

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
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	332.75	332.75	0.00	0.00%	sub-category chapters
NFR 1 - Energy	305.13	305.13	0.00	0.00%	sub-category chapters
1.A.2.g vii	0.000233	0.000230	-0.000003	-1.47%	here
1.A.4.a ii	0.0000319	0.0000312	-0.0000007	-2.16%	here
1.A.4.c ii	0.045793	0.045797	0.000004	0.01%	here
NFR 2 - IPPU	27.61	27.61	0.00	0.00%	
NFR 3 - Agriculture	NA				
NFR 5 - Waste	NA				
NFR 6 - Other	NA				

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
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	143,26	136,14	-7,12	-4,97%	sub-category chapters
NFR 1 - Energy	136,08	128,97	-7,11	-5,22%	sub-category chapters
1.A.1.a	3,430	3,410	-0,02	-0,58%	here
1.A.1.b	80,18	79,31	-0,87	-1,09%	here
1.A.1.c	0,0262	0,0283	0,00	8,38%	here
1.A.2.a	NE	NE	#WERT!	#WERT!	here
1.A.2.b	IE	IE	#WERT!	#WERT!	here
1.A.2.c	IE	IE	#WERT!	#WERT!	here
1.A.2.d	IE	IE	#WERT!	#WERT!	here
1.A.2.e	NE	NE	#WERT!	#WERT!	here
1.A.2.f	IE	IE	#WERT!	#WERT!	here
1.A.2.g vii	0,00041	0,00042	0,00	2,36%	here
1.A.2.g viii	1,62	1,97	0,35	21,78%	here
1.A.3.a i(i)	0,000000133	0,000000133	0,00	0,00%	here
1.A.3.a ii(i)	0,000001882	0,000001882	0,00	0,00%	here
1.A.3.b i	0,0384	0,0384	0,00	0,08%	here
1.A.3.b ii	0,00128	0,00126	-0,00002	-1,74%	here
1.A.3.b iii	0,00270	0,00273	0,00002	0,90%	here
1.A.3.b iv	0,00101	0,00099	-0,00003	-2,57%	here
1.A.3.b v	NA	NA	#WERT!	#WERT!	here
1.A.3.b vi	2,6092	2,6092	0,00	0,00%	here
1.A.3.b vii	0,5459	0,5459	0,00	0,00%	here
1.A.3.c	46,61	40,02	-6,59	-14,14%	here
1.A.3.d i(ii)	IE	IE	#WERT!	#WERT!	
1.A.3.d ii	0,387	0,386	-0,001	-0,23%	here

	Submission 2024	Submission 2025	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	143,26	136,14	-7,12	-4,97%	sub-category chapters
NFR 1 - Energy	136,08	128,97	-7,11	-5,22%	sub-category chapters
1.A.3.e i	NA	NA	#WERT!	#WERT!	1.A.3.e i - Pipeline Transport]
1.A.3.e ii	NA	NA	#WERT!	#WERT!	1.A.3.e ii - Other Transport: Other]
1.A.4.a i	0,046				here
1.A.4.a ii	0,000026				here
1.A.4.b i	0,50				here
1.A.4.b ii	0,011	0,010	-0,001	-10,16%	here
1.A.4.c i	0,00533	0,00526	-0,00007	-1,35%	here
1.A.4.c ii	0,055	0,049	-0,006	-10,62%	here
1.A.4.c iii	0,0051344	0,0051344	0,00	0,00%	here
1.A.5.a	NE	NE	#WERT!	#WERT!	here
1.A.5.b	0,003162	0,003165	0,000003	0,10%	here
1.B.1.a	NA	NA	#WERT!	#WERT!	here
1.B.1.b	NA	NA	#WERT!	#WERT!	here
1.B.1.c	NA	NA	#WERT!	#WERT!	here
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!	
NFR 2 - IPPU	7,1795	7,1725	-0,0070	-0,10%	sub-category chapters
2.A.1	NE	NE	#WERT!	#WERT!	here
2.A.2	NA	NA	#WERT!	#WERT!	here
2.A.3	0,0413	0,0417	0,0004	1,04%	here
2.G	1,7308	1,7234	-0,0074	-0,43%	here
NFR 3 - Agriculture	NA				
NFR 5 - Waste	NA				
NFR 6 - Other	NA				