	NO	NK	NK																					
3.J. Other (please specify)	WEM	NO				NO	NO	NO	NO	NK	NK	NA		NA	NA	NA	NA	NK	NK	NA		NA	NA	NA	NA	NK	NK					
4. Land Use, Land-Use Change and Forestry (LULUCF, reported emissions and removals) (9)	WEM	4129,88				3859,87	3579,85	3010,43	2847,32	2717,00	2580,86	0,02		0,02	0,02	0,02	0,02	0,00	0,00	0,31		0,31	0,32	0,31	0,30	0,30	0,30					
4.A. Forest land	WEM	**-2270,75**				**-2086,93**	**-2131,47**	**-2343,87**	**-2517,84**			**0,02**		0,02	0,02	**0,02**	**0,02**			**0,02**		**0,02**	**0,02**	**0,02**	**0,02**							
4.B. Cropland	WEM	**1659,46**				**1608,63**	**1727,38**	**1747,76**	**1807,83**			**NK**		NK	NK	**NK**	**NK**			**0,15**		**0,16**	**0,19**	**0,20**	**0,21**							
4.C. Grassland	WEM	**3351,27**				**3160,89**	**2783,71**	**2464,37**	**2401,65**			**0,00**		0,00	0,00	**0,00**	**0,00**			**0,02**		**0,02**	**0,02**	**0,02**	**0,02**							
4.D. Wetlands	WEM	**-57,25**				**-67,91**	**-37,29**	**-39,31**	**-2,32**			**NK**		NK	NK	**NK**	**NK**			**0,01**		**0,01**	**0,01**	**0,00**	**0,00**							
4.E. Settlements	WEM	**1154,61**				**1031,24**	**1043,24**	**1022,15**	**1063,81**			**NK**		NK	NK	**NK**	**NK**			**0,08**		**0,07**	**0,06**	**0,05**	**0,05**							
4.F. Other Land	WEM	**171,08**				**111,43**	**94,07**	**62,01**	**0,00**			**NK**		NK	NK	**NK**	**NK**			**0,03**		**0,03**	**0,02**	**0,02**	**0,00**							
4.G. Harvested wood products	WEM	**121,46**				**102,52**	**100,22**	**97,33**	**94,19**																							
4.H. Other	WEM	**NA**				**NA**	**NA**	**NA**	**NA**																							
5. Waste	WEM	0,00				0,00	0,00	0,00	0,00	0,00	0,00	102,60		75,64	57,71	44,01	34,19	28,01	21,00	0,56		0,98	0,98	0,98	0,98	0,98	0,98					
5.A. Solid Waste Disposal	WEM											88,48		67,46	49,53	35,83	26,01	NK	NK													
5.B. Biological treatment of solid waste	WEM											4,66		NE	NE	NE	NE	NK	NK	0,30		0,72	0,72	0,72	0,72	NK	NK					
5.C. Incineration and open burning of waste	WEM	NK				NK	NK	NK	NK	NK	NK	0,00		NE	NE	NE	NE	NK	NK	0,00		NE	NE	NE	NE	NK	NK					
5.D. Wastewater treatment and discharge	WEM											9,45		8,18	8,18	8,18	8,18	NK	NK	0,26		0,26	0,26	0,26	0,26	NK	NK					
5.E. Other (please specify)	WEM	NO				NO	NO	NO	NO	NK	NK	NO		NO	NO	NO	NO	NK	NK	NO		NO	NO	NO	NO	NK	NK					
Memo items	WEM																															
International bunkers	WEM	43910,36				48132,09	47399,86	47337,22	47182,35	46554,85	47348,79	6,44		11,95	22,29	33,02	33,18	32,68	33,43	1,18		1,30	1,31	1,34	1,34	1,32	1,34					
IB.Aviation	WEM	6631,41				10901,60	11815,58	12143,50	12041,10	11947,91	11947,40	0,05		0,08	0,08	0,09	0,09	0,09	0,09	0,19		0,31	0,34	0,35	0,34	0,34	0,34					

Annex XXV - Table 1a: Greenhouse gas projections by gases and categories [(1)]

Version 12 June 2023

Instructions (click the '+' in the left):

