

pollutant-specific data:	NO _x	NM ₁₀ OC	SO _x	NH ₃	PM _{2.5}	PM ₁₀	TSP	BC	CO	Pb	Cd	Hg	As	Cr	Cu	Ni	Se	Zn	PCDD/F	B[a]P	B[b]F	B[k]F	l[x]P	PAH1-4	HCB	PCB
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Recalculations - Copper (Cu)

With the marginal changes in NFRs **1.A.2.g vii**, **1.A.4.a ii** and **1.A.4.c ii** canceling each other out, the fundamental changes within the **National Total** reported for **1990 (+185 t or +30 %)** result entirely from a revision in **NFR 1.A.3.b vi**, also resembling the strongest percental change with **+69 %**.

Table 1: Changes of emission estimates for 1990

	Submission 2025	Submission 2026	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	619.88	804.80	184.92	29.83%	sub-category chapters
NFR 1 - Energy	538.01	722.93	184.92	34.37%	sub-category chapters
1.A.2.g vii	0.0045599	0.0045603	0.0000003	0.01%	here
1.A.3.b vi	269.69	454.60	184.92	68.57%	here
1.A.4.a ii	0.0008884	0.0008881	-0.0000002	-0.03%	here
1.A.4.c ii	1.11506	1.11498	-0.00008	-0.01%	here
NFR 2 - IPPU	3.52	3.52	0.00	0.00%	
NFR 3 - Agriculture	NA				
NFR 5 - Waste	0.03	0.03	0.00	0.00%	
NFR 6 - Other	NA				

The fundamental changes within the **National Total** reported for **2023 (+198.5 t or 34 %)** result almost entirely from a revision in NFR sub-category **1.A.3.b vi (+198.8 t or +50.6 %)**.

In addition, emission estimates were revised for variety of sub-categories throughout NFRs 1, 2 and 5.

Table 2: Changes of emission estimates for 2023

	Submission 2025	Submission 2026	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	584,30	782,79	198,49	33,97%	sub-category chapters
NFR 1 - Energy	517,19	715,55	198,35	38,35%	sub-category chapters
1.A.1.a	5,526	5,532	0,006	0,11%	here
1.A.1.b	4,38	4,43	0,06	1,31%	here
1.A.1.c	0,05	0,06	0,01	13,58%	here
1.A.2.g vii	0,004	0,005	0,001	27,51%	here
1.A.2.g viii	0,26	0,23	-0,03	-11,27%	here
1.A.3.a i(i)	0,000000044	0,000000045	0,000000001	2,34%	here
1.A.3.a ii(i)	0,00000223	0,00000228	0,00000005	2,34%	here
1.A.3.b i	0,1489	0,1487	-0,0002	-0,16%	here
1.A.3.b ii	0,02357	0,02333	-0,00024	-1,02%	here
1.A.3.b iii	0,073	0,072	-0,001	-0,79%	here
1.A.3.b iv	0,00171	0,00170	-0,00001	-0,84%	here
1.A.3.b vi	393,06	591,83	198,77	50,57%	here
1.A.3.b vii	0,037	0,035	-0,002	-6,33%	here
1.A.3.d ii	0,56	0,54	-0,02	-3,10%	here
1.A.4.a i	2,03	1,88	-0,15	-7,41%	here
1.A.4.a ii	0,0006	0,0008	0,0002	38,53%	here
1.A.4.b i	2,24	2,23	-0,01	-0,36%	here
1.A.4.b ii	0,23	0,22	-0,01	-4,72%	here
1.A.4.c i	0,083	0,083	0,000	0,00%	here
1.A.4.c ii	1,11	0,84	-0,27	-24,58%	here

	Submission 2025	Submission 2026	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	584,30	782,79	198,49	33,97%	sub-category chapters
NFR 1 - Energy	517,19	715,55	198,35	38,35%	sub-category chapters
1.A.5.b	0,003032	0,003028	-0,000004	-0,14%	here
NFR 2 - IPPU	67,02497	67,16360	0,13863	0,21%	sub-category chapters
2.A.3	0,05693	0,05676	-0,00018	-0,31%	here
2.G	50,50853	50,64734	0,13881	0,27%	here
NFR 3 - Agriculture	0,0000000	0,0000000	0,000	#DIV/0!	sub-category chapters
NFR 5 - Waste	0,08	0,08	0,003	3,72%	sub-category chapters
5.E	0,08	0,08	0,003	3,72%	here
NFR 6 - Other	0,0000000	0,0000000	0,000	#DIV/0!	