

Recalculations - Selenium (Se)

The small changes in the **National Total** reported for **1990 (+0.07 t or +1.17 %)** result from a variety of revisions in **NFRs 1 and 2**.

Table 1: Changes in emission estimates for 1990

	Submission 2021	Submission 2022	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	5,66	5,73	0,07	1,17%	sub-category chapters
NFR 1 - Energy	2,09	2,03	-0,06	-2,86%	sub-category chapters
1.A.3.a i(i)	0,00000012	0,00000008	-0,00000004	-33,33%	here
1.A.3.a ii(i)	0,0000017	0,0000011	-0,0000006	-33,33%	here
1.A.3.d ii	0,10	0,04	-0,06	-56,59%	here
1.A.4.b ii	0,0033	0,0034	0,0001	2,79%	here
1.A.4.c iii	0,002	0,001	-0,001	-50,40%	here
1.A.5.b	0,0024	0,0018	-0,0006	-25,35%	here
NFR 2 - IPPU	3,5746	3,7003	0,1258	3,52%	sub-category chapters
2.A.3	3,4134	3,5407	0,1273	3,73%	here
2.D.3.g	NA	0,00016	0,00016		here
2.G	0,1612	0,1595	-0,0017	-1,03%	here
NFR 3 - Agriculture		NA			
NFR 5 - Waste		NA			
NFR 6 - Other		NA			

The remarkably strong changes in the **National Total** reported for **2019 (-4.37 t or -60.29 %)** result almost entirely from a revision in **NFR 2.A.3 with minus -4.39 t**.

However, the

Table 2: Changes in emission estimates for 2019

	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	-4,39	-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	0,00	0,00	0,000	#DIV/0!	sub-category chapters
NFR 5 - Waste	0,00	0,00	0,000	#DIV/0!	sub-category chapters
NFR 6 - Other	0,00	0,00	0,000	#DIV/0!	