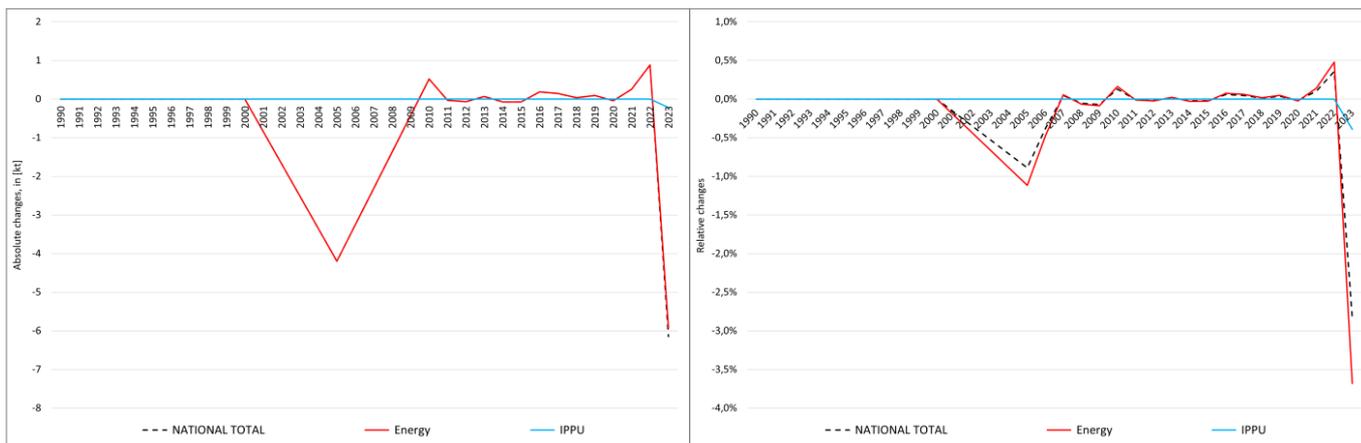


Recalculations - Sulphur Oxides



The negligibly small changes in the **National Total** reported for **1990 (+0.85 kt or +0.02 %)** result almost entirely from revised emission estimates in NFR sub-category **2.B.6** together with less significant changes throughout NFR 1.

The strongest percental change, however, occurs for **2.B.6** with **plus 49.5 %**.

Table 1: Changes in emission estimates for 1990

NFR Sector	Submission 2025	Submission 2026	Difference		Reasoning
	[kt]		absolute	relative	
NATIONAL TOTAL	5.460,81	5.460,81	0,00	0,00%	see description and reasoning in: sub-category chapters
NFR 1 - Energy	5.284,38	5.284,38	0,00	0,00%	sub-category chapters
1.A.1.a	2.435,31	2.435,31	0,00	0,00%	here
1.A.1.b	161,49	161,49	0,00	0,00%	here
1.A.1.c	538,70	538,70	0,00	0,00%	here
1.A.2.a	39,53	39,53	0,00	0,00%	here
1.A.2.b	6,86	6,86	0,00	0,00%	here
1.A.2.c	IE				here
1.A.2.d	IE	IE	#WERT!	#WERT!	here
1.A.2.e	13,25				here
1.A.2.f	11,12	11,12	0,00	0,00%	here
1.A.2.g vii	2,6625	2,6627	0,0002	0,01%	here
1.A.2.g viii	832,30	832,30	0,00	0,00%	here
1.A.3.a i(i)	0,2432	0,2432	0,00	0,00%	here
1.A.3.a ii(i)	0,1745	0,1745	0,00	0,00%	here
1.A.3.b i	34,20	34,20	0,00	0,00%	here
1.A.3.b ii	2,98	2,98	0,00	0,00%	here
1.A.3.b iii	34,77	34,77	0,00	0,00%	here
1.A.3.b iv	0,23	0,23	0,00	0,00%	here
1.A.3.b v	NA	NA	#WERT!	#WERT!	here
1.A.3.b vi	NA	NA	#WERT!	#WERT!	here
1.A.3.b vii	NA	NA	#WERT!	#WERT!	here
1.A.3.c	8,27	8,27	0,00	0,00%	here
1.A.3.d i(ii)	IE	IE	#WERT!	#WERT!	
1.A.3.d ii	10,87	10,87	0,00	0,00%	here
1.A.3.e i	0,00	0,00	0,00	0,00%	1.A.3.e i - Pipeline Transport]
1.A.3.e ii	NA	NA	#WERT!	#WERT!	1.A.3.e ii - Other Transport: Other]
1.A.4.a i	360,29	360,29	0,00	0,00%	here
1.A.4.a ii	0,5342	0,5341	-0,0001	-0,03%	here
1.A.4.b i	607,80	607,80	0,00	0,00%	here
1.A.4.b ii	0,02	0,02	0,00	0,00%	here

