

## 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 **2021 (+5.80 t or +4.43 %)** are dominated by revisions in **NFR sub-categories 1.A.1.b (+2.89 t) and 1.A.3.c (3.18 t)** together with a **variety of revisions throughout NFRs 1 and 2**.

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 in emission estimates for 2021

	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.a	NE	NE	#WERT!	#WERT!	<a href="#">here</a>
1.A.2.b	IE	IE	#WERT!	#WERT!	<a href="#">here</a>
1.A.2.c	IE	IE	#WERT!	#WERT!	<a href="#">here</a>
1.A.2.d	IE	IE	#WERT!	#WERT!	<a href="#">here</a>
1.A.2.e	NE	NE	#WERT!	#WERT!	<a href="#">here</a>
1.A.2.f	IE	IE	#WERT!	#WERT!	<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.a i(i)	0,000000133	0,000000133	0,00	0,00%	<a href="#">here</a>
1.A.3.a ii(i)	0,000001882	0,000001882	0,00	0,00%	<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.b v	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
1.A.3.b vi	2,6092	2,6092	0,00	0,00%	<a href="#">here</a>
1.A.3.b vii	0,5459	0,5459	0,00	0,00%	<a href="#">here</a>
1.A.3.c	46,61	40,02	-6,59	-14,14%	<a href="#">here</a>
1.A.3.d i(ii)	IE	IE	#WERT!	#WERT!	
<b>1.A.3.d ii</b>	<b>0,387</b>	<b>0,386</b>	<b>-0,001</b>	<b>-0,23%</b>	<b><a href="#">here</a></b>

	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.3.e i	NA	NA	#WERT!	#WERT!	<a href="#">1.A.3.e i - Pipeline Transport ]</a>
1.A.3.e ii	NA	NA	#WERT!	#WERT!	<a href="#">1.A.3.e ii - Other Transport: Other ]</a>
<b>1.A.4.a i</b>	<b>0,046</b>				<a href="#">here</a>
<b>1.A.4.a ii</b>	<b>0,000026</b>				<a href="#">here</a>
<b>1.A.4.b i</b>	<b>0,50</b>				<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.4.c iii	0,0051344	0,0051344	0,00	0,00%	<a href="#">here</a>
1.A.5.a	NE	NE	#WERT!	#WERT!	<a href="#">here</a>
1.A.5.b	0,003162	0,003165	0,000003	0,10%	<a href="#">here</a>
1.B.1.a	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
1.B.1.b	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
1.B.1.c	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
1.B.2.a i	NA	NA	#WERT!	#WERT!	
1.B.2.a iv	NA	NA	#WERT!	#WERT!	
1.B.2.a v	NA	NA	#WERT!	#WERT!	
1.B.2.b	NA	NA	#WERT!	#WERT!	
1.B.2.c	NA	NA	#WERT!	#WERT!	
1.B.2.d	NA	NA	#WERT!	#WERT!	
<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.1	NE	NE	#WERT!	#WERT!	<a href="#">here</a>
2.A.2	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
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>				
<b>NFR 6 - Other</b>	<b>NA</b>				