

Recalculations - Sulphur Oxides

The negligibly small changes in the **National Total** reported for **1990 (-4.15 kt or -0.08 %)** result almost entirely from revised emission estimates in the sub-categories of NFR **1.A.3.b** together with less significant changes throughout NFR 1.

Here, the strongest change occurs for **5.C.2 with minus 25 kt** but resulting from a re-allocation of emissions to NFR 2.C.7.c.

The strongest percental change, however, occurs for **2.C.1 with minus 85 %**.

Table 1: Changes in emission estimates for 1990

NFR Sector	Submission 2023	Submission 2024	Difference		Reasoning
	[kt]		absolute	relative	see description and reasoning in:
NATIONAL TOTAL	5.464,11	5.459,96	-4,15	-0,08%	sub-category chapters
NFR 1 - Energy	5.288,46	5.284,38	-4,08	-0,08%	sub-category chapters
1.A.2.g vii	3,85	2,72	-1,13	-29,3%	here
1.A.3.a i(i)	0,2435	0,2432	-0,0003	-0,13%	here
1.A.3.a ii(i)	0,173	0,175	0,002	1,16%	here
1.A.3.b i	35,68	34,20	-1,49	-4,17%	here
1.A.3.b ii	3,16	2,98	-0,18	-5,82%	here
1.A.3.b iii	37,21	34,77	-2,44	-6,56%	here
1.A.3.c	8,24	8,27	0,03	0,35%	here
1.A.3.d ii	10,870	10,873	0,003	0,03%	here
1.A.4.a ii	0,63	0,55	-0,08	-12,7%	here
1.A.4.c ii	4,48	5,69	1,21	26,9%	here
NFR 2 - IPPU	175,54	175,54	0,00	0,00%	
2.C.1	34,50	9,48	-25,02	-72,5%	here
2.C.7.c	NE	25,02	25,02		here
NFR 3 - Agriculture	0,00	0,00	0,00		
NFR 5 - Waste	0,11	0,03	-0,07	-69,6%	sub-category chapters
5.C.2	0,09	0,01	-0,07	-85,0%	here
NFR 6 - Other	0,00	0,00	0,00		

Changes in the **National Total** reported for **2021 (-4.11 kt or -1.62 %)** result mainly from a revision in **NFR sub-category 1.A.2.g viii (-4.45 kt)** together with less relevant changes throughout NFRs 1, 2 and 5.

The most significant percental change occurs for **NFR 5.C.2 with minus 85 %**.

Table 2: Changes in emission estimates for 2021

NFR Sector	Submission 2023	Submission 2024	Difference		Reasoning
	[kt]		absolute	relative	see description and reasoning in:
NATIONAL TOTAL	254,47	250,36	-4,11	-1,62%	sub-category chapters
NFR 1 - Energy	188,07	183,19	-4,88	-2,59%	sub-category chapters
1.A.1.a	96,19	95,21	-0,98	-1,02%	here
1.A.1.b	31,20	31,19	-0,01	-0,04%	here
1.A.1.c	6,09	6,43	0,35	5,68%	here
1.A.2.a	4,54	4,43	-0,10	-2,28%	here
1.A.2.b	0,288	0,333	0,045	15,5%	here
1.A.2.e	0,61	0,68	0,07	11,3%	here
1.A.2.g vii	0,019	0,013	-0,006	-31,6%	here
1.A.2.g viii	28,02	23,57	-4,45	-15,9%	here
1.A.3.a i(i)	0,297	0,296	-0,001	-0,22%	here
1.A.3.a ii(i)	0,065	0,062	-0,004	-5,40%	here
1.A.3.b i	0,4575	0,4533	-0,0042	-0,93%	here
1.A.3.b ii	0,067	0,066	-0,001	-2,08%	here

	Submission 2023	Submission 2024	Difference		Reasoning
NFR Sector	[kt]		absolute	relative	see description and reasoning in:
NATIONAL TOTAL	254,47	250,36	-4,11	-1,62%	sub-category chapters
NFR 1 - Energy	188,07	183,19	-4,88	-2,59%	sub-category chapters
1.A.3.b iii	0,221	0,223	0,001	0,54%	here
1.A.3.b iv	0,0065	0,0065	0,0001	1,02%	here
1.A.3.c	0,215413	0,215415	0,000002	0,001%	here
1.A.3.d ii	0,338	0,338	0,001	0,20%	here
1.A.4.a i	1,34	1,18	-0,16	-12,2%	here
1.A.4.a ii	0,003922	0,004057	0,000135	3,45%	here
1.A.4.b i	10,61	10,91	0,30	2,84%	here
1.A.4.b ii	0,00119	0,00125	0,00005	4,60%	here
1.A.4.c i	1,756	1,760	0,005	0,27%	here
1.A.4.c ii	0,023	0,030	0,007	29,1%	here
1.A.5.a	0,0152	0,0154	0,0002	1,17%	here
1.B.1.b	0,743	0,817	0,074	9,97%	here
NFR 2 - IPPU	66,29	67,08	0,79	1,19%	sub-category chapters
2.A.3	8,15	7,85	-0,31	-3,76%	here
2.B.6	0,83	0,78	-0,06	-6,66%	here
2.B.10.a	10,04	11,19	1,15	11,5%	here
NFR 3 - Agriculture	0,00	0,00	0,00		
NFR 5 - Waste	0,112	0,089	-0,023	-20,4%	sub-category chapters
5.C.2	0,027	0,004	-0,023	-85,0%	here
NFR 6 - Other	0,00	0,00	0,00		