Inventory used for base year (6) (year of submission YYYY)	2022																																
Category (2)	Scenario (WEM, WAM, WOM)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CH4 (kt)	CH4 (kt)	CH4 (kt)	CH4 (kt)	CH4 (kt)	CH4 (kt)	CH4 (kt)	CH4 (kt)	N2O (kt)	N2O (kt)	N2O (kt)	N2O (kt)	N2O (kt)	N2O (kt)	N2O (kt)	N2O (kt)	SF6 (kt)	SF6 (kt)	SF6 (kt)	SF6 (kt)	SF6 (kt)
		2020	2018	2019	2020	2025	2030	2035	2040	2045	2050	2020	2020	2025	2030	2035	2040	2045	2050	2020	2020	2025	2030	2035	2040	2045	2050	2020	2020	2025	2030	2035
IB.Navigation	WEM	37278,95				37230,49	35584,28	35193,72	35141,25	34606,93	35401,40	6,39		11,88	22,21	32,93	33,10	32,59	33,34	0,99		0,99	0,97	0,99	0,99	0,98	1,00					
CO2 emissions from biomass	WEM	19265,00				22615,00	15804,54	13628,04	22443,63	23317,45	24500,28																					
CO2 captured	WEM	0,00				66,40	9014,75	8869,56	9050,09	9100,00	9098,54																					
Indirect CO2 (if available) (10)	WEM	419,32				427,62	444,33	452,78	462,01	470,00	490,00																					
Total excluding LULUCF	WAM	138268,84				133155,38	96625,46	88931,36	80875,00			678,70		629,80	599,52	581,33	569,99			26,02		22,49	22,12	21,43	21,18			0,01		0,01	0,00	0,00
Total including LULUCF	WAM	142423,24				137008,16	100198,03	91934,28	83714,54			678,72		629,80	599,52	581,33	569,99			26,33		22,80	22,45	21,74	21,48			0,01		0,01	0,00	0,00
1. Energy	WAM	132037,21				125914,84	98190,28	90352,94	82893,23			85,70		79,17	72,37	69,56	69,96			1,96		1,82	1,73	1,23	1,17							
1.A. Fuel combustion	WAM	131105,75				122327,92	93781,36	86275,14	79126,88			68,77		64,19	58,63	57,00	57,98			1,96		1,78	1,69	1,19	1,14							
1.A.1. Energy industries	WAM	47438,14				41359,10	22160,19	19400,01	20376,76			5,49		9,52	9,52	5,80	5,80			0,86		0,45	0,45	0,03	0,03							
1.A.1.a. Public electricity and heat production	WAM	35415,07				29874,08	12273,94	10518,09	12462,72			4,47		8,62	8,62	4,90	4,90			0,78		0,42	0,42	0,00	0,00							
1.A.1.b. Petroleum refining	WAM	9373,22				8082,65	7227,43	6743,61	6299,84			0,62		0,90	0,90	0,90	0,90			0,03		0,03	0,03	0,03	0,03							
1.A.1.c. Manufacture of solid fuels and other energy industries	WAM	2649,85				3402,37	2658,82	2138,30	1614,20			0,40		0,00	0,00	0,00	0,00			0,06		0,00	0,00	0,00	0,00							
1.A.2. Manufacturing industries and construction	WAM	27158,35				26827,01	23466,19	23464,60	22809,00			2,61		0,13	0,12	0,11	0,10			0,14		0,02	0,02	0,02	0,02							
1.A.3. Transport	WAM	26040,23				27376,34	24146,27	21181,06	15937,35			2,39		2,78	2,54	2,11	1,57			0,77		0,86	0,77	0,70	0,64							
1.A.3.a. Domestic aviation	WAM	23,96				32,44	31,48	31,15	30,89			0,00		0,00	0,00	0,00	0,00			0,00		0,00	0,00	0,00	0,00							
1.A.3.b. Road transportation	WAM	25175,30				26351,90	23083,57	20115,10	14879,80			2,28		2,64	2,40	1,97	1,44			0,75		0,83	0,74	0,67	0,61							
1.A.3.c. Railways	WAM	60,60				53,22	58,71	64,11	64,16			0,00		0,00	0,00	0,00	0,00			0,00		0,00	0,00	0,00	0,00							
1.A.3.d. Domestic navigation	WAM	691,37				938,79	972,51	970,69	962,50			0,11		0,13	0,13	0,13	0,13			0,02		0,03	0,03	0,03	0,03							
1.A.3.e. Other transportation	WAM	89,00				IE	IE	IE	IE			NK		IE	IE	IE	IE			0,00		IE	IE	IE	IE							
1.A.4. Other sectors	WAM	30308,31				26608,87	23852,11	22072,89	19847,18			58,26		51,75	46,44	48,96	50,49			0,17		0,44	0,44	0,44	0,44							
1.A.4.a. Commercial/Institutional	WAM	6375,20				5144,22	4550,27	4133,16	3509,71			1,79		3,37	3,36	3,36	3,36			0,02		0,05	0,05	0,05	0,05							
1.A.4.b. Residential	WAM	15033,52				14302,39	13182,44	12094,98	10511,81			13,11		12,83	12,24	11,66	11,16			0,09		0,36	0,36	0,36	0,36							
1.A.4.c. Agriculture/Forestry/Fishing	WAM	8899,58				7162,26	6119,39	5844,75	5825,67			43,36		35,56	30,83	33,94	35,96			0,06		0,02	0,02	0,02	0,02							
1.A.5. Other	WAM	160,71				156,59	156,59	156,59	156,59			0,01		0,01	0,01	0,01	0,01			0,01		0,01	0,01	0,01	0,01							
1.B. Fugitive emissions from fuels	WAM	931,46				3586,93	4408,92	4077,80	3766,36			16,93		14,97	13,74	12,56	11,98			0,00		0,04	0,04	0,04	0,04							
1.B.1. Solid fuels	WAM	71,89				61,44	188,50	149,31	139,36			0,19		NE	NE	NE	NE			NO		NO	NO	NO	NO							
1.B.2. Oil and natural gas and other emissions from energy production	WAM	859,57				3525,48	4220,42	3928,49	3627,00			16,75		14,97	13,74	12,56	11,98			0,00		0,04	0,04	0,04	0,04							
1.C. CO2 transport and storage	WAM	NO				NO	NO	NO	NO																							
2. Industrial processes	WAM	5734,10				6830,14	6706,77	6860,44	6350,14			14,99		15,05	15,05	15,05	15,05			4,41		1,80	1,84	1,88	1,93			0,01		0,01	0,00	0,00
2.A. Mineral Industry	WAM	1069,62				1179,06	1156,12	1167,18	1180,69																							
2.A.1. Cement production	WAM	NO				NO	NO	NO	NO																							
2.B. Chemical industry	WAM	4180,05				5178,43	5073,08	5214,49	4689,35			13,12		13,22	13,22	13,22	13,22			4,11		1,69	1,73	1,77	1,83			NO		NO	NO	NO
2.C. Metal industry	WAM	131,73				134,82	134,82	134,82	134,82			NK		NK	NK	NK	NK			NO		NO	NO	NO	NO			NO		NO	NO	NO
2.C.1. Iron and steel production	WAM	17,13				NE	NE	NE	NE			NO		NO	NO	NO	NO			NO		NO	NO	NO	NO							
2.D. Non-energy products from fuels and solvent use	WAM	334,68				324,95	329,42	330,27	331,20			0,01		NE	NE	NE	NE			NK		NK	NK	NK	NK							
2.E. Electronics industry	WAM																											NO		NO	NO	NO
2.F. Product uses as substitutes for ODS (8)	WAM																											NO		NO	NO	NO
2.G. Other product manufacture and use	WAM	0,90				0,90	0,90	0,90	0,90			1,85		1,83	1,83	1,83	1,83			0,30		0,11	0,11	0,11	0,11			0,01		0,01	0,00	0,00
2.H. Other	WAM	17,12				11,98	12,44	12,78	13,18			NO		NO	NO	NO	NO			NO		NO	NO	NO	NO			NO		NO	NO	NO
3. Agriculture	WAM	78,21				76,96	75,61	74,26	72,91			475,41		459,95	454,38	452,71	450,78			19,10		17,90	17,59	17,35	17,10							
3.A. Enteric fermentation	WAM											327,85		323,14	323,14	322,36	321,28															
3.B. Manure management	WAM											147,57		136,82	131,24	130,35	129,51			2,64		IE	IE	IE	IE							
3.C. Rice cultivation	WAM											NO		NO	NO	NO	NO															
3.D. Agricultural soils	WAM											NO		NO	NO	NO	NO			16,46		IE	IE	IE	IE							
3.E. Prescribed burning of savannahs	WAM											NO		NO	NO	NO	NO			NO		NO	NO	NO	NO							
3.F. Field burning of agricultural residues	WAM											NO		NO	NO	NO	NO			NO		NO	NO	NO	NO							
3.G. Liming	WAM	31,03				30,54	30,00	29,47	28,93																							
3.H. Urea application	WAM	47,17				46,42	45,60	44,79	43,98																							
3.I. Other carbon-containing fertilizers	WAM	NO				NO	NO	NO	NO																							
3.J. Other (please specify)	WAM	NO				NO	NO	NO	NO			NA		NA	NA	NA	NA			NA		NA	NA	NA	NA							
4. Land Use, Land-Use Change and Forestry (LULUCF, reported emissions and removals) (9)	WAM	**4129,88**				**3852,78**	**3572,58**	**3002,93**	**2839,54**			**0,02**								**0,31**		**0,31**	**0,32**	**0,31**	**0,30**							
4.A. Forest land	WAM	**-2270,75**				**-2093,62**	**-2138,37**	**-2351,01**	**-2525,25**			**0,02**								**0,02**		**0,02**	**0,02**	**0,02**	**0,02**							
4.B. Cropland	WAM	**1659,46**				**1608,64**	**1727,37**	**1747,77**	**1807,83**			**NK**								**0,15**		**0,16**	**0,19**	**0,20**	**0,21**							
4.C. Grassland	WAM	**3351,27**				**3160,51**	**2783,33**	**2463,99**	**2401,26**			**0,00**								**0,02**		**0,02**	**0,02**	**0,02**	**0,02**							
4.D. Wetlands	WAM	**-57,25**				**-67,92**	**-37,29**	**-39,30**	**-2,31**			**NK**								**0,01**		**0,01**	**0,01**	**0,00**	**0,00**							
4.E. Settlements	WAM	**1154,61**				**1031,23**	**1043,23**	**1022,15**	**1063,82**			**NK**								**0,08**		**0,07**	**0,06**	**0,05**	**0,05**							
4.F. Other Land	WAM	**171,08**				**111,43**	**94,08**	**62,01**	**0,00**			**NK**								**0,03**		**0,03**	**0,02**	**0,02**	**0,00**							
4.G. Harvested wood products	WAM	**121,46**				**102,52**	**100,22**	**97,33**	**94,19**																							
4.H. Other	WAM	**NA**				**NA**	**NA**	**NA**	**NA**																							
5. Waste	WAM	0,00				0,00	0,00	0,00	0,00			102,60		75,64	57,71	44,01	34,19			0,56		0,98	0,98	0,98	0,98							
5.A. Solid Waste Disposal	WAM											88,48		67,46	49,53	35,83	26,01															
5.B. Biological treatment of solid waste	WAM											4,66		NE	NE	NE	NE			0,30		0,72	0,72	0,72	0,72							
5.C. Incineration and open burning of waste	WAM	NK				NK	NK	NK	NK			0,00		NE	NE	NE	NE			0,00		NE	NE	NE	NE							

Annex XXV - Table 1a: Greenhouse gas projections by gases and categories [1]

