

# Recalculations - Selenium (Se)

## Revision of selenium emissions over time:



The negligibly small changes in the **National Total reported for 1990 (-0.0008 t | -0.01 %)** result from a variety of revisions in **NFR 1**.

Table 1: Changes in emission estimates for 1990

NFR Sector	Submission 2020	Submission 2021	Difference		Reasoning see description and reasoning in:
	[t]		absolute	relative	
<b>NATIONAL TOTAL</b>	<b>5,6619</b>	<b>5,6611</b>	<b>-0,0008</b>	<b>-0,01%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>2,0873</b>	<b>2,0865</b>	<b>-0,0008</b>	<b>-0,04%</b>	<b>sub-category chapters</b>
1.A.2.g vii	0,000117	0,000118	0,000002	1,55%	<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)	0,000011	0,000002	-0,000010	-84,90%	<a href="#">here</a>
1.A.3.b i	0,00645	0,00647	0,00002	0,23%	<a href="#">here</a>
1.A.3.b ii	0,00024	0,00019	-0,00005	-21,08%	<a href="#">here</a>
1.A.3.b iii	0,00101	0,00106	0,00004	4,14%	<a href="#">here</a>
1.A.3.b iv	0,00011	0,00010	-0,00001	-6,18%	<a href="#">here</a>
1.A.3.b vi	0,237	0,236	-0,001	-0,33%	<a href="#">here</a>
1.A.4.a ii	0,0000181	0,0000183	0,0000002	0,94%	<a href="#">here</a>
1.A.4.b ii	0,00	0,00	0,00	0,00%	<a href="#">here</a>
1.A.4.c ii	0,006596	0,006594	-0,000002	-0,03%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>3,57</b>	<b>3,57</b>	<b>0,00</b>	<b>0,00%</b>	
<b>NFR 3 - Agriculture</b>		<b>NA</b>			
<b>NFR 5 - Waste</b>		<b>NA</b>			
<b>NFR 6 - Other</b>		<b>NA</b>			

The negligibly small changes in the **National Total reported for 2018 (-0.01 t | -0.15 %)** result from a variety of revision in **NFR 1**.

Table 1: Changes in emission estimates for 2018

NFR Sector	Submission 2020	Submission 2021	Difference		Reasoning see description and reasoning in:
	[t]		absolute	relative	
<b>NATIONAL TOTAL</b>	<b>7,209</b>	<b>7,199</b>	<b>-0,011</b>	<b>-0,15%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>1,358</b>	<b>1,369</b>	<b>0,011</b>	<b>0,80%</b>	<b>sub-category chapters</b>
1.A.1.a	0,105	0,106	0,001	1,42%	<a href="#">here</a>
1.A.1.b	0,83	0,84	0,01	1,13%	<a href="#">here</a>
1.A.2.g vii	0,00011	0,00012	0,00001	6,85%	<a href="#">here</a>
1.A.2.g viii	0,0190	0,0185	-0,0005	-2,43%	<a href="#">here</a>
1.A.3.a i(i)	NE	0,00000006	0,00000006		<a href="#">here</a>
1.A.3.a ii(i)	0,0000018	0,0000011	-0,0000006	-36,34%	<a href="#">here</a>
1.A.3.b i	0,00471	0,00476	0,00005	1,08%	<a href="#">here</a>
1.A.3.b ii	0,000384	0,000387	0,000003	0,73%	<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	0,000086	0,000085	-0,000001	-1,19%	<a href="#">here</a>
1.A.3.b vi	0,3436	0,3432	-0,0004	-0,12%	<a href="#">here</a>
1.A.3.c	0,0026	0,0022	-0,0004	-14,01%	<a href="#">here</a>
1.A.3.d ii	0,0399	0,0408	0,0008	2,10%	<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 ii	0,0021	0,0020	-0,0001	-4,72%	<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>7,209</b>	<b>7,199</b>	<b>-0,011</b>	<b>-0,15%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>1,358</b>	<b>1,369</b>	<b>0,011</b>	<b>0,80%</b>	<b>sub-category chapters</b>
1.A.4.c ii	0,0036	0,0039	0,0003	8,87%	<a href="#">here</a>
1.A.4.c iii	0,0057	0,0059	0,0002	3,03%	<a href="#">here</a>
1.A.5.b	0,00100	0,00103	0,00003	2,99%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>5,85</b>	<b>5,83</b>	<b>-0,02</b>	<b>-0,37%</b>	<b>sub-category chapters</b>
2.A.3	5,65	5,63	-0,02	-0,38%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>NA</b>				
<b>NFR 6 - Other</b>	<b>NA</b>				