

pollutant-specific data:	NOx	NMVOc	SOx	NH3	PM2.5	PM10	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

Recalculations - Nickel (Ni)

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 small changes within the **National Total** reported for **1990 (+1.21 t or +0.36 %)** result entirely from a revision in **NFR 1.A.3.b vi**, also resembling the strongest percental change with **+63 %**.

Table 1: Changes of emission estimates for 1990

NFR Sector	Submission 2025	Submission 2026	Difference		Reasoning
	[t]			relative	
NATIONAL TOTAL	332.75	333.95	1.21	0.36%	see description and reasoning in: sub-category chapters
NFR 1 - Energy	305.13	306.34	1.21	0.40%	sub-category chapters
1.A.2.g vii	0.00022985	0.00022988	0.00000002	0.01%	here
1.A.3.b vi	1.91	3.12	1.21	63.03%	here
1.A.4.a ii	0.00003117	0.00003116	-0.00000001	-0.03%	here
1.A.4.c ii	0.045797	0.045794	-0.000003	-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 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

NFR Sector	Submission 2025	Submission 2026	Difference		Reasoning
	[t]			relative	
NATIONAL TOTAL	123,07	127,74	4,67	3,79%	see description and reasoning in: sub-category chapters
NFR 1 - Energy	116,43	121,10	4,66	4,00%	sub-category chapters
1.A.1.a	2,757	2,761	0,004	0,15%	here
1.A.1.b	66,5	70,0	3,52	5,29%	here
1.A.1.c	0,0267	0,0304	0,0036	13,55%	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	0,00042	0,00038	-0,00004	-9,18%	here
1.A.2.g viii	1,76	1,69	-0,07	-3,93%	here
1.A.3.a i(i)	0,0000000226	0,0000000231	0,0000000005	2,34%	here
1.A.3.a ii(i)	0,00000114	0,00000117	0,00000003	2,34%	here
1.A.3.b i	0,03965	0,03958	-0,00007	-0,16%	here
1.A.3.b ii	0,00125	0,00124	-0,00001	-1,02%	here
1.A.3.b iii	0,00258	0,00256	-0,00002	-0,79%	here
1.A.3.b iv	0,000876	0,000869	-0,000007	-0,84%	here
1.A.3.b v	NA	NA	#WERT!	#WERT!	here
1.A.3.b vi	2,79	4,08	1,29	46,22%	here

	Submission 2025	Submission 2026	Difference		Reasoning
NFR Sector	[t]		relative	see description and reasoning in:	
NATIONAL TOTAL	123,07	127,74	4,67	3,79%	sub-category chapters
NFR 1 - Energy	116,43	121,10	4,66	4,00%	sub-category chapters
1.A.3.b vii	0,58	0,54	-0,04	-6,33%	here
1.A.3.c	41,06	41,06	0,000	0,00%	here
1.A.3.d i(ii)	IE	IE	#WERT!	#WERT!	
1.A.3.d ii	0,39	0,36	-0,03	-7,07%	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	0,060	0,057	-0,004	-6,22%	here
1.A.4.a ii	0,000020	0,000028	0,000008	38,53%	here
1.A.4.b i	0,4356	0,4343	-0,0013	-0,29%	here
1.A.4.b ii	0,0097	0,0093	-0,0005	-4,72%	here
1.A.4.c i	0,00515	0,00515	0,000	0,00%	here
1.A.4.c ii	0,046	0,034	-0,011	-24,59%	here
1.A.4.c iii	0,0052482	0,0052482	0,000	0,00%	here
1.A.5.a	NE	NE	#WERT!	#WERT!	here
1.A.5.b	0,003259	0,003257	-0,000002	-0,06%	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	6,639079	6,644912	0,005833	0,09%	sub-category chapters
2.A.1	NE	NE	#WERT!	#WERT!	here
2.A.2	NA	NA	#WERT!	#WERT!	here
2.A.3	0,037146	0,037252	0,000106	0,29%	here
2.G	1,717740	1,723467	0,005727	0,33%	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	0,0000000	0,0000000	0,000	#DIV/0!	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!	

	Submission 2025	Submission 2026	Difference		Reasoning
NFR Sector		[t]		relative	see description and reasoning in:
NATIONAL TOTAL	123,07	127,74	4,67	3,79%	sub-category chapters
NFR 1 - Energy	116,43	121,10	4,66	4,00%	sub-category chapters
5.E	NE	NE	#WERT!	#WERT!	here
NFR 6 - Other	0,0000000	0,0000000	0,000	#DIV/0!	