

pollutant-specific data:	NOx	NM VOC	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 - Cadmium (Cd)

With no reportable changes within the **National Total** reported for **1990**, the only notable percental changes occur for NFRs **1.A.2.g vii with -1.86 %** and **1.A.4.a ii with -2.16 %** with mutually canceling absolute changes.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2025	Submission 2026	Difference		Reasoning
	[t]			relative	
NATIONAL TOTAL	29,10	29,19	0,09	0,29%	see description and reasoning in: sub-category chapters
NFR 1 - Energy	12,76	12,84	0,08	0,67%	sub-category chapters
1.A.1.a	4,92	4,92	0,00	0,00%	here
1.A.1.b	1,06	1,06	0,00	0,00%	here
1.A.1.c	4,06	4,06	0,00	0,00%	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	0,000045234	0,000045238	0,000000004	0,01%	here
1.A.2.g viii	1,89	1,89	0,00	0,00%	here
1.A.3.a i(i)	0,0000000	0,0000000	0,00	0,00%	here
1.A.3.a ii(i)	0,0000012	0,0000012	0,00	0,00%	here
1.A.3.b i	0,00618	0,00618	0,00	0,00%	here
1.A.3.b ii	0,00020	0,00020	0,00	0,00%	here
1.A.3.b iii	0,00052	0,00052	0,00	0,00%	here
1.A.3.b iv	0,00010	0,00010	0,00	0,00%	here
1.A.3.b v	NA	NA	#WERT!	#WERT!	here
1.A.3.b vi	0,15	0,23	0,08	57,26%	here
1.A.3.b vii	0,0022136	0,0022131	-0,0000005	-0,02%	here
1.A.3.c	0,01296	0,01296	0,00	0,00%	here
1.A.3.d i(ii)	IE	IE	#WERT!	#WERT!	
1.A.3.d ii	0,01020	0,01020	0,00	0,00%	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	0,10277	0,10277	0,00	0,00%	here
1.A.4.a ii	0,000007793	0,000007791	-0,000000002	-0,03%	here
1.A.4.b i	0,49639	0,49639	0,00	0,00%	here
1.A.4.b ii	0,00338	0,00338	0,00	0,00%	here
1.A.4.c i	0,03856	0,03856	0,00	0,00%	here
1.A.4.c ii	0,0065754	0,0065750	-0,0000005	-0,01%	here
1.A.4.c iii	0,00009	0,00009	0,00	0,00%	here
1.A.5.a	NE	NE	#WERT!	#WERT!	here
1.A.5.b	0,00028	0,00028	0,00	0,00%	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!	

	Submission 2025	Submission 2026	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	29,10	29,19	0,09	0,29%	sub-category chapters
NFR 1 - Energy	12,76	12,84	0,08	0,67%	sub-category chapters
1.B.2.c	NA	NA	#WERT!	#WERT!	
1.B.2.d	NA	NA	#WERT!	#WERT!	
NFR 2 - IPPU	16,2666844	16,2666844	0,0000000	0,00%	sub-category chapters
2.A.1	0,38	0,38	0,00	0,00%	here
2.A.2	NE	NE	#WERT!	#WERT!	here
2.A.3	0,03	0,03	0,00	0,00%	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	7,52	7,52	0,00	0,00%	here
2.C.2	NE	NE	#WERT!	#WERT!	here
2.C.3	0,11	0,11	0,00	0,00%	here
2.C.4	NA	NA	#WERT!	#WERT!	here
2.C.5	0,03	0,03	0,00	0,00%	here
2.C.6	0,67	0,67	0,00	0,00%	here
2.C.7.a	6,44	6,44	0,00	0,00%	here
2.C.7.b	NE	NE	#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
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	0,00	0,00	0,00	0,00%	here
2.D.3.h	NA	NA	#WERT!	#WERT!	here
2.D.3.i	NA	NA	#WERT!	#WERT!	here
2.G	1,08	1,08	0,00	0,00%	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	0,00	0,00	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	NO	NO	#WERT!	#WERT!	here
3.B.4.d	NA	NA	#WERT!	#WERT!	here