	Submission 2025	Submission 2026	Difference		Reasoning
NFR Sector	[kt]		absolute	relative	see description and reasoning in:
NATIONAL TOTAL	5.460,81	5.460,81	0,00	0,00%	sub-category chapters
NFR 1 - Energy	5.284,38	5.284,38	0,00	0,00%	sub-category chapters
1.A.4.c i	51,90	51,90	0,00	0,00%	here
1.A.4.c ii	5,75770	5,75766	-0,00005	-0,001%	here
1.A.4.c iii	0,19	0,19	0,00	0,00%	here
1.A.5.a	65,82	65,82	0,00	0,00%	here
1.A.5.b	3,47	3,47	0,00	0,00%	here
1.B.1.a	NA	NA	#WERT!	#WERT!	here
1.B.1.b	38,19	38,19	0,00	0,00%	here
1.B.1.c	NA	NA	#WERT!	#WERT!	here
1.B.2.a i	NA	NA	#WERT!	#WERT!	
1.B.2.a iv	5,1799	5,1799	0,00	0,00%	
1.B.2.a v	NA	NA	#WERT!	#WERT!	
1.B.2.b	0,01	0,01	0,00	0,00%	
1.B.2.c	12,26	12,26	0,00	0,00%	
1.B.2.d	NA	NA	#WERT!	#WERT!	
NFR 2 - IPPU	176,39	176,39	0,00	0,00%	sub-category chapters
2.A.1	8,89	8,89	0,00	0,00%	here
2.A.2	1,49	1,49	0,00	0,00%	here
2.A.3	13,52	13,52	0,00	0,00%	here
2.A.5.a	NA	NA	#WERT!	#WERT!	here
2.A.5.b	NA	NA	#WERT!	#WERT!	here
2.A.5.c	NA	NA	#WERT!	#WERT!	here
2.A.6	17,40	17,40	0,00	0,00%	here
2.B.1	NA	NA	#WERT!	#WERT!	here
2.B.2	NA	NA	#WERT!	#WERT!	here
2.B.3	NA	NA	#WERT!	#WERT!	here
2.B.5	NA	NA	#WERT!	#WERT!	here
2.B.6	2,58	2,58	0,00	0,00%	here
2.B.7	NA	NA	#WERT!	#WERT!	here
2.B.10.a	53,93	53,93	0,00	0,00%	here
2.B.10.b	NA	NA	#WERT!	#WERT!	here
2.C.1	9,48	9,48	0,00	0,00%	here
2.C.2	NE	NE	#WERT!	#WERT!	here
2.C.3	4,81	4,81	0,00	0,00%	here
2.C.4	NA	NA	#WERT!	#WERT!	here
2.C.5	0,72	0,72	0,00	0,00%	here
2.C.6	0,50	0,50	0,00	0,00%	here
2.C.7.a	2,94	2,94	0,00	0,00%	here
2.C.7.b	0,02	0,02	0,00	0,00%	here
2.C.7.c	25,02	25,02	0,00	0,00%	here
2.C.7.d	NA	NA	#WERT!	#WERT!	here
2.D.3.a	NA	NA	#WERT!	#WERT!	here
2.D.3.b	1,50	1,50	0,00	0,00%	here
2.D.3.c	NA	NA	#WERT!	#WERT!	here
2.D.3.d	NA	NA	#WERT!	#WERT!	here
2.D.3.e	NA	NA	#WERT!	#WERT!	here
2.D.3.f	NA	NA	#WERT!	#WERT!	here
2.D.3.g	NA	NA	#WERT!	#WERT!	here
2.D.3.h	NA	NA	#WERT!	#WERT!	here
2.D.3.i	NA	NA	#WERT!	#WERT!	here
2.G	0,0546	0,0546	0,00	0,00%	here
2.H.1	33,55	33,55	0,00	0,00%	here
2.H.2	NA	NA	#WERT!	#WERT!	here