Version 12 June 2023

Instructions (click the '+' in the left)**:**

Inventory used for base year (6) (year of submission YYYY)	2022																																
Category (2)	Scenario (WEM, WAM, WOM)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CH4 (kt)	CH4 (kt)	CH4 (kt)	CH4 (kt)	CH4 (kt)	CH4 (kt)	CH4 (kt)	CH4 (kt)	N2O (kt)	N2O (kt)	N2O (kt)	N2O (kt)	N2O (kt)	N2O (kt)	N2O (kt)	N2O (kt)	SF6 (kt)	SF6 (kt)	SF6 (kt)	SF6 (kt)	SF6 (kt)
		2020	2018	2019	2020	2025	2030	2035	2040	2045	2050	2020	2020	2025	2030	2035	2040	2045	2050	2020	2020	2025	2030	2035	2040	2045	2050	2020	2020	2025	2030	2035
5.D. Wastewater treatment and discharge	WAM											9,45		8,18	8,18	8,18	8,18			0,26		0,26	0,26	0,26	0,26							
5.E. Other (please specify)	WAM	NO				NO	NO	NO	NO			NO		NO	NO	NO	NO			NO		NO	NO	NO	NO							
Memo items	WAM																															
International bunkers	WAM	43910,36				47495,55	46390,41	44858,45	43808,01			6,44		11,95	22,29	33,02	33,19			1,18		1,28	1,29	1,33	1,35							
IB.Aviation	WAM	6631,41				10265,10	10819,12	9656,15	8671,29			0,05		0,07	0,08	0,08	0,09			0,19		0,29	0,32	0,34	0,36							
IB.Navigation	WAM	37278,95				37230,46	35571,29	35202,31	35136,72			6,39		11,88	22,21	32,94	33,10			0,99		0,99	0,97	0,99	0,99							
CO2 emissions from biomass	WAM	19265,00				22675,42	15724,62	14582,27	25078,74																							
CO2 captured	WAM	0,00				94,18	8791,54	8809,05	8903,28																							
Indirect CO2 (if available) (10)	WAM	419,32				427,62	444,33	452,77	462,00																							

Notes

Notation: t signifies the first future year ending with 0 or 5 immediately following the reporting year

(1) Consistency with the data reported under Article 8 of this Regulation is encouraged.

(2) Use of notation keys: as regards the terms of use defined in the 2006 IPCC Guidelines for National Greenhouse Gas Inventories (chapter 8: reporting guidance and Tables), the notation keys of IE (included elsewhere), NO (not occurring), C (confidential) and NA (not applicable) may be used, as appropriate when projections do not yield data on a specific reporting level (see 2006 IPCC Guidelines). The use of the notation key NE (Not Estimated) shall be restricted to the situation where a disproportionate amount of effort would be required to collect data for a category or a gas from a specific category that would be insignificant in terms of the overall level and trend in national emissions. In these circumstances a Member State shall list all categories and gases from categories excluded on these grounds, together with a justification in the report for exclusion in terms of the likely level of emissions or removals and identify the category as 'not estimated' using the notation key 'NE' in the reporting Tables.

(3) Unspecified mix of HFCs and PFCs is to be reported only if emissions are projected, for which it is not possible to report them under HFCs or under PFCs.

(4) Emissions in the scope of Directive 2003/87/EC

(5) Emissions in the scope of Regulation (EU) 2018/842.

(6) It shall be reported to which inventory submission the base year was calibrated.

(7) Values for t-5 shall only be provided when t-5 is after the projection base year.

(8) ODS – ozone depleting substances.

(9) For the purposes of reporting, the signs for removal shall always be negative (-) and the signs for emissions shall be positive (+). If the information requested in Table 1b is provided in full, this section does not need to be reported.

(10) Projected indirect CO2 emissions reported in this Table are part of the projected Total greenhouse gas emissions (excluding and including LULUCF) and shall be reported as such if available and projected separately from the other reported emissions.

Annex XXV - Table 1a: Greenhouse gas projections by gases and categories [1]

Version 12 June 2023

Instructions (click the '+' in the left):

Inventory used for base year (6) (year of submission YYYY)	2022																																			
Category (2)	Scenario (WEM, WAM, WOM)	SF6 (kt)	SF6 (kt)	SF6 (kt)	NF3 (kt)	NF3 (kt)	NF3 (kt)	NF3 (kt)	NF3 (kt)	NF3 (kt)	NF3 (kt)	NF3 (kt)	HFC (kt CO2e)	HFC (kt CO2e)	HFC (kt CO2e)	HFC (kt CO2e)	HFC (kt CO2e)	HFC (kt CO2e)	HFC (kt CO2e)	HFC (kt CO2e)	PFC (kt CO2e)	PFC (kt CO2e)	PFC (kt CO2e)	PFC (kt CO2e)	PFC (kt CO2e)	PFC (kt CO2e)	PFC (kt CO2e)	PFC (kt CO2e)	Unspecified mix of HFCs and PFCs (kt CO2e) (3)	Unspecified mix of HFCs and PFCs (kt CO2e) (3)	Unspecified mix of HFCs and PFCs (kt CO2e) (3)	Unspecified mix of HFCs and PFCs (kt CO2e) (3)	Unspecified mix of HFCs and PFCs (kt CO2e) (3)	Unspecified mix of HFCs and PFCs (kt CO2e) (3)
		2040	2045	2050	2020	2020	2025	2030	2035	2040	2045	2050	2020	2020	2025	2030	2035	2040	2045	2050	2020	2020	2025	2030	2035	2040	2045	2050	2020	2020	2025	2030	2035	2040
Total excluding LULUCF	WEM	0,00	0,00	0,00	NK		NK	NK	NK	NK	NK	NK	1118,49		1034,81	845,84	701,93	651,93	521,86	444,94	**72,80**		94,10	96,32	98,15	100,13	102,13	104,18						
Total including LULUCF	WEM	0,00	0,00	0,00	NK		NK	NK	NK	NK	NK	NK	1118,49		1034,81	845,84	701,93	651,93	521,86	444,94	**72,80**		94,10	96,32	98,15	100,13	102,13	104,18						
1. Energy	WEM																																			
1.A. Fuel combustion	WEM																																			
1.A.1. Energy industries	WEM																																			
1.A.1.a. Public electricity and heat production	WEM																																			
1.A.1.b. Petroleum refining	WEM																																			
1.A.1.c. Manufacture of solid fuels and other energy industries	WEM																																			
1.A.2. Manufacturing industries and construction	WEM																																			
1.A.3. Transport	WEM																																			
1.A.3.a. Domestic aviation	WEM																																			
1.A.3.b. Road transportation	WEM																																			
1.A.3.c. Railways	WEM																																			
1.A.3.d. Domestic navigation	WEM																																			
1.A.3.e. Other transportation	WEM																																			
1.A.4. Other sectors	WEM																																			
1.A.4.a. Commercial/Institutional	WEM																																			
1.A.4.b. Residential	WEM																																			
1.A.4.c. Agriculture/Forestry/Fishing	WEM																																			
1.A.5. Other	WEM																																			
1.B. Fugitive emissions from fuels	WEM																																			
1.B.1. Solid fuels	WEM																																			
1.B.2. Oil and natural gas and other emissions from energy production	WEM																																			
1.C. CO2 transport and storage	WEM																																			
2. Industrial processes	WEM	0,00	0,00	0,00	NK		NK	NK	NK	NK	NK	NK	1118,49		1034,81	845,84	701,93	651,93	521,86	444,94	**72,80**		94,10	96,32	98,15	100,13	102,13	104,18						
2.A. Mineral Industry	WEM																																			
2.A.1. Cement production	WEM																																			
2.B. Chemical industry	WEM	NO	NK	NK	NK		NK	NK	NK	NK	NK	NK	101,35		236,29	236,29	236,29	236,29	NK	NK	**10,41**		45,07	45,07	45,07	45,07	NK	NK						
2.C. Metal industry	WEM	NO	NK	NK	NO		NO	NO	NO	NO	NK	NK			NO	NO	NO	NO	NK	NK	**23,62**		15,41	16,28	17,07	17,98	NK	NK						
2.C.1. Iron and steel production	WEM	NO	NK	NK	NO		NO	NO	NO	NO	NK	NK			NO	NO	NO	NO	NK	NK														
2.D. Non-energy products from fuels and solvent use	WEM																																			
2.E. Electronics industry	WEM	NO	NK	NK	NK		NK	NK	NK	NK	NK	NK			NO	NO	NO	NO	NK	NK	**38,77**		33,62	34,97	36,01	37,08	NK	NK						
2.F. Product uses as substitutes for ODS (8)	WEM	NO	NK	NK	NO		NO	NO	NO	NO	NK	NK	1017,14		798,52	609,54	465,64	415,64	NK	NK			NO	NO	NO	NO	NK	NK						
2.G. Other product manufacture and use	WEM	0,00	NK	NK											NO	NO	NO	NO	NK	NK			NO	NO	NO	NO	NK	NK						
2.H. Other	WEM	NO	NK	NK																														
3. Agriculture	WEM																																			
3.A. Enteric fermentation	WEM																																			
3.B. Manure management	WEM																																			
3.C. Rice cultivation	WEM																																			
3.D. Agricultural soils	WEM																																			
3.E. Prescribed burning of savannahs	WEM																																			
3.F. Field burning of agricultural residues	WEM																																			
3.G. Liming	WEM																																			
3.H. Urea application	WEM																																			
3.I. Other carbon-containing fertilizers	WEM																																			
3.J. Other (please specify)	WEM																																			
4. Land Use, Land-Use Change and Forestry (LULUCF, reported emissions and removals) (9)	WEM																																			
4.A. Forest land	WEM																																			
4.B. Cropland	WEM																																			
4.C. Grassland	WEM																																			
4.D. Wetlands	WEM																																			
4.E. Settlements	WEM																																			
4.F. Other Land	WEM																																			
4.G. Harvested wood products	WEM																																			
4.H. Other	WEM																																			
5. Waste	WEM																																			
5.A. Solid Waste Disposal	WEM																																			
5.B. Biological treatment of solid waste	WEM																																			
5.C. Incineration and open burning of waste	WEM																																			
5.D. Wastewater treatment and discharge	WEM																																			
5.E. Other (please specify)	WEM																																			
Memo items	WEM																																			
International bunkers	WEM																																			
IB.Aviation	WEM																																			

