

Recalculations - Arsenic (As)

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 -1.93 %**, **1.A.4.a ii with -2.16 %** and **1.A.4.c ii with plus 1.10 %** with mutually canceling absolute changes.

Table 1: Changes of emission estimates for 1990

NFR Sector	Submission 2024	Submission 2025	Difference		Reasoning
	[t]			relative	
NATIONAL TOTAL	85.92	85.92	0.00	0.00%	see description and reasoning in: sub-category chapters
NFR 1 - Energy	82.37	82.37	0.00	0.00%	sub-category chapters
1.A.2.g vii	0.000089	0.000087	-0.000002	-1.93%	here
1.A.4.a ii	0.0000159	0.0000156	-0.0000003	-2.16%	here
1.A.4.c ii	0.000186	0.000188	0.000002	1.10%	here
NFR 2 - IPPU	3.52	3.52	0.00	0.00%	
NFR 3 - Agriculture	NA				
NFR 5 - Waste	0.03	0.03	0.00	0.00%	
NFR 6 - Other	NA				

The changes within the **National Total** reported for **2021 (+0.08 t or +1.53 %)** result from a **variety of revisions throughout NFRs 1, 2 and 5**.

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 of emission estimates for 2021

NFR Sector	Submission 2023	Submission 2024	Difference		Reasoning
	[t]			relative	
NATIONAL TOTAL	5,58	5,76	0,18	3,19%	see description and reasoning in: sub-category chapters
NFR 1 - Energy	4,53	4,71	0,17	3,80%	sub-category chapters
1.A.1.a	2,17	2,16	-0,01	-0,38%	here
1.A.1.b	0,99	1,17	0,18	18,60%	here
1.A.1.c	0,0053	0,0057	0,0004	8,50%	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	0,000099	0,000097	-0,000002	-2,15%	here
1.A.2.g viii	0,187	0,192	0,005	2,65%	here
1.A.3.a i(i)	0,000000017	0,000000017	0,00	0,00%	here
1.A.3.a ii(i)	0,0000002455	0,0000002455	0,00	0,00%	here
1.A.3.b i	0,006017	0,006022	0,000005	0,08%	here
1.A.3.b ii	0,000464	0,000456	-0,000008	-1,73%	here
1.A.3.b iii	0,00132	0,00134	0,00001	0,90%	here
1.A.3.b iv	0,000132	0,000129	-0,000003	-2,57%	here
1.A.3.b v	NA	NA	#WERT!	#WERT!	here
1.A.3.b vi	0,5180	0,5180	0,00	0,00%	here
1.A.3.b vii	0,037353	0,037353	0,00	0,00%	here
1.A.3.c	0,00125372	0,00125376	0,00	0,00%	here
1.A.3.d i(ii)	IE	IE	#WERT!	#WERT!	
1.A.3.d ii	0,011353	0,011351	-0,000001	-0,01%	here

	Submission 2023	Submission 2024	Difference		Reasoning
NFR Sector	[t]		relative	see description and reasoning in:	
NATIONAL TOTAL	5,58	5,76	0,18	3,19%	sub-category chapters
NFR 1 - Energy	4,53	4,71	0,17	3,80%	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				1.A.3.e ii - Other Transport: Other]
1.A.4.a i	0,47	0,45	-0,02	-3,70%	here
1.A.4.a ii	0,000013	0,000011	-0,000002	-16,10%	here
1.A.4.b i	0,138	0,146	0,008	6,16%	here
1.A.4.b ii	0,000023	0,000024	0,000001	2,17%	here
1.A.4.c i	0,00098	0,00097	-0,00001	-1,35%	here
1.A.4.c ii	0,000209	0,000212	0,000003	1,65%	here
1.A.4.c iii	0,000205377	0,000205377	0,00	0,00%	here
1.A.5.a	NE	NE	#WERT!	#WERT!	here
1.A.5.b	0,000137	0,000138	0,000001	0,60%	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	1,019	1,021	0,002	0,15%	sub-category chapters
2.A.1	NE	NE	#WERT!	#WERT!	here
2.A.2	NA	NA	#WERT!	#WERT!	here
2.A.3	0,195	0,197	0,002	0,77%	here
2.A.5.a	NA	NA	#WERT!	#WERT!	here
2.A.5.b	NA	NA	#WERT!	#WERT!	here
2.A.5.c	NA	NA	#WERT!	#WERT!	here
2.A.6	NA	NA	#WERT!	#WERT!	here
2.B.1	NA	NA	#WERT!	#WERT!	here
2.B.2	NA	NA	#WERT!	#WERT!	here
2.B.3	NA	NA	#WERT!	#WERT!	here
2.B.5	NA	NA	#WERT!	#WERT!	here
2.B.6	NA	NA	#WERT!	#WERT!	here
2.B.7	NA	NA	#WERT!	#WERT!	here
2.B.10.a	NA	NA	#WERT!	#WERT!	here
2.B.10.b	NA	NA	#WERT!	#WERT!	here
2.C.1	NE	NE	#WERT!	#WERT!	here
2.C.2	NA	NA	#WERT!	#WERT!	here
2.C.3	NA	NA	#WERT!	#WERT!	here
2.C.4	NA	NA	#WERT!	#WERT!	here
2.C.5	0,009732981	0,009732981	0,00	0,00%	here
2.C.6	0,014461526	0,014461526	0,00	0,00%	here
2.C.7.a	0,799703200	0,799703200	0,00	0,00%	here
2.C.7.b	NO	NO	#WERT!	#WERT!	here
2.C.7.c	NA	NA	#WERT!	#WERT!	here
2.C.7.d	NA	NA	#WERT!	#WERT!	here
2.D.3.a	NA	NA	#WERT!	#WERT!	here
2.D.3.b	NA	NA	#WERT!	#WERT!	here
2.D.3.c	NA	NA	#WERT!	#WERT!	here
2.D.3.d	NA	NA	#WERT!	#WERT!	here
2.D.3.e	NA	NA	#WERT!	#WERT!	here
2.D.3.f	NA	NA	#WERT!	#WERT!	here

	Submission 2023	Submission 2024	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	5,58	5,76	0,18	3,19%	sub-category chapters
NFR 1 - Energy	4,53	4,71	0,17	3,80%	sub-category chapters
2.D.3.g	0,000178805	0,000178805	0,00	0,00%	here
2.D.3.h	NA	NA	#WERT!	#WERT!	here
2.D.3.i	NA	NA	#WERT!	#WERT!	here
2.G	NA	NA	#WERT!	#WERT!	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	0,000000000	0,000000000	0,00	#DIV/0!	sub-category chapters
NFR 5 - Waste	0,030	0,034	0,004	13,82%	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!	
5.E	0,030	0,034	0,004	13,82%	here
NFR 6 - Other	NA	NA	#WERT!	#WERT!	