

## 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>	<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>
<b>NFR 6 - Other</b>	NA				
	Submission 2021	Submission 2022	Difference		Reasoning
<b>NFR Sector</b>	[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>
<b>NFR 3 - Agriculture</b>	NA				
<b>NFR 5 - Waste</b>	NA				
<b>NFR 6 - Other</b>	NA				