Annex XXV - Table 1a: Greenhouse gas projections by gases and categories [1]

Version 12 June 2023

Instructions (click the '+' in the left):

Inventory used for base year (6) (year of submission YYYY)	2022																																		
Category (2)	Scenario (WEM, WAM, WOM)	SF6 (kt)	SF6 (kt)	SF6 (kt)	NF3 (kt)	NF3 (kt)	NF3 (kt)	NF3 (kt)	NF3 (kt)	NF3 (kt)	NF3 (kt)	NF3 (kt)	HFC (kt CO2e)	HFC (kt CO2e)	HFC (kt CO2e)	HFC (kt CO2e)	HFC (kt CO2e)	HFC (kt CO2e)	HFC (kt CO2e)	HFC (kt CO2e)	PFC (kt CO2e)	PFC (kt CO2e)	PFC (kt CO2e)	PFC (kt CO2e)	PFC (kt CO2e)	PFC (kt CO2e)	PFC (kt CO2e)	PFC (kt CO2e)	Unspecified mix of HFCs and PFCs (kt CO2e) (3)	Unspecified mix of HFCs and PFCs (kt CO2e) (3)	Unspecified mix of HFCs and PFCs (kt CO2e) (3)	Unspecified mix of HFCs and PFCs (kt CO2e) (3)	Unspecified mix of HFCs and PFCs (kt CO2e) (3)	Unspecified mix of HFCs and PFCs (kt CO2e) (3)
		2040	2045	2050	2020	2020	2025	2030	2035	2040	2045	2050	2020	2020	2025	2030	2035	2040	2045	2050	2020	2020	2025	2030	2035	2040	2045	2050	2020	2020	2025	2030	2035	2040
IB.Navigation	WEM																																		
CO2 emissions from biomass	WEM																																		
CO2 captured	WEM																																		
Indirect CO2 (if available) (10)	WEM																																		
Total excluding LULUCF	WAM	0,00			NK		NK	NK	NK	NK			1118,49		1034,81	845,84	701,93	651,93			72,80		94,10	96,32	98,15	100,13								
Total including LULUCF	WAM	0,00			NK		NK	NK	NK	NK			1118,49		1034,81	845,84	701,93	651,93			72,80		94,10	96,32	98,15	100,13								
1. Energy	WAM																																		
1.A. Fuel combustion	WAM																																		
1.A.1. Energy industries	WAM																																		
1.A.1.a. Public electricity and heat production	WAM																																		
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1.A.2. Manufacturing industries and construction	WAM																																		
1.A.3. Transport	WAM																																		
1.A.3.a. Domestic aviation	WAM																																		
1.A.3.b. Road transportation	WAM																																		
1.A.3.c. Railways	WAM																																		
1.A.3.d. Domestic navigation	WAM																																		
1.A.3.e. Other transportation	WAM																																		
1.A.4. Other sectors	WAM																																		
1.A.4.a. Commercial/Institutional	WAM																																		
1.A.4.b. Residential	WAM																																		
1.A.4.c. Agriculture/Forestry/Fishing	WAM																																		
1.A.5. Other	WAM																																		
1.B. Fugitive emissions from fuels	WAM																																		
1.B.1. Solid fuels	WAM																																		
1.B.2. Oil and natural gas and other emissions from energy production	WAM																																		
1.C. CO2 transport and storage	WAM																																		
2. Industrial processes	WAM	0,00			NK		NK	NK	NK	NK			1118,49		1034,81	845,84	701,93	651,93			72,80		94,10	96,32	98,15	100,13								
2.A. Mineral Industry	WAM																																		
2.A.1. Cement production	WAM																																		
2.B. Chemical industry	WAM	NO			NK		NK	NK	NK	NK			101,35		236,29	236,29	236,29	236,29			10,41		45,07	45,07	45,07	45,07								
2.C. Metal industry	WAM	NO			NO		NO	NO	NO	NO					NO	NO	NO	NO			23,62		15,41	16,28	17,07	17,98								
2.C.1. Iron and steel production	WAM				NO		NO	NO	NO	NO					NO	NO	NO	NO																
2.D. Non-energy products from fuels and solvent use	WAM																																		
2.E. Electronics industry	WAM	NO			NK		NK	NK	NK	NK					NO	NO	NO	NO			38,77		33,62	34,97	36,01	37,08								
2.F. Product uses as substitutes for ODS (8)	WAM	NO			NO		NO	NO	NO	NO			1017,14		798,52	609,54	465,64	415,64					NO	NO	NO	NO								
2.G. Other product manufacture and use	WAM	0,00													NO	NO	NO	NO					NO	NO	NO	NO								
2.H. Other	WAM	NO																																	
3. Agriculture	WAM																																		
3.A. Enteric fermentation	WAM																																		
3.B. Manure management	WAM																																		
3.C. Rice cultivation	WAM																																		
3.D. Agricultural soils	WAM																																		
3.E. Prescribed burning of savannahs	WAM																																		
3.F. Field burning of agricultural residues	WAM																																		
3.G. Liming	WAM																																		
3.H. Urea application	WAM																																		
3.I. Other carbon-containing fertilizers	WAM																																		
3.J. Other (please specify)	WAM																																		
4. Land Use, Land-Use Change and Forestry (LULUCF, reported emissions and removals) (9)	WAM																																		
4.A. Forest land	WAM																																		
4.B. Cropland	WAM																																		
4.C. Grassland	WAM																																		
4.D. Wetlands	WAM																																		
4.E. Settlements	WAM																																		
4.F. Other Land	WAM																																		
4.G. Harvested wood products	WAM																																		
4.H. Other	WAM																																		
5. Waste	WAM																																		
5.A. Solid Waste Disposal	WAM																																		
5.B. Biological treatment of solid waste	WAM																																		
5.C. Incineration and open burning of waste	WAM																																		

Annex XXV - Table 1a: Greenhouse gas projections by gases and categories [1]

Version 12 June 2023

Instructions (click the '+' in the left)**:**

Inventory used for base year (6) (year of submission YYYY)	2022																																		
Category (2)	Scenario (WEM, WAM, WOM)	SF6 (kt)	SF6 (kt)	SF6 (kt)	NF3 (kt)	NF3 (kt)	NF3 (kt)	NF3 (kt)	NF3 (kt)	NF3 (kt)	NF3 (kt)	NF3 (kt)	HFC (kt CO2e)	HFC (kt CO2e)	HFC (kt CO2e)	HFC (kt CO2e)	HFC (kt CO2e)	HFC (kt CO2e)	HFC (kt CO2e)	HFC (kt CO2e)	PFC (kt CO2e)	PFC (kt CO2e)	PFC (kt CO2e)	PFC (kt CO2e)	PFC (kt CO2e)	PFC (kt CO2e)	PFC (kt CO2e)	PFC (kt CO2e)	PFC (kt CO2e)	Unspecified mix of HFCs and PFCs (kt CO2e) (3)	Unspecified mix of HFCs and PFCs (kt CO2e) (3)	Unspecified mix of HFCs and PFCs (kt CO2e) (3)	Unspecified mix of HFCs and PFCs (kt CO2e) (3)	Unspecified mix of HFCs and PFCs (kt CO2e) (3)	Unspecified mix of HFCs and PFCs (kt CO2e) (3)
		2040	2045	2050	2020	2020	2025	2030	2035	2040	2045	2050	2020	2020	2025	2030	2035	2040	2045	2050	2020	2020	2025	2030	2035	2040	2045	2050	2020	2020	2025	2030	2035	2040
5.D. Wastewater treatment and discharge	WAM																																		
5.E. Other (please specify)	WAM																																		
Memo items	WAM																																		
International bunkers	WAM																																		
IB.Aviation	WAM																																		
IB.Navigation	WAM																																		
CO2 emissions from biomass	WAM																																		
CO2 captured	WAM																																		
Indirect CO2 (if available) (10)	WAM																																		

