

Arsenic (As)

Revisions of Arsenic emissions over time:

The changes in the **National Total reported for 1990 (-1.05 t | -1.20 %)** are dominated by revisions in **NFR 2.C.7.a (-1.02 t)**. In addition, several rather negligible revisions occur throughout NFR 1.

Table 1: Changes of emission estimates for 1990

	Submission 2020	Submission 2021	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	86,90	85,85	-1,05	-1,20%	sub-category chapters
NFR 1 - Energy	82,51	82,50	0,00	0,00%	sub-category chapters
1.A.2.g vii	0,000120	0,000122	0,000002	1,51%	here
1.A.3.a i(i)	NE	0,0000002	0,0000002		here
1.A.3.a ii(i)	0,000017	0,000003	-0,000014	-84,90%	here
1.A.3.b i	0,00939	0,00941	0,00003	0,27%	here
1.A.3.b ii	0,00031	0,00025	-0,00006	-18,58%	here
1.A.3.b iii	0,00101	0,00106	0,00004	4,14%	here
1.A.3.b iv	0,00016	0,00015	-0,00001	-6,18%	here
1.A.3.b vi	0,381	0,380	-0,001	-0,30%	here
1.A.4.a ii	0,0000181	0,0000183	0,0000002	0,94%	here
1.A.4.c ii	0,000153	0,000151	-0,000002	-1,29%	here
NFR 2 - IPPU	4,36	3,32	-1,04	-23,94%	sub-category chapters
2.C.7.a	4,15	3,13	-1,02	-24,57%	here
2.G	0,02	NA	-0,02	-100%	here
NFR 3 - Agriculture	NA				
NFR 5 - Waste	0,03	0,03	0,00	0,00%	
NFR 6 - Other	NA				

The changes in the **National Total reported for 1990 (-1.05 t | -1.20 %)** are dominated by revisions in **NFR 2.C.7.a (-1.02 t)**. In addition, several rather negligible revisions occur throughout NFR 1.

Table 2: Changes of emission estimates for 2018

	Submission 2020	Submission 2021	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	8,747	6,072	-2,67	-30,58%	sub-category chapters
NFR 1 - Energy	4,982	4,825	-0,16	-3,15%	sub-category chapters
1.A.1.a	2,488	2,503	0,01	0,59%	here
1.A.1.b	1,062	0,937	-0,12	-11,77%	here
1.A.1.c	0,006	0,007	0,000	7,51%	here
1.A.2.g vii	0,00012	0,00013	0,00001	6,12%	here
1.A.2.g viii	0,212	0,209	-0,003	-1,31%	here
1.A.3.a i(i)	NE	0,0000001	0,0000001		here
1.A.3.a ii(i)	0,000003	0,000002	-0,000001	-36,34%	here
1.A.3.b i	0,0063	0,0064	0,0001	0,83%	here
1.A.3.b ii	0,000400	0,000402	0,000002	0,46%	here
1.A.3.b iii	0,00153	0,00148	-0,00005	-3,34%	here
1.A.3.b iv	0,000129	0,000128	-0,000002	-1,19%	here
1.A.3.b v	NA	NA	#WERT!	#WERT!	here
1.A.3.b vi	0,5574	0,5566	-0,0008	-0,14%	here
1.A.3.b vii	0,0402	0,0401	-0,0001	-0,28%	here
1.A.3.c	0,001309	0,001305	-0,000004	-0,29%	here
1.A.3.d i(ii)	IE	IE	#WERT!	#WERT!	
1.A.3.d ii	0,0195	0,0184	-0,0011	-5,68%	here

	Submission 2020	Submission 2021	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	8,747	6,072	-2,67	-30,58%	sub-category chapters
NFR 1 - Energy	4,982	4,825	-0,16	-3,15%	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	NA	#WERT!	#WERT!	1.A.3.e ii - Other Transport: Other]
1.A.4.a i	0,41	0,36	-0,05	-11,92%	here
1.A.4.a ii	0,000017	0,000014	-0,000003	-15,33%	here
1.A.4.b i	0,172	0,179	0,006	3,76%	here
1.A.4.b ii	0,00002916	0,00002917	0,00000001	0,02%	here
1.A.4.c i	0,0012	0,0013	0,0001	5,86%	here
1.A.4.c ii	0,000146	0,000142	-0,000003	-2,24%	here
1.A.4.c iii	0,0023	0,0024	0,0001	3,03%	here
1.A.5.a	NE	NE	#WERT!	#WERT!	here
1.A.5.b	0,000	0,000	0,00	2,89%	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	3,7337	1,2161	-2,52	-67,43%	sub-category chapters
2.A.1	NA	NE	#WERT!	#WERT!	here
2.A.2	NA	NA	#WERT!	#WERT!	here
2.A.3	0,32	0,32	0,00	-0,38%	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	NA	NA	#WERT!	#WERT!	here
2.C.2	NA	NA	#WERT!	#WERT!	here
2.C.3	NA	NA	#WERT!	#WERT!	here
2.C.4	NE	NE	#WERT!	#WERT!	here
2.C.5	0,01	0,01	0,00	0,00%	here
2.C.6	0,02	0,02	0,00	0,00%	here
2.C.7.a	3,32	0,87	-2,45	-73,93%	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 2020	Submission 2021	Difference		Reasoning
NFR Sector	[t]				see description and reasoning in:
NATIONAL TOTAL	8,747	6,072	-2,67	-30,58%	sub-category chapters
NFR 1 - Energy	4,982	4,825	-0,16	-3,15%	sub-category chapters
2.D.3.g	NA	NA	#WERT!	#WERT!	here
2.D.3.h	NA	NA	#WERT!	#WERT!	here
2.D.3.i	NA	NA	#WERT!	#WERT!	here
2.G	0,06	NA	-0,06	-100%	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	NA	NA	#WERT!	#WERT!	here
2.K	NE	NE	#WERT!	#WERT!	here
2.L	NA	NA	#WERT!	#WERT!	here
NFR 3 - Agriculture	NA				
NFR 5 - Waste	0,03	0,03	0,00	0,00%	
NFR 6 - Other	NA				