

## Recalculations - Nickel (Ni)

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 -1.47 %**, **1.A.4.a ii with -2.16 %** and **1.A.4.c ii with plus 0.01 %** with mutually canceling absolute changes.

Table 1: Changes in emission estimates for 1990

	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>332.75</b>	<b>332.75</b>	<b>0.00</b>	<b>0.00%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>305.13</b>	<b>305.13</b>	<b>0.00</b>	<b>0.00%</b>	<b>sub-category chapters</b>
1.A.2.g vii	0.000233	0.000230	-0.000003	-1.47%	<a href="#">here</a>
1.A.4.a ii	0.0000319	0.0000312	-0.0000007	-2.16%	<a href="#">here</a>
1.A.4.c ii	0.045793	0.045797	0.000004	0.01%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>27.61</b>	<b>27.61</b>	<b>0.00</b>	<b>0.00%</b>	
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>NA</b>				
<b>NFR 6 - Other</b>	<b>NA</b>				

The significant changes within the **National Total** reported for **2022 (-7.12 t or -4.97 %)** are dominated by a revision in NFR sub-category **1.A.3.c with -5.69 t** together with a variety of revisions throughout NFRs 1, 2 and 5.

However, the most significant percental change occurs in **NFR 1.A.1.b with plus 21.8 %**.

Table 2: Changes in emission estimates for 2022

	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>143.26</b>	<b>136.14</b>	<b>-7.12</b>	<b>-4.97%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>136.08</b>	<b>128.97</b>	<b>-7.11</b>	<b>-5.22%</b>	<b>sub-category chapters</b>
1.A.1.a	3.430	3.410	-0.02	-0.58%	<a href="#">here</a>
1.A.1.b	80.18	79.31	-0.87	-1.09%	<a href="#">here</a>
1.A.1.c	0.0262	0.0283	0.00	8.38%	<a href="#">here</a>
1.A.2.g vii	0.00041	0.00042	0.00	2.36%	<a href="#">here</a>
1.A.2.g viii	1.62	1.97	0.35	21.78%	<a href="#">here</a>
1.A.3.b i	0.0384	0.0384	0.00	0.08%	<a href="#">here</a>
1.A.3.b ii	0.00128	0.00126	-0.00002	-1.74%	<a href="#">here</a>
1.A.3.b iii	0.00270	0.00273	0.00002	0.90%	<a href="#">here</a>
1.A.3.b iv	0.00101	0.00099	-0.00003	-2.57%	<a href="#">here</a>
1.A.3.c	46.61	40.02	-6.59	-14.14%	<a href="#">here</a>
1.A.3.d ii	0.387	0.386	-0.001	-0.23%	<a href="#">here</a>
1.A.4.a i	0.046	0.044	-0.002	-3.67%	<a href="#">here</a>
1.A.4.a ii	0.000026	0.000022	-0.000004	-16.10%	<a href="#">here</a>
1.A.4.b i	0.50	0.53	0.03	6.27%	<a href="#">here</a>
1.A.4.b ii	0.011	0.010	-0.001	-10.16%	<a href="#">here</a>
1.A.4.c i	0.00533	0.00526	-0.00007	-1.35%	<a href="#">here</a>
1.A.4.c ii	0.055	0.049	-0.006	-10.62%	<a href="#">here</a>
1.A.5.b	0.003162	0.003165	0.000003	0.10%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>7.1795</b>	<b>7.1725</b>	<b>-0.0070</b>	<b>-0.10%</b>	<b>sub-category chapters</b>
2.A.3	0.0413	0.0417	0.0004	1.04%	<a href="#">here</a>
2.G	1.7308	1.7234	-0.0074	-0.43%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>NA</b>				

	Submission 2024	Submission 2025	Difference		Reasoning
<b>NFR Sector</b>		[t]		relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>143.26</b>	<b>136.14</b>	<b>-7.12</b>	<b>-4.97%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>136.08</b>	<b>128.97</b>	<b>-7.11</b>	<b>-5.22%</b>	<b>sub-category chapters</b>
<b>NFR 6 - Other</b>		<b>NA</b>			