

# Recalculations - Nickel (Ni)

The marginally small changes within the **1990 National Total (+0.0004 t or +0.0001 %)** result from a variety of revisions throughout NFRS 1 and 2 - with the strongest percental change occurring in **NFR 1.A.3.a i(i) with minus 62 %**.

Table 1: Changes in emission estimates for 1990

	Submission 2023	Submission 2024	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>332,7447</b>	<b>332,7450</b>	<b>0,0004</b>	<b>0,0001%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>305,1336</b>	<b>305,1339</b>	<b>0,0002</b>	<b>0,0001%</b>	<b>sub-category chapters</b>
1.A.2.g vii	0,00030	0,00023	-0,00007	-22,0%	<a href="#">here</a>
1.A.3.a i(i)	0,0000009	0,0000003	-0,0000006	-62,4%	<a href="#">here</a>
1.A.3.a ii(i)	0,000013	0,000014	0,000001	7,61%	<a href="#">here</a>
1.A.3.c	55,2569	55,2571	0,0002	0,0004%	<a href="#">here</a>
1.A.4.a ii	0,000037	0,000032	-0,000005	-12,7%	<a href="#">here</a>
1.A.4.c ii	0,04572	0,04579	0,00007	0,15%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>27,6111</b>	<b>27,6112</b>	<b>0,0001</b>	<b>0,0004%</b>	<b>sub-category chapters</b>
2.G	1,5785	1,5786	0,0001	0,01%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>		
<b>NFR 5 - Waste</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>		
<b>NFR 6 - Other</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>		

The changes within the **National Total** reported for **2021 (+7.21 t or +1.37 %)** result from a **variety of revisions throughout NFRs 1, 2 and 5**.

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 2023	Submission 2024	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>130,89</b>	<b>136,69</b>	<b>5,80</b>	<b>4,43%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>123,18</b>	<b>128,95</b>	<b>5,77</b>	<b>4,69%</b>	<b>sub-category chapters</b>
1.A.1.a	3,208	3,214	0,006	0,19%	<a href="#">here</a>
1.A.1.b	71,85	74,74	2,89	4,03%	<a href="#">here</a>
1.A.1.c	0,0265	0,0282	0,0017	6,46%	<a href="#">here</a>
1.A.2.g vii	0,00045	0,00043	-0,00001	-2,9%	<a href="#">here</a>
1.A.2.g viii	2,04	1,71	-0,33	-16,1%	<a href="#">here</a>
1.A.3.a i(i)	0,000000134	0,000000127	-0,000000007	-5,24%	<a href="#">here</a>
1.A.3.a ii(i)	0,000001688	0,000001689	0,000000001	0,07%	<a href="#">here</a>
1.A.3.b i	0,0365	0,0366	0,0001	0,30%	<a href="#">here</a>
1.A.3.b ii	0,00124	0,00123	-0,00001	-1,02%	<a href="#">here</a>
1.A.3.b iii	0,0012	0,0028	0,0016	130%	<a href="#">here</a>
1.A.3.b iv	0,00092	0,00093	0,00001	1,02%	<a href="#">here</a>
1.A.3.b v	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
1.A.3.b vi	2,5539	2,5575	0,0036	0,14%	<a href="#">here</a>
1.A.3.b vii	0,5373	0,5375	0,0002	0,03%	<a href="#">here</a>
<b>1.A.3.c</b>	<b>41,78</b>	<b>44,96</b>	<b>3,18</b>	<b>7,60%</b>	<b><a href="#">here</a></b>
1.A.3.d ii	0,5255	0,5279	0,0025	0,47%	<a href="#">here</a>
<b>1.A.4.a i</b>	<b>0,046</b>				<b><a href="#">here</a></b>
1.A.4.a ii	0,000028	0,000030	0,000002	6,02%	<a href="#">here</a>
1.A.4.b i	0,50907	0,50908	0,00001	0,002%	<a href="#">here</a>
1.A.4.b ii	0,0105	0,0110	0,0005	4,60%	<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>130,89</b>	<b>136,69</b>	<b>5,80</b>	<b>4,43%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>123,18</b>	<b>128,95</b>	<b>5,77</b>	<b>4,69%</b>	<b>sub-category chapters</b>
1.A.4.c i	0,005968	0,005984	0,000016	0,27%	<a href="#">here</a>
1.A.4.c ii	0,043	0,056	0,014	31,55%	<a href="#">here</a>
1.A.4.c iii	0,0061710	0,0061710	0,0000000	0,00%	<a href="#">here</a>
1.A.5.a	NE	NE	#WERT!	#WERT!	<a href="#">here</a>
1.A.5.b	0,00285568	0,00285570	0,00000002	0,001%	<a href="#">here</a>
NFR 2 - IPPU	7,71101	7,73736	0,02634	0,34%	sub-category chapters
2.A.3	0,04095	0,04099	0,00004	0,09%	<a href="#">here</a>
2.G	1,71721	1,74352	0,02630	1,53%	<a href="#">here</a>
NFR 6 - Other	0,0000000	0,0000000	0,0000000	#DIV/0!	