

## Recalculations - Cadmium (Cd)

The atomically small changes within the **National Total** reported for **1990 (-0.001 t or -0.004 %)** result from a variety of **revisions throughout NFRs 1 and 5**.

The most significant percental change occurs for NFR **1.A.3.a i(i)** with minus **62 %**.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2023	Submission 2024	Difference		Reasoning
	[t]		absolute	relative	
<b>NATIONAL TOTAL</b>	<b>29,101</b>	<b>29,100</b>	<b>-0,001</b>	<b>-0,004%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>12,75910</b>	<b>12,75914</b>	<b>0,00003</b>	<b>0,0003%</b>	sub-category chapters
1.A.2.g vii	0,000063	0,000046	-0,000016	-26,3%	<a href="#">here</a>
1.A.3.a i(i)	0,00000008	0,00000003	-0,00000005	-62,4%	<a href="#">here</a>
1.A.3.a ii(i)	0,0000011	0,0000012	0,0000001	7,61%	<a href="#">here</a>
1.A.3.c	0,01293	0,01296	0,00003	0,27%	<a href="#">here</a>
1.A.4.a ii	0,000009	0,000008	-0,000001	-12,7%	<a href="#">here</a>
1.A.4.c ii	0,006557	0,006574	0,000018	0,27%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>16,267</b>	<b>16,267</b>	<b>0,00</b>	<b>0,00%</b>	
<b>NFR 3 - Agriculture</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>		
<b>NFR 5 - Waste</b>	<b>0,075</b>	<b>0,074</b>	<b>-0,001</b>	<b>-1,53%</b>	sub-category chapters
5.E	0,019	0,018	-0,001	-6,02%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>		

The small changes within the **National Total** reported for **2020 (-0.12 t or -1.10 %)** result from several changes throughout **NFRs 1 and 2** that more or less cancel out each other.

The significant percental change occurring in NFR 1.A.3.b iii (+130 %) results from a correction of erroneous data reported with the previous submission.

Table 2: Changes of emission estimates 2020

NFR Sector	Submission 2023	Submission 2024	Difference		Reasoning
	[t]		absolute	relative	
<b>NATIONAL TOTAL</b>	<b>10,87</b>	<b>11,01</b>	<b>0,14</b>	<b>1,28%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>2,94</b>	<b>3,08</b>	<b>0,14</b>	<b>4,62%</b>	sub-category chapters
1.A.1.a	0,73	0,74	0,01	1,34%	<a href="#">here</a>
1.A.1.b	1,03	1,15	0,12	11,7%	<a href="#">here</a>
1.A.1.c	0,00747	0,00803	0,00056	7,51%	<a href="#">here</a>
1.A.2.g vii	0,00008	0,00006	-0,00001	-19,5%	<a href="#">here</a>
1.A.2.g viii	0,108	0,106	-0,002	-1,86%	<a href="#">here</a>
1.A.3.a i(i)	0,000000012	0,000000011	-0,000000001	-5,24%	<a href="#">here</a>
1.A.3.a ii(i)	0,0000001468	0,0000001469	0,0000000001	0,07%	<a href="#">here</a>
1.A.3.b i	0,003636	0,003635	-0,000001	-0,03%	<a href="#">here</a>
1.A.3.b ii	0,000244	0,000240	-0,000004	-1,55%	<a href="#">here</a>
1.A.3.b iii	0,0003	0,0007	0,0004	130%	<a href="#">here</a>
1.A.3.b iv	0,000080	0,000081	0,000001	1,02%	<a href="#">here</a>
1.A.3.b vi	0,19726	0,19753	0,00026	0,13%	<a href="#">here</a>
1.A.3.b vii	0,002969	0,002970	0,000001	0,03%	<a href="#">here</a>
1.A.3.d ii	0,004607	0,004961	0,000354	7,69%	<a href="#">here</a>
1.A.4.a i	0,221	0,226	0,005	2,14%	<a href="#">here</a>
1.A.4.a ii	0,0000071	0,0000075	0,0000004	6,02%	<a href="#">here</a>
1.A.4.b i	0,611872	0,611879	0,000007	0,001%	<a href="#">here</a>
1.A.4.b ii	0,0015	0,0016	0,0001	4,60%	<a href="#">here</a>
1.A.4.c i	0,00963	0,00966	0,00003	0,27%	<a href="#">here</a>
1.A.4.c ii	0,006	0,008	0,002	31,5%	<a href="#">here</a>

	Submission 2023	Submission 2024	Difference		Reasoning
<b>NFR Sector</b>	<b>[t]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>10,87</b>	<b>11,01</b>	<b>0,14</b>	<b>1,28%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>2,94</b>	<b>3,08</b>	<b>0,14</b>	<b>4,62%</b>	<b>sub-category chapters</b>
<b>NFR 2 - IPPU</b>	<b>7,88813</b>	<b>7,89190</b>	<b>0,00377</b>	<b>0,05%</b>	<b>sub-category chapters</b>
2.A.3	0,017120	0,017131	0,000012	0,07%	<a href="#">here</a>
2.G	0,84175	0,84551	0,00376	0,45%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0,037</b>	<b>0,036</b>	<b>-0,001</b>	<b>-3,10%</b>	<b>sub-category chapters</b>
5.E	0,020	0,018	-0,001	-5,86%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>NA</b>				