Notes

Notation: t signifies the first future year ending with 0 or 5 immediately following the rep
(1) Consistency with the data reported under Article 8 of this Regulation is encouraged.
(2) Use of notation keys: as regards the terms of use defined in the 2006 IPCC Guidelines
notation keys of IE (included elsewhere), NO (not occurring), C (confidential) and NA (not
reporting level (see 2006 IPCC Guidelines). The use of the notation key NE (Not Estimatec
required to collect data for a category or a gas from a specific category that would be ins
a Member State shall list all categories and gases from categories excluded on these grou
emissions or removals and identify the category as 'not estimated' using the notation key

(3) Unspecified mix of HFCs and PFCs is to be reported only if emissions are projected, for
(4) Emissions in the scope of Directive 2003/87/EC
(5) Emissions in the scope of Regulation (EU) 2018/842.
(6) It shall be reported to which inventory submission the base year was calibrated.
(7) Values for t-5 shall only be provided when t-5 is after the projection base year.
(8) ODS – ozone depleting substances.
(9) For the purposes of reporting, the signs for removal shall always be negative (-) and th
(10) Projected indirect CO2 emissions reported in this Table are part of the projected Tot

Annex XXV - Table 1a: Greenhouse gas projections by gases and categories [1]

Version 12 June 2023

Instructions (click the '+' in the left):

