Recalculations - 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 (-2.45 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 2018 (-2.67 t | -30.6 %)** 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 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

	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.d ii	0,0195	0,0184	-0,0011	-5,68%	here
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.b	0,000	0,000	0,00	2,89%	here
NFR 2 - IPPU	**3,7337**	**1,2161**	**-2,52**	**-67,43%**	**sub-category chapters**
2.C.7.a	3,32	0,87	-2,45	-73,93%	here
2.G	0,06	NA	-0,06	-100%	here
NFR 3 - Agriculture	**NA**				
NFR 5 - Waste	**0,03**	**0,03**	**0,00**	**0,00%**	
NFR 6 - Other	**NA**				