

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 (t)	CO2 (kt)	CO2 (Mt)	CO2 (Mt)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CO2 (kt)	CH4 (t)	CH4 (kt)	CH4 (kt)	CH4 (kt)	CH4 (kt)	CH4 (kt)	CH4 (kt)	CH4 (kt)	N2O (t)	N2O (kt)	N2O (kt)	N2O (kt)	N2O (kt)	N2O (kt)	N2O (kt)	N2O (kt)	N2O (kt)	N2O (kt)	SF6 (t)	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			
S.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										
S.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										
II.A. Aviation	WAM	6631,41				10265,10	10819,12	9656,15	8671,29			0,05		0,07	0,08	0,09	0,09			0,19		0,29	0,32	0,34	0,36										
II.B. 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.

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Inventory used for base year (6) (year of submission YYYY)	2022																																							
	Scenario (NEM, WAM, WOMB)	Sf6 (t)	Sf6 (t)	Sf6 (t)	NF3 (t)	NF3 (t)	NF3 (t)	NF3 (t)	NF3 (t)	NF3 (t)	NF3 (t)	NF3 (t)	NF3 (t)	HFC (t) CO2e	HFC (t) CO2e	HFC (t) CO2e	HFC (t) CO2e	HFC (t) CO2e	HFC (t) CO2e	HFC (t) CO2e	HFC (t) CO2e	HFC (t) CO2e	HFC (t) CO2e	PF2 (t) CO2e	PF2 (t) CO2e	PF2 (t) CO2e	PF2 (t) CO2e	PF2 (t) CO2e	PF2 (t) CO2e	PF2 (t) CO2e	PF2 (t) CO2e	Unspecified mix of HFCs and PFCs (t) CO2e (3)	Unspecified mix of HFCs and PFCs (t) CO2e (3)	Unspecified mix of HFCs and PFCs (t) CO2e (3)	Unspecified mix of HFCs and PFCs (t) CO2e (3)	Unspecified mix of HFCs and PFCs (t) CO2e (3)	Unspecified mix of HFCs and PFCs (t) CO2e (3)			
Category (2)		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						
S.D. Wastewater treatment and discharge	WAM																																							
S.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																																							

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

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Category (2)	Scenario (NEM, WAM, WOM)	2022																																
		Unspecified mix of HFCs and PFCs (B, CO2e) (3)		Unspecified mix of HFCs and PFCs (B, CO2e) (3)		Total GHG emissions (B, CO2e)	Total GHG emissions (C, CO2e)	Total GHG emissions (C, CO2e)	Total GHG emissions (C, CO2e)	Total GHG emissions (C, CO2e)	Total GHG emissions (C, CO2e)	Total GHG emissions (C, CO2e)	Total GHG emissions (C, CO2e)	Total GHG emissions (C, CO2e)	Total GHG emissions (C, CO2e)	Total GHG emissions (C, CO2e)	Total GHG emissions (C, CO2e)	Total GHG emissions (C, CO2e)	Total GHG emissions (C, CO2e)	Total GHG emissions (C, CO2e)	Total GHG emissions (C, CO2e)	Total GHG emissions (C, CO2e)	Total GHG emissions (C, CO2e)	Total GHG emissions (C, CO2e)	Total GHG emissions (C, CO2e)	Total GHG emissions (C, CO2e)	Total GHG emissions (C, CO2e)	Total GHG emissions (C, CO2e)						
		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	2045
S.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										
S.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	23078,74																									
CO2 captured	WAM			0,00		94,39	8791,34	8809,05	8903,28					47,21	7554,75	7328,16	7422,41													46,97	1236,79	1480,89	1480,67	
Indirect CO2 (if available) (10)	WAM			419,32		427,62	444,31	452,77	462,00											419,32	427,62	444,31	452,77	462,00										

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