Inventory used for base year (6) (year of submission YYYY)	2022																											
Category (2)	Scenario (WEM, WAM, WOM)	Unspecified mix of HFCs and PFCs (kt CO2e) (3)	Unspecified mix of HFCs and PFCs (kt CO2e) (3)	Total GHG emissions (ktCO2e)	Total GHG emissions (ktCO2e)	Total GHG emissions (ktCO2e)	Total GHG emissions (ktCO2e)	Total GHG emissions (ktCO2e)	Total GHG emissions (ktCO2e)	Total GHG emissions (ktCO2e)	Total GHG emissions (ktCO2e)	ETS emissions (ktCO2e) (4)	ETS emissions (ktCO2e) (4)	ETS emissions (ktCO2e) (4)	ETS emissions (ktCO2e) (4)	ETS emissions (ktCO2e) (4)	ETS emissions (ktCO2e) (4)	ETS emissions (ktCO2e) (4)	ETS emissions (ktCO2e) (4)	ESR emissions (ktCO2e) (5)	ESR emissions (ktCO2e) (5)	ESR emissions (ktCO2e) (5)	ESR emissions (ktCO2e) (5)	ESR emissions (ktCO2e) (5)	ESR emissions (ktCO2e) (5)	ESR emissions (ktCO2e) (5)	ESR emissions (ktCO2e) (5)	ESR emissions (ktCO2e) (5)
		2045	2050	2020	2020	2025	2030	2035	2040	2045	2050	2020	2020	2025	2030	2035	2040	2045	2050	2020	2020	2025	2030	2035	2040	2045	2050
Total excluding LULUCF	WEM			165487,84		158037,38	120614,45	112808,90	105861,88	90574,97	87568,84	74089,44		70362,74	41122,63	37977,05	36857,60	32028,94	30844,20	91374,43		87642,20	79460,34	74800,69	68973,40	58546,04	56724,64
Total including LULUCF	WEM			169723,66		161971,42	124272,11	115893,18	108781,84	93372,37	90230,10	74089,44		70362,74	41122,63	37977,05	36857,60	32028,94	30844,20	91398,58		87642,20	79460,34	74800,69	68973,40	58546,04	56724,64
1. Energy	WEM			134955,85		128617,06	101070,89	93665,17	87837,84	64043,90	61420,90	68796,63		63331,66	41726,78	38142,42	37822,39	25458,89	24275,87	66135,26		65252,97	59312,62	55491,60	49984,56	38585,01	37145,03
1.A. Fuel combustion	WEM			133550,31		124600,52	96266,90	89209,60	83726,01	NK	NK	67898,29		59761,45	37329,45	34055,86	34062,01	NK	NK	65628,06		64806,63	58905,96	55122,58	49633,11	NK	NK
1.A.1. Energy industries	WEM			47820,84		41667,54	21984,63	18381,80	18834,13	NK	NK	46087,26		38092,53	18409,36	15117,27	15698,34	NK	NK	1733,58		3575,01	3575,27	3264,53	3135,79	NK	NK
1.A.1.a. Public electricity and heat production	WEM			35746,06		30148,50	12064,04	9465,84	10810,08	NK	NK	34462,24		27186,07	9074,73	6707,54	8053,01	NK	NK	1283,82		2962,43	2989,31	2758,29	2757,07	NK	NK
1.A.1.b. Petroleum refining	WEM			9398,16		8116,67	7261,49	6777,64	6410,40	NK	NK	9310,45		8028,52	7179,06	6698,45	6333,68	NK	NK	87,71		88,15	82,42	79,18	76,72	NK	NK
1.A.1.c. Manufacture of solid fuels and other energy industries	WEM			2676,62		3402,37	2659,11	2138,32	1613,66	NK	NK	2314,56		2877,94	2155,57	1711,27	1311,66	NK	NK	362,06		524,43	503,54	427,05	302,00	NK	NK
1.A.2. Manufacturing industries and construction	WEM			27269,77		26835,74	23492,49	23446,79	22664,73	NK	NK	21291,11		21271,42	18575,80	18629,63	18088,21	NK	NK	5978,66		5564,32	4916,69	4817,15	4576,51	NK	NK
1.A.3. Transport	WEM			26310,55		27703,27	25132,19	23594,22	20723,65	NK	NK	0,00		0,00	0,00	0,00	0,00	NK	NK	26286,59		27670,83	25100,71	23563,07	20692,76	NK	NK
1.A.3.a. Domestic aviation	WEM			24,14		32,68	31,72	31,39	31,13	NK	NK									0,18		0,25	0,24	0,24	0,23	NK	NK
1.A.3.b. Road transportation	WEM			25437,38		26668,12	24069,79	22534,55	19667,37	NK	NK	0,00		0,00	0,00	0,00	0,00	NK	NK	25437,38		26668,12	24069,79	22534,55	19667,37	NK	NK
1.A.3.c. Railways	WEM			60,84		53,45	58,99	62,72	64,22	NK	NK	0,00		0,00	0,00	0,00	0,00	NK	NK	60,84		53,45	58,99	62,72	64,22	NK	NK
1.A.3.d. Domestic navigation	WEM			699,15		949,01	971,69	965,55	960,93	NK	NK	0,00		0,00	0,00	0,00	0,00	NK	NK	699,15		949,01	971,69	965,55	960,93	NK	NK
1.A.3.e. Other transportation	WEM			IE		IE	IE	IE	IE	NK	NK	0,00		0,00	0,00	0,00	0,00	NK	NK	IE		IE	IE	IE	IE	NK	NK
1.A.4. Other sectors	WEM			31985,77		28234,83	25498,44	23627,65	21344,36	NK	NK	519,92		397,49	344,29	308,96	275,45	NK	NK	31465,85		27837,34	25154,15	23318,69	21068,91	NK	NK
1.A.4.a. Commercial/Institutional	WEM			6431,20		5284,63	4716,37	4267,22	3629,34	NK	NK	313,08		235,91	208,33	185,32	153,72	NK	NK	6118,12		5048,72	4508,04	4081,91	3475,62	NK	NK
1.A.4.b. Residential	WEM			15424,84		14803,35	13719,00	12624,14	11011,96	NK	NK	0,00		0,00	0,00	0,00	0,00	NK	NK	15424,84		14803,35	13719,00	12624,14	11011,96	NK	NK
1.A.4.c. Agriculture/Forestry/Fishing	WEM			10129,73		8146,85	7063,07	6736,29	6703,06	NK	NK	206,84		161,58	135,97	123,65	121,73	NK	NK	9922,89		7985,26	6927,10	6612,64	6581,33	NK	NK
1.A.5. Other	WEM			163,38		159,14	159,14	159,14	159,14	NK	NK	0,00		0,00	0,00	0,00	0,00	NK	NK	163,38		159,14	159,14	159,14	159,14	NK	NK
1.B. Fugitive emissions from fuels	WEM			1405,54		4016,54	4803,99	4455,57	4111,83	NK	NK	898,34		3570,20	4397,33	4086,55	3760,38	NK	NK	507,20		446,34	406,66	369,02	351,44	NK	NK
1.B.1. Solid fuels	WEM			77,10		61,44	188,32	149,31	139,31	NK	NK	77,10		61,44	188,32	149,31	139,31	NK	NK	0,00		0,00	0,00	0,00	0,00	NK	NK
1.B.2. Oil and natural gas and other emissions from energy production	WEM			1328,44		3955,09	4615,67	4306,26	3972,52	NK	NK	821,24		3508,76	4209,01	3937,25	3621,08	NK	NK	507,20		446,34	406,66	369,02	351,44	NK	NK
1.C. CO2 transport and storage	WEM			NO		NO	NO	NO	NO	NK	NK	NO		NO	NO	NO	NO	NK	NK	NO		NO	NO	NO	NO	NK	NK
2. Industrial processes	WEM			8640,92		8982,53	8781,60	8724,31	8171,72	8008,97	7934,10	5292,26		7042,80	7082,65	7215,29	6596,39	6570,05	6568,33	3348,66		1939,73	1698,95	1509,02	1575,33	1438,93	1365,77
2.A. Mineral Industry	WEM			1069,62		1179,01	1156,12	1167,18	1180,69	NK	NK	584,47		660,53	645,32	655,49	667,40	NK	NK	485,15		518,48	510,79	511,69	513,28	NK	NK
2.A.1. Cement production	WEM			NO		NO	NO	NO	NO	NK	NK	NO						NK	NK	NO		NO	NO	NO	NO	NK	NK
2.B. Chemical industry	WEM			5747,46		6277,11	6312,14	6447,73	5928,29	NK	NK	4541,79		6232,04	6286,22	6407,91	5776,19	NK	NK	1205,67		45,07	25,92	39,81	152,10	NK	NK
2.C. Metal industry	WEM			155,35		150,23	151,10	151,89	152,80	NK	NK	166,01		150,23	151,10	151,89	152,80	NK	NK	-10,65		0,00	0,00	0,00	0,00	NK	NK
2.C.1. Iron and steel production	WEM			17,13		NE	NE	NE	NE	NK	NK	17,13		NE	NE	NE	NE	NK	NK	0,00		NE	NE	NE	NE	NK	NK
2.D. Non-energy products from fuels and solvent use	WEM			335,04		324,47	329,14	330,13	331,09	NK	NK	0,00		0,00	0,00	0,00	0,00	NK	NK	335,04		324,47	329,14	330,13	331,09	NK	NK
2.E. Electronics industry	WEM			38,77		33,62	34,97	36,01	37,08	NK	NK	0,00		0,00	0,00	0,00	0,00	NK	NK	38,77		33,62	34,97	36,01	37,08	NK	NK
2.F. Product uses as substitutes for ODS (8)	WEM			1017,14		798,52	609,54	465,64	415,64	NK	NK	0,00		0,00	0,00	0,00	0,00	NK	NK	1017,14		798,52	609,54	465,64	415,64	NK	NK
2.G. Other product manufacture and use	WEM			260,42		207,59	176,14	112,95	112,95	NK	NK	0,00		0,00	0,00	0,00	0,00	NK	NK	260,42		207,59	176,14	112,95	112,95	NK	NK
2.H. Other	WEM			17,12		11,98	12,44	12,78	13,18	NK	NK	0,00		0,00	0,00	0,00	0,00	NK	NK	17,12		11,98	12,44	12,78	13,18	NK	NK
3. Agriculture	WEM			18450,27		17700,03	17457,77	17345,10	17224,23	17012,10	16873,84									18450,27		17700,03	17457,77	17345,10	17224,23	17012,10	16873,84
3.A. Enteric fermentation	WEM			9179,74		9047,79	9047,85	9025,97	8995,71	NK	NK									9179,74		9047,79	9047,85	9025,97	8995,71	NK	NK
3.B. Manure management	WEM			4830,77		3830,92	3674,86	3649,87	3626,17	NK	NK									4830,77		3830,92	3674,86	3649,87	3626,17	NK	NK
3.C. Rice cultivation	WEM			NO		NO	NO	NO	NO	NK	NK									NO		NO	NO	NO	NO	NK	NK
3.D. Agricultural soils	WEM			4361,55		IE	IE	IE	IE	NK	NK									4361,55		IE	IE	IE	IE	NK	NK
3.E. Prescribed burning of savannahs	WEM			NO		NO	NO	NO	NO	NK	NK									NO		NO	NO	NO	NO	NK	NK
3.F. Field burning of agricultural residues	WEM			NO		NO	NO	NO	NO	NK	NK									NO		NO	NO	NO	NO	NK	NK
3.G. Liming	WEM			31,03		30,54	30,00	29,47	28,93	NK	NK									31,03		30,54	30,00	29,47	28,93	NK	NK
3.H. Urea application	WEM			47,17		46,42	45,60	44,79	43,98	NK	NK									47,17		46,42	45,60	44,79	43,98	NK	NK
3.I. Other carbon-containing fertilizers	WEM			NO		NO	NO	NO	NO	NK	NK									NO		NO	NO	NO	NO	NK	NK
3.J. Other (please specify)	WEM			NO		NO	NO	NO	NO	NK	NK									NO		NO	NO	NO	NO	NK	NK
4. Land Use, Land-Use Change and Forestry (LULUCF, reported emissions and removals) (9)	WEM			4211,60		3942,01	3665,85	3092,73	2928,71	2797,40	2661,26																
4.A. Forest land	WEM			**-2265,76**		**-2081,58**	**-2125,72**	**-2338,42**	-2512,47																		
4.B. Cropland	WEM			**1699,21**		**1652,18**	**1778,24**	**1800,38**	1864,66																		
4.C. Grassland	WEM			**3357,33**		**3166,39**	**2788,69**	**2469,07**	2406,62																		
4.D. Wetlands	WEM			**-55,11**		**-66,10**	**-35,89**	**-38,51**	-1,99																		
4.E. Settlements	WEM			**1174,93**		**1049,48**	**1059,71**	**1036,56**	1077,69																		
4.F. Other Land	WEM			**179,54**		**119,12**	**100,59**	**66,33**	0,00																		
4.G. Harvested wood products	WEM			**121,46**		**102,52**	**100,22**	**97,33**	94,19																		
4.H. Other	WEM			**NA**		**NA**	**NA**	**NA**	NA																		
5. Waste	WEM			3021,48		2376,54	1874,60	1491,09	1216,18	1040,00	850,00									3021,48		2376,54	1874,60	1491,09	1216,18	1040,00	850,00
5.A. Solid Waste Disposal	WEM			2477,53		1888,78	1386,84	1003,32	728,41	NK	NK									2477,53		1888,78	1386,84	1003,32	728,41	NK	NK
5.B. Biological treatment of solid waste	WEM			210,84		190,39	190,39	190,39	190,39	NK	NK									210,84		190,39	190,39	190,39	190,39	NK	NK
5.C. Incineration and open burning of waste	WEM			0,21		NE	NE	NE	NE	NK	NK									0,21		0,00	0,00	0,00	0,00	NK	NK
5.D. Wastewater treatment and discharge	WEM			332,90		297,38	297,38	297,38	297,38	NK	NK									332,90		297,38	297,38	297,38	297,38	NK	NK
5.E. Other (please specify)	WEM			0,00		NE	NE	NE	NE	NK	NK									0,00		0,00	0,00	0,00	0,00	NK	NK
Memo items	WEM																										
International bunkers	WEM			44402,35		48810,27	48371,38	48616,00	48465,95	47819,63	48640,48																
IB.Aviation	WEM			6681,87		10985,44	11907,27	12237,69	12134,50	12040,60	12040,08																

Annex XXV - Table 1a: Greenhouse gas projections by gases and categories [1]