	Submission 2025	Submission 2026	Difference		Reasoning
NFR Sector	[kt]		relative	see description and reasoning in:	
NATIONAL TOTAL	5.460,81	5.460,81	0,00	0,00%	sub-category chapters
NFR 1 - Energy	5.284,38	5.284,38	0,00	0,00%	sub-category chapters
2.H.3	NA	NA	#WERT!	#WERT!	here
2.I	NA	NA	#WERT!	#WERT!	here
2.J	NO	NO	#WERT!	#WERT!	here
2.K	NA	NA	#WERT!	#WERT!	here
2.L	NA	NA	#WERT!	#WERT!	here
NFR 3 - Agriculture	0,00	0,00	0,00	#DIV/0!	sub-category chapters
3.B.1.a	NA	NA	#WERT!	#WERT!	here
3.B.1.b	NA	NA	#WERT!	#WERT!	here
3.B.2	NA	NA	#WERT!	#WERT!	here
3.B.3	NA	NA	#WERT!	#WERT!	here
3.B.4.a	NO	NO	#WERT!	#WERT!	here
3.B.4.d	NA	NA	#WERT!	#WERT!	here
3.B.4.e	NA	NA	#WERT!	#WERT!	here
3.B.4.f	NA	NA	#WERT!	#WERT!	here
3.B.4.g i	NA	NA	#WERT!	#WERT!	here
3.B.4.g ii	NA	NA	#WERT!	#WERT!	here
3.B.4.g iii	NA	NA	#WERT!	#WERT!	here
3.B.4.g iv	NA	NA	#WERT!	#WERT!	here
3.B.4.h	NA	NA	#WERT!	#WERT!	here
3.D.a.1	NA	NA	#WERT!	#WERT!	here
3.D.a.2.a	NA	NA	#WERT!	#WERT!	here
3.D.a.2.b	NA	NA	#WERT!	#WERT!	here
3.D.a.2.c	NA	NA	#WERT!	#WERT!	here
3.D.a.3	NA	NA	#WERT!	#WERT!	here
3.D.a.4	NA	NA	#WERT!	#WERT!	here
3.D.b	NA	NA	#WERT!	#WERT!	here
3.D.c	NA	NA	#WERT!	#WERT!	here
3.D.d	NA	NA	#WERT!	#WERT!	here
3.D.e	NA	NA	#WERT!	#WERT!	here
3.D.f	NA	NA	#WERT!	#WERT!	here
3.F	NO	NO	#WERT!	#WERT!	
3.I	NA	NA	#WERT!	#WERT!	here
NFR 5 - Waste	0,03	0,03	0,00	0,00%	sub-category chapters
5.A	NA	NA	#WERT!	#WERT!	here
5.B.1	NA	NA	#WERT!	#WERT!	here
5.B.2	NA	NA	#WERT!	#WERT!	here
5.C.1.a	NO	NO	#WERT!	#WERT!	
5.C.1.b i	NO	NO	#WERT!	#WERT!	
5.C.1.b ii	NO	NO	#WERT!	#WERT!	
5.C.1.b iii	NO	NO	#WERT!	#WERT!	
5.C.1.b iv	NO	NO	#WERT!	#WERT!	
5.C.1.b v	0,02	0,02	0,00	0,00%	here
5.C.1.b vi	NA	NA	#WERT!	#WERT!	
5.C.2	0,01	0,01	0,00	0,00%	here
5.D.1	NA	NA	#WERT!	#WERT!	here
5.D.2	NA	NA	#WERT!	#WERT!	here
5.D.3	NO	NO	#WERT!	#WERT!	
5.E	NE	NE	#WERT!	#WERT!	here
NFR 6 - Other	0,00	0,00	0,00	#DIV/0!	

