Recalculations - Selenium (Se)

The marginally small changes within the **1990 National Total (+0.00005 t or +0.001 %)** result from a variety of revisions throughout NFRS 1 and 2 - with the strongest percental change occuring in **NFR 1.A.3.a i(i) with minus 62 %**.

Table 1: Changes in emission estimates for 1990

NFR Sector	Submission 2023	Submission 2024	Difference	relative	Reasoning
		[t]			see description and reasoning in:
NATIONAL TOTAL	**5,72714**	**5,72720**	**0,00005**	**0,001%**	**sub-category chapters**
NFR 1 - Energy	**2,02684**	**2,02687**	**0,00003**	**0,002%**	**sub-category chapters**
1.A.2.g vii	0,00012	0,00009	-0,00003	-27,8%	here
1.A.3.a i(i)	0,00000008	0,00000003	-0,00000005	-62,4%	here
1.A.3.a ii(i)	0,0000011	0,0000012	0,0000001	7,61%	here
1.A.3.c	0,00895	0,00899	0,00003	0,38%	here
1.A.4.a ii	0,000018	0,000016	-0,000002	-12,7%	here
1.A.4.c ii	0,00659	0,00663	0,00004	0,54%	here
NFR 2 - IPPU	**3,70031**	**3,70032**	**0,00002**	**0,0004%**	**sub-category chapters**
2.G	0,15948	0,15949	0,00002	0,01%	here
NFR 3 - Agriculture	**0,00**	**0,00**	**0,00**		
NFR 5 - Waste	**0,00**	**0,00**	**0,00**		
NFR 6 - Other	**0,00**	**0,00**	**0,00**		

The significant changes within the **National Total** reported for **2021 (+5.80 t or +4.43 %)** are domainated 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 occuring in NFR 1.A.3.b iii (+130 %) results from a correction of errenous data reported with the previous submission.

Table 2: Changes in emission estimates for 2021

NFR Sector	Submission 2023	Submission 2024	Difference	relative	Reasoning
		[t]			see description and reasoning in:
NATIONAL TOTAL	**2,767**	**2,764**	**-0,003**	**-0,10%**	**sub-category chapters**
NFR 1 - Energy	**1,264**	**1,258**	**-0,007**	**-0,52%**	**sub-category chapters**
1.A.1.a	0,0788	0,0783	-0,0005	-0,58%	here
1.A.1.b	0,815	0,806	-0,009	-1,07%	here
1.A.1.c	NE	NE	#WERT!	#WERT!	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	0,00013	0,00010	-0,00004	-27,0%	here
1.A.2.g viii	0,0196	0,0188	-0,0008	-4,25%	here
1.A.3.a i(i)	0,000000012	0,000000011	-0,000000001	-5,24%	here
1.A.3.a ii(i)	0,0000001468	0,0000001469	0,0000000001	0,07%	here
1.A.3.b i	0,004284	0,004267	-0,000016	-0,38%	here
1.A.3.b ii	0,00044	0,00043	-0,00001	-1,74%	here
1.A.3.b iii	**0,0006**	**0,0014**	**0,0008**	**130%**	**here**
1.A.3.b iv	0,0000801	0,0000809	0,0000008	1,02%	here
1.A.3.b v	NA	NA	#WERT!	#WERT!	here
1.A.3.b vi		**0,3101**			**here**

NFR Sector	Submission 2023	Submission 2024	Difference	relative	Reasoning see description and reasoning in:
	[t]				
NATIONAL TOTAL	2,767	2,764	-0,003	-0,10%	sub-category chapters
NFR 1 - Energy	1,264	1,258	-0,007	-0,52%	sub-category chapters
1.A.3.b vii	NE				here
1.A.3.c	0,00257933				here
1.A.3.d i(ii)	IE	IE	#WERT!	#WERT!	
1.A.3.d ii	0,0242	0,0246	0,0004	1,46%	here
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	NE	NE	#WERT!	#WERT!	here
1.A.4.a ii	0,000014	0,000015	0,000001	6,02%	here
1.A.4.b i	NE	NE	#WERT!	#WERT!	here
1.A.4.b ii	0,00148	0,00155	0,00007	4,60%	here
1.A.4.c i	NE	NE	#WERT!	#WERT!	here
1.A.4.c ii	0,006	0,008	0,002	31,51%	here
1.A.4.c iii	0,0006171	0,0006171	0,0000000	0,00%	here
1.A.5.a	NE	NE	#WERT!	#WERT!	here
1.A.5.b	0,000284458	0,000284459	0,000000001	0,001%	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	1,50228	1,50616	0,00388	0,26%	sub-category chapters
2.A.1	NE	NE	#WERT!	#WERT!	here
2.A.2	NA	NA	#WERT!	#WERT!	here
2.A.3	1,30332	1,30345	0,00013	0,01%	here
2.G	0,19876	0,20251	0,00374	1,88%	here
2.H.1	NA	NA	#WERT!	#WERT!	here
2.H.2	NA	NA	#WERT!	#WERT!	here
2.H.3	NA	NA	#WERT!	#WERT!	here
2.I	NA	NA	#WERT!	#WERT!	here
2.J	NO	NO	#WERT!	#WERT!	here
2.K	NA	NA	#WERT!	#WERT!	here
2.L	NA	NA	#WERT!	#WERT!	here
NFR 3 - Agriculture	0,0000000	0,0000000	0,0000000	#DIV/0!	sub-category chapters
NFR 5 - Waste	0,0000000	0,0000000	0,0000000	#DIV/0!	sub-category chapters
5.A	NA	NA	#WERT!	#WERT!	here
5.B.1	NA	NA	#WERT!	#WERT!	here
5.B.2	NA	NA	#WERT!	#WERT!	here
5.C.1.a	NO	NO	#WERT!	#WERT!	
5.C.1.b i	NO	NO	#WERT!	#WERT!	
5.C.1.b ii	NO	NO	#WERT!	#WERT!	
5.C.1.b iii	NO	NO	#WERT!	#WERT!	
5.C.1.b iv	NO	NO	#WERT!	#WERT!	
5.C.1.b v	NE	NE	#WERT!	#WERT!	here
5.C.1.b vi	NA	NA	#WERT!	#WERT!	
5.C.2	NE	NE	#WERT!	#WERT!	here
5.D.1	NA	NA	#WERT!	#WERT!	here
5.D.2	NA	NA	#WERT!	#WERT!	here
5.D.3	NO	NO	#WERT!	#WERT!	

	Submission 2023	Submission 2024	Difference		Reasoning
NFR Sector		**[t]**		relative	see description and reasoning in:
NATIONAL TOTAL	**2,767**	**2,764**	**-0,003**	**-0,10%**	**sub-category chapters**
NFR 1 - Energy	**1,264**	**1,258**	**-0,007**	**-0,52%**	**sub-category chapters**
5.E	NE	NE	#WERT!	#WERT!	here
NFR 6 - Other	0,0000000	0,0000000	0,0000000	#DIV/0!	