Version 12 June 2023

Instructions (click the '+' in the left):

Inventory used for base year (6) (year of submission YYYY)	2022																											
Category (2)	Scenario (WEM, WAM, WOM)	Unspecified mix of HFCs and PFCs (kt CO2e) (3)	Unspecified mix of HFCs and PFCs (kt CO2e) (3)	Total GHG emissions (ktCO2e)	Total GHG emissions (ktCO2e)	Total GHG emissions (ktCO2e)	Total GHG emissions (ktCO2e)	Total GHG emissions (ktCO2e)	Total GHG emissions (ktCO2e)	Total GHG emissions (ktCO2e)	Total GHG emissions (ktCO2e)	ETS emissions (ktCO2e) (4)	ETS emissions (ktCO2e) (4)	ETS emissions (ktCO2e) (4)	ETS emissions (ktCO2e) (4)	ETS emissions (ktCO2e) (4)	ETS emissions (ktCO2e) (4)	ETS emissions (ktCO2e) (4)	ETS emissions (ktCO2e) (4)	ESR emissions (ktCO2e) (5)	ESR emissions (ktCO2e) (5)	ESR emissions (ktCO2e) (5)	ESR emissions (ktCO2e) (5)	ESR emissions (ktCO2e) (5)	ESR emissions (ktCO2e) (5)	ESR emissions (ktCO2e) (5)	ESR emissions (ktCO2e) (5)
		2045	2050	2020	2020	2025	2030	2035	2040	2045	2050	2020	2020	2025	2030	2035	2040	2045	2050	2020	2020	2025	2030	2035	2040	2045	2050
IB.Navigation	WEM			37720,49		37824,83	36464,11	36378,32	36331,45	35779,03	36600,40																
CO2 emissions from biomass	WEM			19265,00		22615,00	15804,54	13628,04	22443,63	23317,45	24500,28																
CO2 captured	WEM			0,00		66,40	9014,75	8869,56	9050,09	9100,00	9098,54			11,71	7686,80	7380,66	7561,18					54,69	1327,95	1488,90	1488,90		
Indirect CO2 (if available) (10)	WEM			419,32		427,62	444,33	452,78	462,01	470,00	490,00									**419,32**		427,62	444,33	452,78	462,01	470,00	490,00
Total excluding LULUCF	WAM			165487,84		158007,58	120313,26	111721,69	103232,57			74089,44		70404,90	41688,02	39105,86	38734,06			91374,43		87570,24	78593,76	72584,67	64467,62		
Total including LULUCF	WAM			169723,66		161941,62	123970,92	114805,97	106152,53			74089,44		70404,90	41688,02	39105,86	38734,06			91398,58		87570,24	78593,76	72584,67	64467,62		
1. Energy	WAM			134955,85		128613,34	100674,07	92627,34	85163,35			68796,63		63408,10	42288,66	39330,77	39663,36			66135,26		65172,81	58353,93	53265,42	45469,09		
1.A. Fuel combustion	WAM			133550,31		124596,80	95869,95	88187,58	81051,14			67898,29		59837,90	37891,20	35260,03	35902,60			65628,06		64726,47	57947,27	52896,40	45117,65		
1.A.1. Energy industries	WAM			47820,84		41745,92	22547,01	19571,27	20548,03			46087,26		38170,91	18971,77	16306,75	17412,54			1733,58		3575,01	3575,23	3264,52	3135,49		
1.A.1.a. Public electricity and heat production	WAM			35746,06		30226,86	12626,72	10655,33	12599,96			34462,24		27264,44	9637,43	7897,04	9842,81			1283,82		2962,43	2989,30	2758,29	2757,15		
1.A.1.b. Petroleum refining	WAM			9398,16		8116,67	7261,46	6777,63	6333,87			9310,45		8028,52	7179,03	6698,45	6257,66			87,71		88,15	82,42	79,18	76,21		
1.A.1.c. Manufacture of solid fuels and other energy industries	WAM			2676,62		3402,38	2658,83	2138,31	1614,20			2314,56		2877,94	2155,31	1711,26	1312,07			362,06		524,43	503,52	427,05	302,13		
1.A.2. Manufacturing industries and construction	WAM			27269,77		26835,20	23474,03	23471,99	22816,01			21291,11		21270,57	18580,09	18644,91	18211,44			5978,66		5564,63	4893,95	4827,08	4604,57		
1.A.3. Transport	WAM			26310,55		27681,46	24420,39	21424,50	16150,50			0,00		0,00	0,00	0,00	0,00			26286,59		27649,02	24388,91	21393,35	16119,61		
1.A.3.a. Domestic aviation	WAM			24,14		32,68	31,72	31,39	31,13											0,18		0,25	0,24	0,24	0,23		
1.A.3.b. Road transportation	WAM			25437,38		26646,18	23346,33	20347,29	15081,80			0,00		0,00	0,00	0,00	0,00			25437,38		26646,18	23346,33	20347,29	15081,80		
1.A.3.c. Railways	WAM			60,84		53,45	58,96	64,36	64,41			0,00		0,00	0,00	0,00	0,00			60,84		53,45	58,96	64,36	64,41		
1.A.3.d. Domestic navigation	WAM			699,15		949,15	983,38	981,46	973,16			0,00		0,00	0,00	0,00	0,00			699,15		949,15	983,38	981,46	973,16		
1.A.3.e. Other transportation	WAM			IE		IE	IE	IE	IE			0,00		0,00	0,00	0,00	0,00			IE		IE	IE	IE	IE		
1.A.4. Other sectors	WAM			31985,77		28175,09	25269,38	23560,67	21377,46			519,92		396,42	339,34	308,36	278,62			31465,85		27778,67	24930,04	23252,31	21098,84		
1.A.4.a. Commercial/Institutional	WAM			6431,20		5252,74	4658,72	4241,55	3618,06			313,08		234,34	205,48	183,61	153,12			6118,12		5018,40	4453,24	4057,95	3464,94		
1.A.4.b. Residential	WAM			15424,84		14758,20	13621,94	12518,26	10921,06			0,00		0,00	0,00	0,00	0,00			15424,84		14758,20	13621,94	12518,26	10921,06		
1.A.4.c. Agriculture/Forestry/Fishing	WAM			10129,73		8164,15	6988,71	6800,86	6838,34			206,84		162,08	133,86	124,76	125,50			9922,89		8002,07	6854,85	6676,10	6712,84		
1.A.5. Other	WAM			163,38		159,14	159,14	159,14	159,14			0,00		0,00	0,00	0,00	0,00			163,38		159,14	159,14	159,14	159,14		
1.B. Fugitive emissions from fuels	WAM			1405,54		4016,54	4804,12	4439,76	4112,21			898,34		3570,20	4397,46	4070,75	3760,77			507,20		446,34	406,66	369,02	351,44		
1.B.1. Solid fuels	WAM			77,10		61,44	188,50	149,31	139,36			77,10		61,44	188,50	149,31	139,36			0,00		0,00	0,00	0,00	0,00		
1.B.2. Oil and natural gas and other emissions from energy production	WAM			1328,44		3955,10	4615,62	4290,46	3972,85			821,24		3508,76	4208,96	3921,44	3621,41			507,20		446,34	406,66	369,02	351,44		
1.C. CO2 transport and storage	WAM			NO		NO	NO	NO	NO			NO		NO	NO	NO	NO			NO		NO	NO	NO	NO		
2. Industrial processes	WAM			8640,92		8984,24	8653,41	8612,41	8068,07			5292,26		7044,01	6954,11	7103,24	6493,11			3348,66		1940,23	1699,30	1509,17	1574,96		
2.A. Mineral Industry	WAM			1069,62		1179,06	1156,12	1167,18	1180,69			584,47		660,56	645,32	655,49	667,40			485,15		518,50	510,79	511,69	513,28		
2.A.1. Cement production	WAM			NO		NO	NO	NO	NO			NO		NO	NO	NO	NO			NO		NO	NO	NO	NO		
2.B. Chemical industry	WAM			5747,46		6278,28	6183,69	6335,69	5824,53			4541,79		6233,22	6157,69	6295,87	5672,91			1205,67		45,06	26,00	39,82	151,62		
2.C. Metal industry	WAM			155,35		150,23	151,10	151,89	152,80			166,01		150,23	151,10	151,89	152,80			-10,65		0,00	0,00	0,00	0,00		
2.C.1. Iron and steel production	WAM			17,13		NE	NE	NE	NE			17,13		NE	NE	NE	NE			0,00		NE	NE	NE	NE		
2.D. Non-energy products from fuels and solvent use	WAM			335,04		324,95	329,42	330,27	331,20			0,00		0,00	0,00	0,00	0,00			335,04		324,95	329,42	330,27	331,20		
2.E. Electronics industry	WAM			38,77		33,62	34,97	36,01	37,08			0,00		0,00	0,00	0,00	0,00			38,77		33,62	34,97	36,01	37,08		
2.F. Product uses as substitutes for ODS (8)	WAM			1017,14		798,52	609,54	465,64	415,64			0,00		0,00	0,00	0,00	0,00			1017,14		798,52	609,54	465,64	415,64		
2.G. Other product manufacture and use	WAM			260,42		207,59	176,14	112,95	112,95			0,00		0,00	0,00	0,00	0,00			260,42		207,59	176,14	112,95	112,95		
2.H. Other	WAM			17,12		11,98	12,44	12,78	13,18			0,00		0,00	0,00	0,00	0,00			17,12		11,98	12,44	12,78	13,18		
3. Agriculture	WAM			18450,27		17700,01	17458,39	17347,12	17226,26											18450,27		17700,01	17458,39	17347,12	17226,26		
3.A. Enteric fermentation	WAM			9179,74		9047,79	9047,85	9025,97	8995,71											9179,74		9047,79	9047,85	9025,97	8995,71		
3.B. Manure management	WAM			4830,77		3830,92	3674,86	3649,87	3626,17											4830,77		3830,92	3674,86	3649,87	3626,17		
3.C. Rice cultivation	WAM			0,00		NO	NO	NO	NO											0,00		0,00	0,00	0,00	0,00		
3.D. Agricultural soils	WAM			4361,55		IE	IE	IE	IE											4361,55		0,00	0,00	0,00	0,00		
3.E. Prescribed burning of savannahs	WAM			0,00		NO	NO	NO	NO											0,00		0,00	0,00	0,00	0,00		
3.F. Field burning of agricultural residues	WAM			0,00		NO	NO	NO	NO											0,00		0,00	0,00	0,00	0,00		
3.G. Liming	WAM			31,03		30,54	30,00	29,47	28,93											31,03		30,54	30,00	29,47	28,93		
3.H. Urea application	WAM			47,17		46,42	45,60	44,79	43,98											47,17		46,42	45,60	44,79	43,98		
3.I. Other carbon-containing fertilizers	WAM			0,00		NO	NO	NO	NO											0,00		0,00	0,00	0,00	0,00		
3.J. Other (please specify)	WAM			0,00		NO	NO	NO	NO											0,00		0,00	0,00	0,00	0,00		
4. Land Use, Land-Use Change and Forestry (LULUCF, reported emissions and removals) (9)	WAM			**4211,60**		**3934,04**	**3657,66**	**3084,29**	**2919,96**																		
4.A. Forest land	WAM			**-2265,76**		**-2089,12**	**-2133,50**	**-2346,47**	**-2520,83**																		
4.B. Cropland	WAM			**1699,21**		**1652,19**	**1778,23**	**1800,39**	**1864,66**																		
4.C. Grassland	WAM			**3357,33**		**3165,99**	**2788,29**	**2468,66**	**2406,21**																		
4.D. Wetlands	WAM			**-55,11**		**-66,11**	**-35,89**	**-38,49**	**-1,98**																		
4.E. Settlements	WAM			**1174,93**		**1049,46**	**1059,70**	**1036,56**	**1077,70**																		
4.F. Other Land	WAM			**179,54**		**119,12**	**100,60**	**66,32**	**0,00**																		
4.G. Harvested wood products	WAM			**121,46**		**102,52**	**100,22**	**97,33**	**94,19**																		
4.H. Other	WAM			**NA**		**NA**	**NA**	**NA**	**NA**																		
5. Waste	WAM			3021,48		2376,54	1874,60	1491,09	1216,18											3021,48		2376,54	1874,60	1491,09	1216,18		
5.A. Solid Waste Disposal	WAM			2477,53		1888,78	1386,84	1003,32	728,41											2477,53		1888,78	1386,84	1003,32	728,41		
5.B. Biological treatment of solid waste	WAM			210,84		190,39	190,39	190,39	190,39											210,84		190,39	190,39	190,39	190,39		
5.C. Incineration and open burning of waste	WAM			0,21		NE	NE	NE	NE											0,21		0,00	0,00	0,00	0,00		

