

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	I[x]P	PAH1-4	HCB	PCB
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Recalculations - Chromium (Cr)

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 remarkable changes within the **National Total** reported for **1990 (+8.37 t or +5 %)** result entirely from a revision in **NFR 1.A.3.b vi with +8.37 t**, also resembling the strongest percental change with **+68 %**.

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	165.69	174.06	8.37	5.05%	sub-category chapters
NFR 1 - Energy	122.29	130.66	8.37	6.85%	sub-category chapters
1.A.2.g vii	0.0067865	0.0067870	0.0000005	0.01%	here
1.A.3.b vi	12.30	20.67	8.37	68.09%	here
1.A.4.a ii	0.0013248	0.0013244	-0.0000004	-0.03%	here
1.A.4.c ii	0.041945	0.041943	-0.000002	-0.005%	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 changes within the **National Total** reported for **2022 (-2.89 t or -4.14 %)** are dominated by a revision in NFR sub-category **1.A.3.c with -3.30 t** together with a variety of revisions throughout NFRs 1, 2 and 5.

However, the most significant percental change occurs in **NFR 1.A.1.b with plus 19.3 %**.

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	65,59	74,34	8,746	13,33%	sub-category chapters
NFR 1 - Energy	49,95	58,69	8,742	17,50%	sub-category chapters
1.A.1.a	3,11	3,11	0,004	0,13%	here
1.A.1.b	1,43	1,45	0,020	1,37%	here
1.A.1.c	0,041	0,047	0,006	13,60%	here
1.A.2.a	NE	NE	#WERT!	#WERT!	here
1.A.2.b	IE	IE	#WERT!	#WERT!	here
1.A.2.c	IE	IE	#WERT!	#WERT!	here
1.A.2.d	IE	IE	#WERT!	#WERT!	here
1.A.2.e	NE	NE	#WERT!	#WERT!	here
1.A.2.f	IE	IE	#WERT!	#WERT!	here
1.A.2.g vii	0,0053	0,0068	0,0015	28,08%	here
1.A.2.g viii	0,18	0,16	-0,02	-9,08%	here
1.A.3.a i(i)	0,000000062	0,000000063	0,000000001	2,34%	here
1.A.3.a ii(i)	0,00000312	0,00000320	0,00000007	2,34%	here
1.A.3.b i	0,2155	0,2152	-0,0003	-0,16%	here
1.A.3.b ii	0,0351	0,0347	-0,0004	-1,02%	here
1.A.3.b iii	0,109	0,108	-0,001	-0,79%	here
1.A.3.b iv	0,00240	0,00238	-0,00002	-0,84%	here
1.A.3.b v	NA	NA	#WERT!	#WERT!	here
1.A.3.b vi	17,92	26,92	9,00	50,19%	here

	Submission 2025	Submission 2026	Difference		Reasoning
NFR Sector	[t]		relative	see description and reasoning in:	
NATIONAL TOTAL	65,59	74,34	8,746	13,33%	sub-category chapters
NFR 1 - Energy	49,95	58,69	8,742	17,50%	sub-category chapters
1.A.3.b vii	1,10	1,03	-0,07	-6,33%	here
1.A.3.c	20,54	20,54	0,000	0,00%	here
1.A.3.d i(ii)	IE	IE	#WERT!	#WERT!	
1.A.3.d ii	0,025	0,024	-0,001	-4,34%	here
1.A.3.e i	NA	NA	#WERT!	#WERT!	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	2,41	2,23	-0,18	-7,40%	here
1.A.4.a ii	0,0009	0,0012	0,0003	38,53%	here
1.A.4.b i	2,71	2,70	-0,009	-0,35%	here
1.A.4.b ii	0,0063	0,0060	-0,0003	-4,73%	here
1.A.4.c i	0,067	0,067	0,000	0,00%	here
1.A.4.c ii	0,044	0,035	-0,009	-20,10%	here
1.A.4.c iii	0,0002624	0,0002624	0,000	0,00%	here
1.A.5.a	NE	NE	#WERT!	#WERT!	here
1.A.5.b	0,000534	0,000528	-0,000006	-1,12%	here
1.B.1.a	NA	NA	#WERT!	#WERT!	here
1.B.1.b	NA	NA	#WERT!	#WERT!	here
1.B.1.c	NA	NA	#WERT!	#WERT!	here
1.B.2.a i	NA	NA	#WERT!	#WERT!	
1.B.2.a iv	NA	NA	#WERT!	#WERT!	
1.B.2.a v	NA	NA	#WERT!	#WERT!	
1.B.2.b	NA	NA	#WERT!	#WERT!	
1.B.2.c	NA	NA	#WERT!	#WERT!	
1.B.2.d	NA	NA	#WERT!	#WERT!	
NFR 2 - IPPU	15,616	15,619	0,002922	0,02%	sub-category chapters
2.A.1	NE	NE	#WERT!	#WERT!	here
2.A.2	NA	NA	#WERT!	#WERT!	here
2.A.3	0,090	0,090	-0,000502	-0,56%	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	NA	NA	#WERT!	#WERT!	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	NA	NA	#WERT!	#WERT!	here
2.B.7	NA	NA	#WERT!	#WERT!	here
2.B.10.a	NA	NA	#WERT!	#WERT!	here
2.B.10.b	NA	NA	#WERT!	#WERT!	here
2.C.1	14,6517623	14,6517623	0,000000	0,00%	here
2.C.2	NE	NE	#WERT!	#WERT!	here
2.C.3	NE	NE	#WERT!	#WERT!	here
2.C.4	NA	NA	#WERT!	#WERT!	here
2.C.5	NA	NA	#WERT!	#WERT!	here
2.C.6	NA	NA	#WERT!	#WERT!	here
2.C.7.a	NA	NA	#WERT!	#WERT!	here
2.C.7.b	NO	NO	#WERT!	#WERT!	here
2.C.7.c	NA	NA	#WERT!	#WERT!	here
2.C.7.d	NA	NA	#WERT!	#WERT!	here
2.D.3.a	NA	NA	#WERT!	#WERT!	here
2.D.3.b	NA	NA	#WERT!	#WERT!	here

	Submission 2025	Submission 2026	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	65,59	74,34	8,746	13,33%	sub-category chapters
NFR 1 - Energy	49,95	58,69	8,742	17,50%	sub-category chapters
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	0,0012298	0,0012298	0,000000	0,00%	here
2.D.3.h	NA	NA	#WERT!	#WERT!	here
2.D.3.i	NA	NA	#WERT!	#WERT!	here
2.G	0,873	0,876	0,003424	0,39%	here
2.H.1	NA	NA	#WERT!	#WERT!	here
2.H.2	NA	NA	#WERT!	#WERT!	here
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	0,0000000	0,0000000	0,000	#DIV/0!	sub-category chapters
NFR 5 - Waste	0,033	0,034	0,001	3,72%	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	NE	NE	#WERT!	#WERT!	here
5.C.1.b vi	NA	NA	#WERT!	#WERT!	
5.C.2	NE	NE	#WERT!	#WERT!	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	0,033	0,034	0,001	3,72%	here
NFR 6 - Other	0,0000000	0,0000000	0,000	#DIV/0!	