

## Recalculations - Selenium (Se)

The small changes in the **National Total** reported for **1990 (+0.07 t or +1.17 %)** result from a variety of revisions in **NFRs 1 and 2**.

Table 1: Changes in emission estimates for 1990

NFR Sector	Submission 2021	Submission 2022	Difference		Reasoning
	[t]			relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>5,66</b>	<b>5,73</b>	<b>0,07</b>	<b>1,17%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>2,09</b>	<b>2,03</b>	<b>-0,06</b>	<b>-2,86%</b>	<b>sub-category chapters</b>
1.A.3.a i(i)	0,00000012	0,00000008	-0,00000004	-33,33%	<a href="#">here</a>
1.A.3.a ii(i)	0,0000017	0,0000011	-0,0000006	-33,33%	<a href="#">here</a>
1.A.3.d ii	0,10	0,04	-0,06	-56,59%	<a href="#">here</a>
1.A.4.b ii	0,0033	0,0034	0,0001	2,79%	<a href="#">here</a>
1.A.4.c iii	0,002	0,001	-0,001	-50,40%	<a href="#">here</a>
1.A.5.b	0,0024	0,0018	-0,0006	-25,35%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>3,5746</b>	<b>3,7003</b>	<b>0,1258</b>	<b>3,52%</b>	<b>sub-category chapters</b>
2.A.3	3,4134	3,5407	0,1273	3,73%	<a href="#">here</a>
2.D.3.g	NA	0,00016	0,00016		<a href="#">here</a>
2.G	0,1612	0,1595	-0,0017	-1,03%	<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>			

The remarkably strong changes in the **National Total** reported for **2019 (-4.37 t or -60.29 %)** result almost entirely from a revision in **NFR 2.A.3 with minus -4.39 t**.

However, the

Table 2: Changes in emission estimates for 2019

NFR Sector	Submission 2021	Submission 2022	Difference		Reasoning
	[t]			relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>7,26</b>	<b>2,88</b>	<b>-4,37</b>	<b>-60,29%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>1,36</b>	<b>1,35</b>	<b>-0,01</b>	<b>-0,81%</b>	<b>sub-category chapters</b>
1.A.1.a	0,083	0,085	0,002	2,05%	<a href="#">here</a>
1.A.1.b	0,857	0,856	-0,001	-0,09%	<a href="#">here</a>
1.A.2.g vii	0,0001221	0,0001220	-0,0000001	-0,06%	<a href="#">here</a>
1.A.2.g viii	0,018	0,017	-0,001	-7,66%	<a href="#">here</a>
1.A.3.a i(i)	0,00000005	0,00000001	-0,00000004	-83,52%	<a href="#">here</a>
1.A.3.a ii(i)	0,0000011	0,0000002	-0,0000009	-83,69%	<a href="#">here</a>
1.A.3.b i	0,004783	0,004786	0,000003	0,06%	<a href="#">here</a>
1.A.3.b ii	0,000400	0,000396	-0,000004	-1,10%	<a href="#">here</a>
1.A.3.b iii	0,001506	0,001504	-0,000002	-0,15%	<a href="#">here</a>
1.A.3.b iv	0,000086	0,000085	-0,000001	-1,10%	<a href="#">here</a>
1.A.3.c	0,0022	0,0025	0,0003	12,76%	<a href="#">here</a>
1.A.3.d ii	0,04	0,03	-0,01	-25,88%	<a href="#">here</a>
1.A.4.a ii	0,00001420	0,00001423	0,00000003	0,18%	<a href="#">here</a>
1.A.4.b ii	0,00200	0,00203	0,00004	1,87%	<a href="#">here</a>
1.A.4.c ii	0,00392	0,00385	-0,00007	-1,77%	<a href="#">here</a>
1.A.4.c iii	0,0012	0,0007	-0,0004	-37,07%	<a href="#">here</a>
1.A.5.b	0,0013	0,0004	-0,0009	-69,98%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>5,90</b>	<b>1,53</b>	<b>-4,36</b>	<b>-73,98%</b>	<b>sub-category chapters</b>
2.A.3	5,70	1,31	-4,39	-77,03%	<a href="#">here</a>
2.D.3.g	NA	0,0002	0,0002		<a href="#">here</a>

2.G	0,202	0,226	0,024	12,10%	<a href="#">here</a>
NFR 3 - Agriculture	0,00	0,00	0,000	#DIV/0!	sub-category chapters
NFR 5 - Waste	0,00	0,00	0,000	#DIV/0!	sub-category chapters
NFR 6 - Other	0,00	0,00	0,000	#DIV/0!	