

Recalculations - Arsenic (As)

With negligibly small changes within the **1990 National Total (-0.002 t or -0.002 %)** are dominated by a revision in NFR 5.E (-0.002 t) **together with a variety of much less significant changes throughout NFR 1. Here, the strongest percental change occurs in NFR 1.A.3.a i(i) with minus 64 %.** **Table 1: Changes of emission estimates for 1990 ^ Submission 2023 ^ Submission 2024 ^ Difference | Reasoning ^ NFR Sector ^ [t] | relative ^ see description and reasoning in: ^ NATIONAL TOTAL ^ 85,919 ^ 85,917 ^ -0,002 ^ -0,002% ^ sub-category chapters ^ NFR 1 - Energy ^ 82,3658553 ^ 82,3658556 ^ 0,0000004 ^ 0,0000005% ^ sub-category chapters ^ | 1.A.2.g vii | 0,00012 | 0,00009 | -0,00003 | -27,1% | [here](#) | | 1.A.3.a i(i) | 0,0000001 | 0,0000000 | -0,0000001 | -62,4% | [here](#) | | 1.A.3.a ii(i) | 0,0000017 | 0,0000018 | 0,0000001 | 7,61% | [here](#) | | 1.A.3.c | 0,0135046 | 0,0135049 | 0,0000003 | 0,003% | [here](#) | | 1.A.4.a ii | 0,000018 | 0,000016 | -0,000002 | -12,7% | [here](#) | | 1.A.4.c ii | 0,00015 | 0,00019 | 0,00004 | 23,4% | [here](#) | ^ NFR 2 - IPPU ^ 3,52 ^ 3,52 ^ 0,00 ^ 0,00% ^ ^ NFR 3 - Agriculture ^ 0,00 ^ 0,00 ^ 0,00 ^ ^ ^ NFR 5 - Waste ^ 0,030 ^ 0,028 ^ -0,002 ^ -5,96% ^ sub-category chapters ^ | 5.E | 0,030 | 0,028 | -0,002 | -5,96% ^ [here](#) ^ ^ NFR 6 - Other ^ 0,00 ^ 0,00 ^ 0,00 ^ ^ ^ The small changes in the National Total reported for 2020 (+0.03 t and +0.55 %) are dominated by revisions in NFRs 1.A.1.a, 1.A.1.b and 1.A.2.g viii** together with less significant changes throughout NFRs 1 and 2.**

The significant percental change occurring in NFR 1.A.3.b iii results from a data error that will be corrected with the next annual submission.

Table 2: Changes of emission estimates for 2020

NFR Sector	Submission 2022	Submission 2023	Difference		Reasoning see description and reasoning in:
	[t]			relative	
NATIONAL TOTAL	4,96	4,98	0,03	0,55%	sub-category chapters
NFR 1 - Energy	3,88	3,91	0,03	0,70%	sub-category chapters
1.A.1.a	1,72	1,70	-0,01	-0,74%	here
1.A.1.b	0,87	0,85	-0,02	-2,72%	here
1.A.1.c	0,0063	0,0058	-0,0004	-6,81%	here
1.A.2.g vii	0,00013	0,00014	0,00001	5,31%	here
1.A.2.g viii	0,18	0,23	0,06	33,63%	here
1.A.3.a i(i)	0,00000000661	0,00000000658	-0,00000000003	-0,42%	here
1.A.3.a ii(i)	0,00000017066	0,00000017071	0,00000000006	0,03%	here
1.A.3.b i	0,005688	0,005690	0,000001	0,03%	here
1.A.3.b ii	0,000404	0,000417	0,000013	3,09%	here
1.A.3.b iii	0,001	0,000	-0,001	-65,91%	here
1.A.3.b iv	0,000131	0,000132	0,000001	1,11%	here
1.A.3.b vi	0,504	0,502	-0,002	-0,43%	here
1.A.3.b vii	0,03644	0,03642	-0,00002	-0,05%	here
1.A.3.c	0,001182	0,001184	0,000002	0,14%	here
1.A.4.b i	0,41	0,42	0,01	2,14%	here
1.A.4.b ii	0,0000145	0,0000147	0,0000001	0,89%	here
1.A.4.c i	0,139	0,138	-0,001	-0,51%	here
1.A.4.c ii	0,00003	0,00002	-0,00001	-21,39%	here
1.A.4.c iii	0,0009582	0,0009581	-0,0000001	-0,01%	here
1.A.5.a	0,000155	0,000160	0,000005	3,31%	here
NFR 2 - IPPU	1,0468	1,0470	0,0002	0,02%	sub-category chapters
2.A.3	0,1832	0,1833	0,0002	0,09%	here
NFR 3 - Agriculture	NA				
NFR 5 - Waste	0,03	0,03	0,00	0,00%	
NFR 6 - Other	NA				