

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)

The rather small changes within the **National Total** reported for **1990 (+0.09 t or + 0.29 %)** result almost entirely from a revision in **NFR sub-category 1.A.3.b vi with +0.08 t**.

However, the by far strongest percental change occurs for **NFR 5.C.1.b v with plus 160,827 %**.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2025	Submission 2026	Difference		Reasoning
	[t]			relative	
<b>NATIONAL TOTAL</b>	<b>29,10</b>	<b>29,19</b>	<b>0,09</b>	<b>0,29%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>12,76</b>	<b>12,84</b>	<b>0,08</b>	<b>0,67%</b>	sub-category chapters
1.A.2.g vii	0,000045234	0,000045238	0,000000004	0,01%	<a href="#">here</a>
1.A.3.b vi	0,15	0,23	0,08	57,26%	<a href="#">here</a>
1.A.3.b vii	0,0022136	0,0022131	-0,0000005	-0,02%	<a href="#">here</a>
1.A.4.a ii	0,000007793	0,000007791	-0,00000002	-0,03%	<a href="#">here</a>
1.A.4.c ii	0,0065754	0,0065750	-0,0000005	-0,01%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>16,27</b>	<b>16,27</b>	<b>0,00</b>	<b>0,00%</b>	
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0,074027</b>	<b>0,074874</b>	<b>0,000846</b>	<b>1,14%</b>	sub-category chapters
5.C.1.b v	0,000001	0,000847	0,000846	160,827%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>NA</b>				

The small changes within the **National Total** reported for **2023 (+0.07 t or +0.75 %)** result from a **variety of revisions throughout NFRs 1, 2 and 5** dominated by revised emission estimates for NFR sub-category **1.A.3.b vi with +0.09 t**.

However, the by far strongest percental change occurs for **NFR 5.C.1.b v with plus 160,827 %**.

Table 2: Changes of emission estimates 2023

NFR Sector	Submission 2025	Submission 2026	Difference		Reasoning
	[t]			relative	
<b>NATIONAL TOTAL</b>	<b>9,36</b>	<b>9,43</b>	<b>0,07</b>	<b>0,75%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>2,95</b>	<b>3,02</b>	<b>0,06</b>	<b>2,18%</b>	sub-category chapters
1.A.1.a	0,5937	0,5943	0,0006	0,11%	<a href="#">here</a>
1.A.1.b	1,2391	1,2387	-0,0004	-0,03%	<a href="#">here</a>
1.A.1.c	0,008	0,009	0,001	13,57%	<a href="#">here</a>
1.A.2.g vii	0,000054	0,000057	0,000003	5,86%	<a href="#">here</a>
1.A.2.g viii	0,093	0,088	-0,005	-5,22%	<a href="#">here</a>
1.A.3.a i(i)	0,00000000196	0,0000000201	0,0000000005	2,34%	<a href="#">here</a>
1.A.3.a ii(i)	0,000000099	0,000000101	0,000000002	2,34%	<a href="#">here</a>
1.A.3.b i	0,003907	0,003901	-0,000006	-0,16%	<a href="#">here</a>
1.A.3.b ii	0,000243	0,000241	-0,000002	-1,02%	<a href="#">here</a>
1.A.3.b iii	0,000656	0,000651	-0,000005	-0,79%	<a href="#">here</a>
1.A.3.b iv	0,0000763	0,0000757	-0,0000006	-0,84%	<a href="#">here</a>
1.A.3.b vi	0,22	0,31	0,09	41,70%	<a href="#">here</a>
1.A.3.b vii	0,0032	0,0030	-0,0002	-6,34%	<a href="#">here</a>
1.A.3.c	0,003639	0,003638	-0,000001	-0,02%	<a href="#">here</a>
1.A.3.d ii	0,0043	0,0041	-0,0001	-2,65%	<a href="#">here</a>
1.A.4.a i	0,249	0,231	-0,02	-7,33%	<a href="#">here</a>

	Submission 2025	Submission 2026	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>9,36</b>	<b>9,43</b>	<b>0,07</b>	<b>0,75%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>2,95</b>	<b>3,02</b>	<b>0,06</b>	<b>2,18%</b>	<b>sub-category chapters</b>
1.A.4.a ii	0,000005	0,000007	0,000002	38,53%	<a href="#">here</a>
1.A.4.b i	0,521	0,519	-0,002	-0,35%	<a href="#">here</a>
1.A.4.b ii	0,00138	0,00132	-0,00007	-4,72%	<a href="#">here</a>
1.A.4.c ii	0,007	0,005	-0,002	-24,52%	<a href="#">here</a>
1.A.5.b	0,0000418	0,0000416	-0,0000002	-0,41%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>6,3417002</b>	<b>6,3425150</b>	<b>0,000815</b>	<b>0,01%</b>	<b>sub-category chapters</b>
2.A.3	0,015641	0,015562	-0,000079	-0,51%	<a href="#">here</a>
2.G	0,74417675	0,74507085	0,0008941	0,12%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0,06346</b>	<b>0,06817</b>	<b>0,00471</b>	<b>7,42%</b>	<b>sub-category chapters</b>
5.C.1.b v	0,000002	0,003907	0,003905	160,827%	<a href="#">here</a>
5.E	0,021601	0,022405	0,000804	3,72%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>NA</b>				