

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 - Lead (Pb)

The remarkably strong changes in the **National Total** reported for **1990 (+22.1 kt or +1.16 %)** result almost entirely from a revision in NFR sub-category **1.A.3.b vi with +22.09 t**.

However, the by far strongest percental change occurs for NFR **5.C.1.b v with plus 161,190 %**

Table 1: Changes of emission estimates 1990

	Submission 2025	Submission 2026	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	1.899,27	1.921,37	22,10	1,16%	sub-category chapters
NFR 1 - Energy	1.499,08	1.521,17	22,09	1,47%	sub-category chapters
1.A.2.g vii	2,0891	2,0894	0,0003	0,02%	here
1.A.3.b vi	33,05	55,15	22,09	66,84%	here
1.A.4.a ii	0,00007793	0,00007791	-0,00000002	-0,03%	here
1.A.4.c ii	4,5502	4,5499	-0,0003	-0,01%	here
NFR 2 - IPPU	400,05	400,05	0,00	0,00%	
NFR 3 - Agriculture	NA				
NFR 5 - Waste	0,147	0,152	0,005	3,45%	sub-category chapters
5.C.1.b v	0,000003	0,005080	0,005076	161,190%	here
NFR 6 - Other	NA				

The small changes within the **National Total** reported for **2022 (+0.82 kt or +0.53 %)** are dominated by a handful of **stronger revisions in NFR 1** with the biggest change occurring for NFR sub-categories **1.A.1.b with +1.18 kt** and **1.A.4.a i with -0.76 kt** together with a variety of less significant revisions throughout NFRs 1, 2, 3 and 5.

The most significant percental change occurs in NFR **1.A.1.b with plus 21.36 %**.

Table 2: Changes of emission estimates 2023

	Submission 2025	Submission 2026	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	151,08	173,15	22,08	14,61%	sub-category chapters
NFR 1 - Energy	87,61	109,67	22,06	25,18%	sub-category chapters
1.A.1.a	5,59	5,59	0,01	0,14%	here
1.A.1.b	5,66	5,74	0,08	1,45%	here
1.A.1.c	0,069	0,078	0,01	13,57%	here
1.A.2.a	IE	IE	#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	0,00048	0,00053	0,00005	9,38%	here
1.A.2.g viii	0,43	0,39	-0,04	-9,11%	here
1.A.3.a i(i)	0,00405	0,00415	0,00009	2,34%	here
1.A.3.a ii(i)	0,205	0,209	0,005	2,34%	here
1.A.3.b i	0,0324	0,0323	-0,0001	-0,16%	here
1.A.3.b ii	0,00230	0,00227	-0,00002	-1,02%	here
1.A.3.b iii	0,0064	0,0063	-0,0001	-0,79%	here
1.A.3.b iv	0,00061	0,00060	-0,00001	-0,84%	here

	Submission 2025	Submission 2026	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	151,08	173,15	22,08	14,61%	sub-category chapters
NFR 1 - Energy	87,61	109,67	22,06	25,18%	sub-category chapters
1.A.3.b v	NA	NA	#WERT!	#WERT!	here
1.A.3.b vi	48,16	71,87	23,70	49,22%	here
1.A.3.b vii	0,062	0,059	-0,004	-6,33%	here
1.A.3.c	0,087013	0,087009	-0,000005	-0,01%	here
1.A.3.d i(ii)	IE	IE	#WERT!	#WERT!	
1.A.3.d ii	0,037	0,036	-0,001	-1,76%	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	22,98	21,29	-1,69	-7,37%	here
1.A.4.a ii	0,00005	0,00007	0,00002	38,53%	here
1.A.4.b i	4,22	4,21	-0,01	-0,31%	here
1.A.4.b ii	0,00014	0,00013	-0,00001	-4,81%	here
1.A.4.c i	0,059	0,059	0,00	0,00%	here
1.A.4.c ii	0,00112	0,00096	-0,00016	-14,09%	here
1.A.4.c iii	0,0007	0,0007	0,00	0,00%	here
1.A.5.a	NE	NE	#WERT!	#WERT!	here
1.A.5.b	0,000492	0,000491	-0,000001	-0,28%	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	63,35	63,34	0,00	0,00%	sub-category chapters
2.A.1	0,19	0,19	0,00	0,00%	here
2.A.2	NE	NE	#WERT!	#WERT!	here
2.A.3	0,59	0,59	0,00	-0,46%	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	NE	NE	#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	54,24	54,24	0,00	0,00%	here
2.C.2	NE	NE	#WERT!	#WERT!	here
2.C.3	0,002	0,002	0,00	0,00%	here
2.C.4	NA	NA	#WERT!	#WERT!	here
2.C.5	1,50	1,50	0,00	0,00%	here
2.C.6	0,00	0,00	0,00	0,00%	here
2.C.7.a	6,83	6,83	0,00	0,00%	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

	Submission 2025	Submission 2026	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	151,08	173,15	22,08	14,61%	sub-category chapters
NFR 1 - Energy	87,61	109,67	22,06	25,18%	sub-category chapters
2.D.3.a	NA	NA	#WERT!	#WERT!	here
2.D.3.b	NA	NA	#WERT!	#WERT!	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	0,00146	0,00147	0,00	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	0,000	0,000	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	NA	NA	#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	0,11376	0,13759	0,02383	20,95%	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!	

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NATIONAL TOTAL	151,08	173,15	22,08	14,61%	sub-category chapters
NFR 1 - Energy	87,61	109,67	22,06	25,18%	sub-category chapters
5.C.1.b iv	NO	NO	#WERT!	#WERT!	
5.C.1.b v	0,00001	0,02344	0,02343	161190%	here
5.C.1.b vi	NA	NA	#WERT!	#WERT!	
5.C.2	0,10	0,10	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	0,01070	0,01110	0,00040	3,72%	here
NFR 6 - Other	NA	NA	#WERT!	#WERT!	