

pollutant-specific data:	NOx	NM VOC	SOx	NH <sub>3</sub>	PM <sub>2.5</sub>	PM <sub>10</sub>	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]		absolute	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	-0,000000002	-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 changes within the **National Total** reported for **2023 (+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 2023

NFR Sector	Submission 2024	Submission 2025	Difference		Reasoning
	[t]		absolute	relative	
<b>NATIONAL TOTAL</b>	<b>10.32</b>	<b>10.62</b>	<b>0.29</b>	<b>2.82%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>3.18</b>	<b>3.47</b>	<b>0.29</b>	<b>9.11%</b>	sub-category chapters
1.A.1.a	0.804	0.801	-0.003	-0.34%	<a href="#">here</a>
1.A.1.b	1.20	1.45	0.25	21.12%	<a href="#">here</a>
1.A.1.c	0.0074	0.0080	0.0007	8.97%	<a href="#">here</a>
1.A.2.g vii	0.000056	0.000055	-0.000001	-1.17%	<a href="#">here</a>
1.A.2.g viii	0.093	0.102	0.008	8.87%	<a href="#">here</a>
1.A.3.b i	0.003809	0.003812	0.000003	0.08%	<a href="#">here</a>
1.A.3.b ii	0.000250	0.000245	-0.000004	-1.73%	<a href="#">here</a>
1.A.3.b iii	0.000687	0.000693	0.000006	0.90%	<a href="#">here</a>
1.A.3.b iv	0.000088	0.000086	-0.000002	-2.57%	<a href="#">here</a>
1.A.3.c	0.003738	0.003742	0.000004	0.11%	<a href="#">here</a>
1.A.3.d ii	0.0042	0.0041	-0.0001	-2.99%	<a href="#">here</a>
1.A.4.a i	0.221	0.213	-0.008	-3.70%	<a href="#">here</a>
1.A.4.a ii	0.000007	0.000006	-0.000001	-16.10%	<a href="#">here</a>
1.A.4.b i	0.62	0.66	0.04	6.38%	<a href="#">here</a>
1.A.4.b ii	0.00154	0.00138	-0.00016	-10.24%	<a href="#">here</a>
1.A.4.c i	0.0086	0.0085	-0.0001	-1.35%	<a href="#">here</a>
1.A.4.c ii	0.008	0.007	-0.001	-10.55%	<a href="#">here</a>
1.A.5.b	0.0000405	0.0000409	0.0000005	1.13%	<a href="#">here</a>

	Submission 2024	Submission 2025	Difference		Reasoning
<b>NFR Sector</b>	<b>[t]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>10.32</b>	<b>10.62</b>	<b>0.29</b>	<b>2.82%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>3.18</b>	<b>3.47</b>	<b>0.29</b>	<b>9.11%</b>	<b>sub-category chapters</b>
<b>NFR 2 - IPPU</b>	<b>7.0801</b>	<b>7.0793</b>	<b>-0.0008</b>	<b>-0.01%</b>	<b>sub-category chapters</b>
2.A.3	0.0174	0.0176	0.0002	1.30%	<a href="#">here</a>
2.G	0.7682	0.7672	-0.0010	-0.13%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0.061</b>	<b>0.064</b>	<b>0.003</b>	<b>4.25%</b>	<b>sub-category chapters</b>
5.E	0.019	0.021	0.003	13.82%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>NA</b>				