Annex XXV - Table 1a: Greenhouse gas projections by gases and categories [1]

Version 12 June 2023

Instructions (click the '+' in the left)**:**

Inventory used for base year (6) (year of submission YYYY)	2022																											
Category (2)	Scenario (WEM, WAM, WOM)	Unspecified mix of HFCs and PFCs (kt CO2e) (3)	Unspecified mix of HFCs and PFCs (kt CO2e) (3)	Total GHG emissions (ktCO2e)	Total GHG emissions (ktCO2e)	Total GHG emissions (ktCO2e)	Total GHG emissions (ktCO2e)	Total GHG emissions (ktCO2e)	Total GHG emissions (ktCO2e)	Total GHG emissions (ktCO2e)	Total GHG emissions (ktCO2e)	ETS emissions (ktCO2e) (4)	ETS emissions (ktCO2e) (4)	ETS emissions (ktCO2e) (4)	ETS emissions (ktCO2e) (4)	ETS emissions (ktCO2e) (4)	ETS emissions (ktCO2e) (4)	ETS emissions (ktCO2e) (4)	ETS emissions (ktCO2e) (4)	ESR emissions (ktCO2e) (5)	ESR emissions (ktCO2e) (5)	ESR emissions (ktCO2e) (5)	ESR emissions (ktCO2e) (5)	ESR emissions (ktCO2e) (5)	ESR emissions (ktCO2e) (5)	ESR emissions (ktCO2e) (5)	ESR emissions (ktCO2e) (5)
		2045	2050	2020	2020	2025	2030	2035	2040	2045	2050	2020	2020	2025	2030	2035	2040	2045	2050	2020	2020	2025	2030	2035	2040	2045	2050
5.D. Wastewater treatment and discharge	WAM			332,90		297,38	297,38	297,38	297,38											332,90		297,38	297,38	297,38	297,38		
5.E. Other (please specify)	WAM			0,00		NE	NE	NE	NE											0,00		0,00	0,00	0,00	0,00		
Memo items	WAM																										
International bunkers	WAM			44402,35		48169,62	47356,86	46134,91	45095,29																		
IB.Aviation	WAM			6681,87		10344,79	10905,77	9747,98	8768,31																		
IB.Navigation	WAM			37720,49		37824,83	36451,10	36386,93	36326,98																		
CO2 emissions from biomass	WAM			19265,00		22675,42	15724,62	14582,27	25078,74																		
CO2 captured	WAM			0,00		94,18	8791,54	8809,05	8903,28					47,21	7554,75	7328,16	7422,41					46,97	1236,79	1480,89	1480,87		
Indirect CO2 (if available) (10)	WAM			419,32		427,62	444,33	452,77	462,00											419,32		427,62	444,33	452,77	462,00		

Notes

Notation: t signifies the first future year ending with 0 or 5 immediately following the rep

(1) Consistency with the data reported under Article 8 of this Regulation is encouraged.

(2) Use of notation keys: as regards the terms of use defined in the 2006 IPCC Guidelines notation keys of IE (included elsewhere), NO (not occurring), C (confidential) and NA (not reporting level (see 2006 IPCC Guidelines). The use of the notation key NE (Not Estimatec required to collect data for a category or a gas from a specific category that would be ins a Member State shall list all categories and gases from categories excluded on these grou emissions or removals and identify the category as 'not estimated' using the notation key

(3) Unspecified mix of HFCs and PFCs is to be reported only if emissions are projected, for

(4) Emissions in the scope of Directive 2003/87/EC

(5) Emissions in the scope of Regulation (EU) 2018/842.

(6) It shall be reported to which inventory submission the base year was calibrated.

(7) Values for t-5 shall only be provided when t-5 is after the projection base year.

(8) ODS – ozone depleting substances.

(9) For the purposes of reporting, the signs for removal shall always be negative (-) and tl

(10) Projected indirect CO2 emissions reported in this Table are part of the projected Tot