Changes in the **National Total** reported for **2022 (-9.17 kt or -3.59 %)** result mainly from a variety of revisions

throughout NFRs 1, 2 and 5, however dominated by changes in NFR sub-categories **1.A.1.a (-13.78 kt)**, **1.A.1.b (+ 8.79 kt)** and **1.A.2.g viii (-5.16 kt)**.

The most significant percental changes occur for **NFRs 1.A.1.b with plus 25.81%** and **1.A.2.g viii with -20.23%**.

Table 2: Changes in emission estimates for 2022

NFR Sector	Submission 2024	Submission 2025	Difference		Reasoning
	[kt]			relative	see description and reasoning in:
NATIONAL TOTAL	255.44	246.27	-9.17	-3.59%	sub-category chapters
NFR 1 - Energy	194.43	184.86	-9.57	-4.92%	sub-category chapters
1.A.1.a	102.62	88.84	-13.78	-13.43%	here
1.A.1.b	34.07	42.87	8.79	25.81%	here
1.A.1.c	6.20	6.15	-0.05	-0.76%	here
1.A.2.a	4.05	4.31	0.25	6.29%	here
1.A.2.b	0.315	0.287	-0.03	-8.79%	here
1.A.2.e	0.74	0.80	0.06	8.76%	here
1.A.2.g vii	0.012	0.011	0.00	-5.11%	here
1.A.2.g viii	25.49	20.33	-5.16	-20.23%	here
1.A.3.a i(i)	0.447	0.447	0.00	0.16%	here
1.A.3.a ii(i)	0.087	0.087	0.00	0.03%	here
1.A.3.b i	0.4745	0.4750	0.00	0.11%	here
1.A.3.b ii	0.068	0.067	0.00	-1.67%	here
1.A.3.b iii	0.213	0.215	0.00	1.13%	here
1.A.3.b iv	0.0071	0.0069	0.00	-2.57%	here
1.A.3.d ii	0.308	0.308	0.00	-0.04%	here
1.A.3.e i	0.00331	0.00332	0.00	0.29%	here
1.A.4.a i	1.18	1.17	-0.01	-0.89%	here
1.A.4.a ii	0.0037	0.0034	-0.0003	-9.01%	here
1.A.4.b i	9.83	10.20	0.37	3.77%	here
1.A.4.b ii	0.00124	0.00127	0.00003	2.11%	here
1.A.4.c i	1.96	2.04	0.08	3.99%	here
1.A.4.c ii	0.0305	0.0313	0.0008	2.72%	here
1.A.4.c iii	0.008	0.008	0.000	0.00%	here
1.A.5.a	0.0148	0.0143	-0.0005	-3.10%	here
1.A.5.b	0.0223	0.0224	0.0001	0.45%	here
1.B.1.b	0.82	0.70	-0.11	-13.84%	here
NFR 2 - IPPU	60.91	61.32	0.40	0.66%	sub-category chapters
2.A.2	0.7896	0.8043	0.01	1.85%	here
2.A.3	7.82	8.27	0.45	5.71%	here
2.B.6	0.78	0.72	-0.06	-7.76%	here
NFR 3 - Agriculture	NA				
NFR 5 - Waste	0.099	0.099	0.00	0.00%	
NFR 6 - Other	NA				