

## Recalculations - Cadmium (Cd)

The atomically small changes within the **National Total** reported for **1990 (-0.00002 t | -0.00008 %)** result from a variety of revisions throughout NFRs 1. Here, the **re-allocation of emissions within NFR 1.A.3.b** has no effect on the National Totals.

The most significant percental change occurs for NFR **1.A.3.b. ii** with plus 24 %.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2022	Submission 2023	Difference		Reasoning see description and reasoning in:
	[t]		relative		
<b>NATIONAL TOTAL</b>	<b>29,1009729</b>	<b>29,1009499</b>	<b>-0,000023</b>	<b>-0,00008%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>12,7591032</b>	<b>12,7591036</b>	<b>0,0000004</b>	<b>0,000003%</b>	<b>sub-category chapters</b>
1.A.2.g vii	0,0000625	0,0000626	0,0000001	0,16%	<a href="#">here</a>
1.A.3.b i	0,006192	0,006177	-0,000015	-0,25%	<a href="#">here</a>
1.A.3.b ii	0,000161	0,000200	0,000039	24,32%	<a href="#">here</a>
1.A.3.b iii	0,000551	0,000524	-0,000027	-4,87%	<a href="#">here</a>
1.A.3.b iv	0,000100	0,000103	0,000003	2,99%	<a href="#">here</a>
1.A.4.a ii	0,00000913	0,00000912	-0,00000001	-0,09%	<a href="#">here</a>
1.A.4.b ii	0,003374	0,003375	0,000001	0,02%	<a href="#">here</a>
1.A.4.c ii	0,0065572	0,0065568	-0,0000004	-0,01%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>16,267</b>	<b>16,267</b>	<b>0,000</b>	<b>0,00%</b>	
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0,075</b>	<b>0,075</b>	<b>0,00</b>	<b>0,00%</b>	
<b>NFR 6 - Other</b>	<b>NA</b>				

The changes within the **National Total** reported for **2019 (-0.15 t | -1.36 %)** are dominated by changes in **NFR 2.A.3 with -0.16 t** together with less significant revisions throughout NFRs 1, 2 and 5.

The most significant percental changes occur for **NFRs 1.A.3.a i(i) and 1.A.3.a ii(i) with minus 84 %**.

Table 1: Changes of emission estimates 2019

NFR Sector	Submission 2021	Submission 2022	Difference		Reasoning see description and reasoning in:
	[t]		relative		
<b>NATIONAL TOTAL</b>	<b>10,85</b>	<b>10,70</b>	<b>-0,15</b>	<b>-1,36%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>2,91</b>	<b>2,89</b>	<b>-0,01</b>	<b>-0,51%</b>	<b>sub-category chapters</b>
1.A.1.a	0,76	0,76	0,01	0,96%	<a href="#">here</a>
1.A.1.b	1,05	1,02	-0,03	-3,15%	<a href="#">here</a>
1.A.1.c	0,0088	0,0086	-0,0003	-2,85%	<a href="#">here</a>
1.A.2.g vii	0,0000682	0,0000680	-0,0000002	-0,24%	<a href="#">here</a>
1.A.2.g viii	0,10	0,11	0,01	11,76%	<a href="#">here</a>
1.A.3.a i(i)	0,00000005	0,00000001	-0,00000004	-83,52%	<a href="#">here</a>
1.A.3.a ii(i)	0,0000011	0,0000002	-0,0000009	-83,69%	<a href="#">here</a>
1.A.3.b i	0,004042	0,004044	0,000002	0,05%	<a href="#">here</a>
1.A.3.b ii	0,000223	0,000220	-0,000002	-1,10%	<a href="#">here</a>
1.A.3.b iii	0,000782	0,000781	-0,000001	-0,15%	<a href="#">here</a>
1.A.3.b iv	0,000086	0,000085	-0,000001	-1,10%	<a href="#">here</a>
1.A.3.c	0,0036	0,0040	0,0004	10,34%	<a href="#">here</a>
1.A.3.d ii	0,0052	0,0050	-0,0002	-3,24%	<a href="#">here</a>
1.A.4.a ii	0,00000710	0,00000712	0,00000001	0,18%	<a href="#">here</a>
1.A.4.b i	0,5551	0,5552	0,0001	0,02%	<a href="#">here</a>
1.A.4.b ii	0,00201	0,00204	0,00004	1,87%	<a href="#">here</a>
1.A.4.c ii	0,0039	0,0038	-0,0001	-1,80%	<a href="#">here</a>
1.A.4.c iii	0,000119	0,000075	-0,000044	-37,07%	<a href="#">here</a>

	Submission 2021	Submission 2022	Difference		Reasoning
<b>NFR Sector</b>	<b>[t]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>10,85</b>	<b>10,70</b>	<b>-0,15</b>	<b>-1,36%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>2,91</b>	<b>2,89</b>	<b>-0,01</b>	<b>-0,51%</b>	<b>sub-category chapters</b>
1.A.5.b	0,00014	0,00005	-0,00009	-64,99%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>7,880</b>	<b>7,746</b>	<b>-0,13</b>	<b>-1,70%</b>	<b>sub-category chapters</b>
2.A.3	0,18	0,02	-0,16	-90,03%	<a href="#">here</a>
2.D.3.g	NA	0,00001	0,00001		<a href="#">here</a>
2.G	0,83	0,85	0,02	2,96%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0,0606</b>	<b>0,0611</b>	<b>0,0006</b>	<b>0,98%</b>	<b>sub-category chapters</b>
5.C.2	0,0409	0,0415	0,0006	1,44%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>NA</b>				