

Recalculations - Selenium (Se)

With negligibly small changes within NFRs 1 and 2 and re-allocations in sub-categories of 1.A.3.b, the **1990 National Total remains unaltered** compared to last year's submission.

However, the strongest percental change occurs in NFR **1.A.3.b ii with plus 25 %**.

Table 1: Changes in emission estimates for 1990

	Submission 2022	Submission 2023	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	5,73	5,73	0,00	0,00%	sub-category chapters
NFR 1 - Energy	2,03	2,03	0,00	0,00%	sub-category chapters
1.A.2.g vii	0,0001184	0,0001186	0,0000002	0,17%	here
1.A.3.b i	0,006468	0,006470	0,000001	0,02%	here
1.A.3.b ii	0,000189	0,000236	0,000047	24,90%	here
1.A.3.b iii	0,001056	0,001005	-0,000051	-4,87%	here
1.A.3.b iv	0,000100	0,000103	0,000003	2,99%	here
1.A.4.a ii	0,00001827	0,00001825	-0,00000002	-0,09%	here
1.A.4.b ii	0,003360	0,003360	0,000001	0,02%	here
1.A.4.c ii	0,0065939	0,0065934	-0,0000005	-0,01%	here
NFR 2 - IPPU	3,70	3,70	0,00	0,00%	sub-category chapters
2.G	0,15950	0,15948	-0,00002	-0,01%	here
NFR 3 - Agriculture	NA				
NFR 5 - Waste	NA				
NFR 6 - Other	NA				

The small changes in the **National Total** reported for **2020 (+0.018 t or +0.66 %)** result from a **variety of revisions throughout NFRs 1 and 2** with the most **dominant changes occurring for NFRs 1.A.1.b and 1.A.2.g viii**.

Table 2: Changes in emission estimates for 2020

	Submission 2022	Submission 2023	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	2,6506	2,6682	0,0176	0,66%	sub-category chapters
NFR 1 - Energy	1,1901	1,2045	0,0143	1,20%	sub-category chapters
1.A.1.a	0,069	0,068	-0,001	-1,93%	here
1.A.1.b	0,76	0,77	0,01	1,42%	here
1.A.2.g vii	0,000127	0,000132	0,000005	4,09%	here
1.A.2.g viii	0,014	0,021	0,006	44,75%	here
1.A.3.a i(i)	0,00000000441	0,00000000439	-0,00000000002	-0,42%	here
1.A.3.a ii(i)	0,00000011377	0,00000011381	0,00000000004	0,03%	here
1.A.3.b i	0,004232	0,004237	0,000005	0,12%	here
1.A.3.b ii	0,000389	0,000400	0,000011	2,70%	here
1.A.3.b iii	0,0015	0,0005	-0,0010	-65,91%	here
1.A.3.b iv	0,000087	0,000088	0,000001	1,11%	here
1.A.3.b vi	0,3090	0,3074	-0,002	-0,50%	here
1.A.3.c	0,0024	0,0025	0,0001	6,28%	here
1.A.4.a ii	0,0000145	0,0000147	0,0000001	0,89%	here
1.A.4.b ii	0,0019	0,0015	-0,0004	-21,39%	here
1.A.4.c ii	0,005	0,006	0,001	24,99%	here
NFR 2 - IPPU	1,4605	1,4637	0,0032	0,22%	sub-category chapters
2.A.3	1,2586	1,2624	0,0039	0,31%	here
2.G	0,2017	0,2011	-0,0006	-0,31%	here
NFR 3 - Agriculture	NA				
NFR 5 - Waste	NA				

	Submission 2022	Submission 2023	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	2,6506	2,6682	0,0176	0,66%	sub-category chapters
NFR 1 - Energy	1,1901	1,2045	0,0143	1,20%	sub-category chapters
NFR 6 - Other	NA				
	Submission 2021	Submission 2022	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	7,26	2,88	-4,37	-60,29%	sub-category chapters
NFR 1 - Energy	1,36	1,35	-0,01	-0,81%	sub-category chapters
1.A.1.a	0,083	0,085	0,002	2,05%	here
1.A.1.b	0,857	0,856	-0,001	-0,09%	here
1.A.2.g vii	0,0001221	0,0001220	-0,0000001	-0,06%	here
1.A.2.g viii	0,018	0,017	-0,001	-7,66%	here
1.A.3.a i(i)	0,00000005	0,00000001	-0,00000004	-83,52%	here
1.A.3.a ii(i)	0,0000011	0,0000002	-0,0000009	-83,69%	here
1.A.3.b i	0,004783	0,004786	0,000003	0,06%	here
1.A.3.b ii	0,000400	0,000396	-0,000004	-1,10%	here
1.A.3.b iii	0,001506	0,001504	-0,000002	-0,15%	here
1.A.3.b iv	0,000086	0,000085	-0,000001	-1,10%	here
1.A.3.c	0,0022	0,0025	0,0003	12,76%	here
1.A.3.d ii	0,04	0,03	-0,01	-25,88%	here
1.A.4.a ii	0,00001420	0,00001423	0,00000003	0,18%	here
1.A.4.b ii	0,00200	0,00203	0,00004	1,87%	here
1.A.4.c ii	0,00392	0,00385	-0,00007	-1,77%	here
1.A.4.c iii	0,0012	0,0007	-0,0004	-37,07%	here
1.A.5.b	0,0013	0,0004	-0,0009	-69,98%	here
NFR 2 - IPPU	5,90	1,53	-4,36	-73,98%	sub-category chapters
2.A.3	5,70	1,31	<u>-4,39</u>	-77,03%	here
2.D.3.g	NA	0,0002	0,0002		here
2.G	0,202	0,226	0,024	12,10%	here
NFR 3 - Agriculture	NA				
NFR 5 - Waste	NA				
NFR 6 - Other	NA				