

## Recalculations - Arsenic (As)

The marginal changes in the **National Total reported for 1990 (+0.07 t | +0.08 %)** are dominated by revisions in NFRs **1.A.3.d ii** (-0.15 kt | -71 %) and **2.A.3** (+0.21 kt | +286 %). In addition, several rather negligible revisions occur throughout NFR 1.

However, the strongest percental change occurs in NFR **1.A.3.c with plus 500%**.

Table 1: Changes of emission estimates for 1990

NFR Sector	Submission 2021	Submission 2022	Difference		Reasoning
	[t]			relative	
<b>NATIONAL TOTAL</b>	<b>85,85</b>	<b>85,92</b>	<b>0,07</b>	<b>0,08%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>82,50</b>	<b>82,37</b>	<b>-0,14</b>	<b>-0,17%</b>	sub-category chapters
1.A.3.a i(i)	0,0000002	0,0000001	-0,0000001	-33,33%	<a href="#">here</a>
1.A.3.a ii(i)	0,0000003	0,0000002	-0,0000001	-33,33%	<a href="#">here</a>
1.A.3.c	0,002	0,014	0,011	500%	<a href="#">here</a>
1.A.3.d ii	0,21	0,06	-0,15	-71,20%	<a href="#">here</a>
1.A.4.b ii	0,00001478	0,00001478	-0,00000001	-0,04%	<a href="#">here</a>
1.A.4.c iii	0,00	0,00	0,00	-20,39%	<a href="#">here</a>
1.A.5.b	0,001	0,003	0,002	181%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>3,32</b>	<b>3,52</b>	<b>0,21</b>	<b>6,23%</b>	sub-category chapters
2.A.3	0,07	0,28	0,21	286%	<a href="#">here</a>
2.D.3.g	NA	0,0002	0,0002		<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0,03</b>	<b>0,03</b>	<b>0,00</b>	<b>0,00%</b>	
<b>NFR 6 - Other</b>	<b>NA</b>				

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

NFR Sector	Submission 2020	Submission 2021	Difference		Reasoning
	[t]			relative	
<b>NATIONAL TOTAL</b>	<b>8,747</b>	<b>6,072</b>	<b>-2,67</b>	<b>-30,58%</b>	sub-category chapters
<b>NFR 1 - Energy</b>	<b>4,982</b>	<b>4,825</b>	<b>-0,16</b>	<b>-3,15%</b>	sub-category chapters
1.A.1.a	2,488	2,503	0,01	0,59%	<a href="#">here</a>
1.A.1.b	1,062	0,937	-0,12	-11,77%	<a href="#">here</a>
1.A.1.c	0,006	0,007	0,000	7,51%	<a href="#">here</a>
1.A.2.g vii	0,00012	0,00013	0,00001	6,12%	<a href="#">here</a>
1.A.2.g viii	0,212	0,209	-0,003	-1,31%	<a href="#">here</a>
1.A.3.a i(i)	NE	0,0000001	0,0000001		<a href="#">here</a>
1.A.3.a ii(i)	0,0000003	0,0000002	-0,0000001	-36,34%	<a href="#">here</a>
1.A.3.b i	0,0063	0,0064	0,0001	0,83%	<a href="#">here</a>
1.A.3.b ii	0,000400	0,000402	0,000002	0,46%	<a href="#">here</a>
1.A.3.b iii	0,00153	0,00148	-0,00005	-3,34%	<a href="#">here</a>
1.A.3.b iv	0,000129	0,000128	-0,000002	-1,19%	<a href="#">here</a>
1.A.3.b vi	0,5574	0,5566	-0,0008	-0,14%	<a href="#">here</a>
1.A.3.b vii	0,0402	0,0401	-0,0001	-0,28%	<a href="#">here</a>
1.A.3.c	0,001309	0,001305	-0,000004	-0,29%	<a href="#">here</a>
1.A.3.d ii	0,0195	0,0184	-0,0011	-5,68%	<a href="#">here</a>
1.A.4.a i	0,41	0,36	-0,05	-11,92%	<a href="#">here</a>
1.A.4.a ii	0,000017	0,000014	-0,000003	-15,33%	<a href="#">here</a>
1.A.4.b i	0,172	0,179	0,006	3,76%	<a href="#">here</a>
1.A.4.b ii	0,00002916	0,00002917	0,00000001	0,02%	<a href="#">here</a>
1.A.4.c i	0,0012	0,0013	0,0001	5,86%	<a href="#">here</a>

	Submission 2020	Submission 2021	Difference		Reasoning
<b>NFR Sector</b>	<b>[t]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>8,747</b>	<b>6,072</b>	<b>-2,67</b>	<b>-30,58%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>4,982</b>	<b>4,825</b>	<b>-0,16</b>	<b>-3,15%</b>	<b>sub-category chapters</b>
1.A.4.c ii	0,000146	0,000142	-0,000003	-2,24%	<a href="#">here</a>
1.A.4.c iii	0,0023	0,0024	0,0001	3,03%	<a href="#">here</a>
1.A.5.b	0,000	0,000	0,00	2,89%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>3,7337</b>	<b>1,2161</b>	<b>-2,52</b>	<b>-67,43%</b>	<b>sub-category chapters</b>
2.C.7.a	3,32	0,87	-2,45	-73,93%	<a href="#">here</a>
2.G	0,06	NA	-0,06	-100%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0,03</b>	<b>0,03</b>	<b>0,00</b>	<b>0,00%</b>	
<b>NFR 6 - Other</b>	<b>NA</b>				