

# Recalculations - Selenium (Se)

With negligibly small changes within NFRs 1 and 2 and re-allocations in sub-categories of 1.A.3.b, the **1990 National Total remains unaltered** compared to last year's submission.

However, the strongest percental change occurs in NFR **1.A.3.b ii with plus 25 %**.

Table 1: Changes in emission estimates for 1990

NFR Sector	Submission 2022	Submission 2023	Difference		Reasoning
	[t]			relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>5,73</b>	<b>5,73</b>	<b>0,00</b>	<b>0,00%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>2,03</b>	<b>2,03</b>	<b>0,00</b>	<b>0,00%</b>	<b>sub-category chapters</b>
1.A.2.g vii	0,0001184	0,0001186	0,0000002	0,17%	<a href="#">here</a>
1.A.3.b i	0,006468	0,006470	0,000001	0,02%	<a href="#">here</a>
1.A.3.b ii	0,000189	0,000236	0,000047	24,90%	<a href="#">here</a>
1.A.3.b iii	0,001056	0,001005	-0,000051	-4,87%	<a href="#">here</a>
1.A.3.b iv	0,000100	0,000103	0,000003	2,99%	<a href="#">here</a>
1.A.4.a ii	0,00001827	0,00001825	-0,00000002	-0,09%	<a href="#">here</a>
1.A.4.b ii	0,003360	0,003360	0,000001	0,02%	<a href="#">here</a>
1.A.4.c ii	0,0065939	0,0065934	-0,0000005	-0,01%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>3,70</b>	<b>3,70</b>	<b>0,00</b>	<b>0,00%</b>	<b>sub-category chapters</b>
2.G	0,15950	0,15948	-0,00002	-0,01%	<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 small changes in the **National Total** reported for **2020 (+0.018 t or +0.66 %)** result from a **variety of revisions throughout NFRs 1 and 2** with the most **dominant changes occurring for NFRs 1.A.1.b and 1.A.2.g viii**.

Table 2: Changes in emission estimates for 2020

NFR Sector	Submission 2022	Submission 2023	Difference		Reasoning
	[t]			relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>2,6506</b>	<b>2,6682</b>	<b>0,0176</b>	<b>0,66%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>1,1901</b>	<b>1,2045</b>	<b>0,0143</b>	<b>1,20%</b>	<b>sub-category chapters</b>
1.A.1.a	0,069	0,068	-0,001	-1,93%	<a href="#">here</a>
1.A.1.b	0,76	0,77	0,01	1,42%	<a href="#">here</a>
1.A.2.g vii	0,000127	0,000132	0,000005	4,09%	<a href="#">here</a>
1.A.2.g viii	0,014	0,021	0,006	44,75%	<a href="#">here</a>
1.A.3.a i(i)	0,00000000441	0,00000000439	-0,00000000002	-0,42%	<a href="#">here</a>
1.A.3.a ii(i)	0,00000011377	0,00000011381	0,00000000004	0,03%	<a href="#">here</a>
1.A.3.b i	0,004232	0,004237	0,000005	0,12%	<a href="#">here</a>
1.A.3.b ii	0,000389	0,000400	0,000011	2,70%	<a href="#">here</a>
1.A.3.b iii	0,0015	0,0005	-0,0010	-65,91%	<a href="#">here</a>
1.A.3.b iv	0,000087	0,000088	0,000001	1,11%	<a href="#">here</a>
1.A.3.b vi	0,3090	0,3074	-0,002	-0,50%	<a href="#">here</a>
1.A.3.c	0,0024	0,0025	0,0001	6,28%	<a href="#">here</a>
1.A.4.a ii	0,0000145	0,0000147	0,0000001	0,89%	<a href="#">here</a>
1.A.4.b ii	0,0019	0,0015	-0,0004	-21,39%	<a href="#">here</a>
1.A.4.c ii	0,005	0,006	0,001	24,99%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>1,4605</b>	<b>1,4637</b>	<b>0,0032</b>	<b>0,22%</b>	<b>sub-category chapters</b>
2.A.3	1,2586	1,2624	0,0039	0,31%	<a href="#">here</a>
2.G	0,2017	0,2011	-0,0006	-0,31%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>NA</b>				

	Submission 2022	Submission 2023	Difference		Reasoning
<b>NFR Sector</b>	[t]			relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	2,6506	2,6682	0,0176	0,66%	sub-category chapters
<b>NFR 1 - Energy</b>	1,1901	1,2045	0,0143	1,20%	sub-category chapters
<b>NFR 6 - Other</b>	NA				