	Submission 2025	Submission 2026	Difference		Reasoning
NFR Sector	[t]		relative		see description and reasoning in:
NATIONAL TOTAL	29,10	29,19	0,09	0,29%	sub-category chapters
NFR 1 - Energy	12,76	12,84	0,08	0,67%	sub-category chapters
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	0,074027	0,074874	0,000846	1,14%	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	0,000001	0,000847	0,000846	160827%	here
5.C.1.b vi	NA	NA	#WERT!	#WERT!	
5.C.2	0,06	0,06	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	0,02	0,02	0,00	0,00%	here
NFR 6 - Other	0,00	0,00	0,00	#DIV/0!	
	Submission 2024	Submission 2025	Difference		Reasoning
NFR Sector	[t]		relative		see description and reasoning in:
NATIONAL TOTAL	29.10	29.10	0.00	0.00%	sub-category chapters
NFR 1 - Energy	12.76	12.76	0.00	0.00%	sub-category chapters
1.A.2.g vii	0.0000461	0.0000452	-0.00000086	-1.86%	here
1.A.4.a ii	0.0000080	0.0000078	-0.00000017	-2.16%	here
1.A.4.c ii	0.0065744	0.0065754	0.00000103	0.02%	here
NFR 2 - IPPU	16.27	16.27	0.00	0.00%	
NFR 3 - Agriculture	NA				
NFR 5 - Waste	0.07	0.07	0.00	0.00%	
NFR 6 - Other	NA				

The changes within the **National Total** reported for **2022 (+0.29 t or +2.82 %)** result from a **variety of revisions throughout** NFRs 1, 2 and 5.

Here, the most significant absolute and percental change occurs in NFR 1.A.1.b with plus 0.25 t (plus 21.12%)**.

Table 2: Changes of emission estimates 2022

	Submission 2024	Submission 2025	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	10.32	10.62	0.29	2.82%	sub-category chapters
NFR 1 - Energy	3.18	3.47	0.29	9.11%	sub-category chapters
1.A.1.a	0.804	0.801	-0.003	-0.34%	here
1.A.1.b	1.20	1.45	0.25	21.12%	here
1.A.1.c	0.0074	0.0080	0.0007	8.97%	here
1.A.2.g vii	0.000056	0.000055	-0.000001	-1.17%	here
1.A.2.g viii	0.093	0.102	0.008	8.87%	here
1.A.3.b i	0.003809	0.003812	0.000003	0.08%	here
1.A.3.b ii	0.000250	0.000245	-0.000004	-1.73%	here
1.A.3.b iii	0.000687	0.000693	0.000006	0.90%	here
1.A.3.b iv	0.000088	0.000086	-0.000002	-2.57%	here
1.A.3.c	0.003738	0.003742	0.000004	0.11%	here
1.A.3.d ii	0.0042	0.0041	-0.0001	-2.99%	here
1.A.4.a i	0.221	0.213	-0.008	-3.70%	here
1.A.4.a ii	0.000007	0.000006	-0.000001	-16.10%	here
1.A.4.b i	0.62	0.66	0.04	6.38%	here
1.A.4.b ii	0.00154	0.00138	-0.00016	-10.24%	here
1.A.4.c i	0.0086	0.0085	-0.0001	-1.35%	here
1.A.4.c ii	0.008	0.007	-0.001	-10.55%	here
1.A.5.b	0.0000405	0.0000409	0.0000005	1.13%	here
NFR 2 - IPPU	7.0801	7.0793	-0.0008	-0.01%	sub-category chapters
2.A.3	0.0174	0.0176	0.0002	1.30%	here
2.G	0.7682	0.7672	-0.0010	-0.13%	here
NFR 3 - Agriculture	NA				
NFR 5 - Waste	0.061	0.064	0.003	4.25%	sub-category chapters
5.E	0.019	0.021	0.003	13.82%	here
NFR 6 - Other	NA				