

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: |
| NATIONAL TOTAL | 5,73 | 5,73 | 0,00 | 0,00% | sub-category chapters |
| NFR 1 - Energy | 2,03 | 2,03 | 0,00 | 0,00% | sub-category chapters |
| 1.A.2.g vii | 0,0001184 | 0,0001186 | 0,0000002 | 0,17% | here |
| 1.A.3.b i | 0,006468 | 0,006470 | 0,000001 | 0,02% | here |
| 1.A.3.b ii | 0,000189 | 0,000236 | 0,000047 | 24,90% | here |
| 1.A.3.b iii | 0,001056 | 0,001005 | -0,000051 | -4,87% | here |
| 1.A.3.b iv | 0,000100 | 0,000103 | 0,000003 | 2,99% | here |
| 1.A.4.a ii | 0,00001827 | 0,00001825 | -0,00000002 | -0,09% | here |
| 1.A.4.b ii | 0,003360 | 0,003360 | 0,000001 | 0,02% | here |
| 1.A.4.c ii | 0,0065939 | 0,0065934 | -0,0000005 | -0,01% | here |
| NFR 2 - IPPU | 3,70 | 3,70 | 0,00 | 0,00% | sub-category chapters |
| 2.G | 0,15950 | 0,15948 | -0,00002 | -0,01% | here |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | NA | | | | |
| NFR 6 - Other | NA | | | | |

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: |
| NATIONAL TOTAL | 2,6506 | 2,6682 | 0,0176 | 0,66% | sub-category chapters |
| NFR 1 - Energy | 1,1901 | 1,2045 | 0,0143 | 1,20% | sub-category chapters |
| 1.A.1.a | 0,069 | 0,068 | -0,001 | -1,93% | here |
| 1.A.1.b | 0,76 | 0,77 | 0,01 | 1,42% | here |
| 1.A.2.g vii | 0,000127 | 0,000132 | 0,000005 | 4,09% | here |
| 1.A.2.g viii | 0,014 | 0,021 | 0,006 | 44,75% | here |
| 1.A.3.a i(i) | 0,00000000441 | 0,00000000439 | -0,00000000002 | -0,42% | here |
| 1.A.3.a ii(i) | 0,00000011377 | 0,00000011381 | 0,00000000004 | 0,03% | here |
| 1.A.3.b i | 0,004232 | 0,004237 | 0,000005 | 0,12% | here |
| 1.A.3.b ii | 0,000389 | 0,000400 | 0,000011 | 2,70% | here |
| 1.A.3.b iii | 0,001 | 0,000 | -0,001 | -65,91% | here |
| 1.A.3.b iv | 0,000087 | 0,000088 | 0,000001 | 1,11% | here |
| 1.A.3.b vi | 0,3090 | 0,3074 | -0,002 | -0,50% | here |
| 1.A.3.c | 0,0024 | 0,0025 | 0,0001 | 6,28% | here |
| 1.A.4.a ii | 0,0000145 | 0,0000147 | 0,0000001 | 0,89% | here |
| 1.A.4.b ii | 0,0019 | 0,0015 | -0,0004 | -21,39% | here |
| 1.A.4.c ii | 0,005 | 0,006 | 0,001 | 24,99% | here |
| NFR 2 - IPPU | 1,4605 | 1,4637 | 0,0032 | 0,22% | sub-category chapters |
| 2.A.3 | 1,2586 | 1,2624 | 0,0039 | 0,31% | here |
| 2.G | 0,2017 | 0,2011 | -0,0006 | -0,31% | here |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | NA | | | | |

| | Submission 2022 | Submission 2023 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|---------------|-----------------|--|
| NFR Sector | [t] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 2,6506 | 2,6682 | 0,0176 | 0,66% | sub-category chapters |
| NFR 1 - Energy | 1,1901 | 1,2045 | 0,0143 | 1,20% | sub-category chapters |
| NFR 6 - Other | NA | | | | |
| | Submission 2021 | Submission 2022 | Difference | | Reasoning |
| NFR Sector | [t] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 7,26 | 2,88 | -4,37 | -60,29% | sub-category chapters |
| NFR 1 - Energy | 1,36 | 1,35 | -0,01 | -0,81% | sub-category chapters |
| 1.A.1.a | 0,083 | 0,085 | 0,002 | 2,05% | here |
| 1.A.1.b | 0,857 | 0,856 | -0,001 | -0,09% | here |
| 1.A.2.g vii | 0,0001221 | 0,0001220 | -0,0000001 | -0,06% | here |
| 1.A.2.g viii | 0,018 | 0,017 | -0,001 | -7,66% | here |
| 1.A.3.a i(i) | 0,00000005 | 0,00000001 | -0,00000004 | -83,52% | here |
| 1.A.3.a ii(i) | 0,0000011 | 0,0000002 | -0,0000009 | -83,69% | here |
| 1.A.3.b i | 0,004783 | 0,004786 | 0,000003 | 0,06% | here |
| 1.A.3.b ii | 0,000400 | 0,000396 | -0,000004 | -1,10% | here |
| 1.A.3.b iii | 0,001506 | 0,001504 | -0,000002 | -0,15% | here |
| 1.A.3.b iv | 0,000086 | 0,000085 | -0,000001 | -1,10% | here |
| 1.A.3.c | 0,0022 | 0,0025 | 0,0003 | 12,76% | here |
| 1.A.3.d ii | 0,04 | 0,03 | -0,01 | -25,88% | here |
| 1.A.4.a ii | 0,00001420 | 0,00001423 | 0,00000003 | 0,18% | here |
| 1.A.4.b ii | 0,00200 | 0,00203 | 0,00004 | 1,87% | here |
| 1.A.4.c ii | 0,00392 | 0,00385 | -0,00007 | -1,77% | here |
| 1.A.4.c iii | 0,0012 | 0,0007 | -0,0004 | -37,07% | here |
| 1.A.5.b | 0,0013 | 0,0004 | -0,0009 | -69,98% | here |
| NFR 2 - IPPU | 5,90 | 1,53 | -4,36 | -73,98% | sub-category chapters |
| 2.A.3 | 5,70 | 1,31 | <u>-4,39</u> | -77,03% | here |
| 2.D.3.g | NA | 0,0002 | 0,0002 | | here |
| 2.G | 0,202 | 0,226 | 0,024 | 12,10% | here |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | NA | | | | |
| NFR 6 - Other | NA | | | | |