

Recalculations - Selenium (Se)

The marginally small changes within the **1990 National Total (+0.00005 t or +0.001 %)** result from a variety of revisions throughout NFRS 1 and 2 - with the strongest percental change occurring in **NFR 1.A.3.a i(i) with minus 62 %**.

Table 1: Changes in emission estimates for 1990

| NFR Sector | Submission 2023 | Submission 2024 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|----------------|----------------|--|
| | [t] | | | relative | |
| NATIONAL TOTAL | 5,72714 | 5,72720 | 0,00005 | 0,001% | see description and reasoning in: sub-category chapters |
| NFR 1 - Energy | 2,02684 | 2,02687 | 0,00003 | 0,002% | sub-category chapters |
| 1.A.2.g vii | 0,00012 | 0,00009 | -0,00003 | -27,8% | here |
| 1.A.3.a i(i) | 0,00000008 | 0,00000003 | -0,00000005 | -62,4% | here |
| 1.A.3.a ii(i) | 0,0000011 | 0,0000012 | 0,0000001 | 7,61% | here |
| 1.A.3.c | 0,00895 | 0,00899 | 0,00003 | 0,38% | here |
| 1.A.4.a ii | 0,000018 | 0,000016 | -0,000002 | -12,7% | here |
| 1.A.4.c ii | 0,00659 | 0,00663 | 0,00004 | 0,54% | here |
| NFR 2 - IPPU | 3,70031 | 3,70032 | 0,00002 | 0,0004% | sub-category chapters |
| 2.G | 0,15948 | 0,15949 | 0,00002 | 0,01% | here |
| NFR 3 - Agriculture | 0,00 | 0,00 | 0,00 | | |
| NFR 5 - Waste | 0,00 | 0,00 | 0,00 | | |
| NFR 6 - Other | 0,00 | 0,00 | 0,00 | | |

The significant changes within the **National Total** reported for **2021 (+5.80 t or +4.43 %)** are dominated by revisions in **NFR sub-categories 1.A.1.b (+2.89 t) and 1.A.3.c (3.18 t)** together with a **variety of revisions throughout NFRs 1 and 2**.

The significant percental change occurring in NFR 1.A.3.b iii (+130 %) results from a correction of erroneous data reported with the previous submission.

Table 2: Changes in emission estimates for 2021

| NFR Sector | Submission 2023 | Submission 2024 | Difference | | Reasoning |
|-----------------------|-------------------|-----------------|---------------|---------------|--|
| | [t] | | | relative | |
| NATIONAL TOTAL | 2,767 | 2,764 | -0,003 | -0,10% | see description and reasoning in: sub-category chapters |
| NFR 1 - Energy | 1,264 | 1,258 | -0,007 | -0,52% | sub-category chapters |
| 1.A.1.a | 0,0788 | 0,0783 | -0,0005 | -0,58% | here |
| 1.A.1.b | 0,815 | 0,806 | -0,009 | -1,07% | here |
| 1.A.2.g vii | 0,00013 | 0,00010 | -0,00004 | -27,0% | here |
| 1.A.2.g viii | 0,0196 | 0,0188 | -0,0008 | -4,25% | here |
| 1.A.3.a i(i) | 0,000000012 | 0,000000011 | -0,000000001 | -5,24% | here |
| 1.A.3.a ii(i) | 0,0000001468 | 0,0000001469 | 0,0000000001 | 0,07% | here |
| 1.A.3.b i | 0,004284 | 0,004267 | -0,000016 | -0,38% | here |
| 1.A.3.b ii | 0,00044 | 0,00043 | -0,00001 | -1,74% | here |
| 1.A.3.b iii | 0,0006 | 0,0014 | 0,0008 | 130% | here |
| 1.A.3.b iv | 0,0000801 | 0,0000809 | 0,0000008 | 1,02% | here |
| 1.A.3.b v | NA | NA | #WERT! | #WERT! | here |
| 1.A.3.b vi | 0,3101 | | | | here |
| 1.A.3.b vii | NE | | | | here |
| 1.A.3.c | 0,00257933 | | | | here |
| 1.A.3.d i(ii) | IE | IE | #WERT! | #WERT! | |
| 1.A.3.d ii | 0,0242 | 0,0246 | 0,0004 | 1,46% | here |
| 1.A.3.e i | NA | NA | #WERT! | #WERT! | 1.A.3.e i - Pipeline Transport] |
| 1.A.3.e ii | NA | NA | #WERT! | #WERT! | 1.A.3.e ii - Other Transport: Other] |
| 1.A.4.a i | NE | NE | #WERT! | #WERT! | here |

| | Submission 2023 | Submission 2024 | Difference | | Reasoning |
|-----------------------|-----------------|-----------------|---------------|-----------------|--|
| NFR Sector | | [t] | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 2,767 | 2,764 | -0,003 | -0,10% | sub-category chapters |
| NFR 1 - Energy | 1,264 | 1,258 | -0,007 | -0,52% | sub-category chapters |
| 1.A.4.a ii | 0,000014 | 0,000015 | 0,000001 | 6,02% | here |
| 1.A.4.b i | NE | NE | #WERT! | #WERT! | here |
| 1.A.4.b ii | 0,00148 | 0,00155 | 0,00007 | 4,60% | here |
| 1.A.4.c i | NE | NE | #WERT! | #WERT! | here |
| 1.A.4.c ii | 0,006 | 0,008 | 0,002 | 31,51% | here |
| 1.A.4.c iii | 0,0006171 | 0,0006171 | 0,0000000 | 0,00% | here |
| 1.A.5.a | NE | NE | #WERT! | #WERT! | here |
| 1.A.5.b | 0,000284458 | 0,000284459 | 0,000000001 | 0,001% | here |
| NFR 2 - IPPU | 1,50228 | 1,50616 | 0,00388 | 0,26% | sub-category chapters |
| 2.A.3 | 1,30332 | 1,30345 | 0,00013 | 0,01% | here |
| 2.G | 0,19876 | 0,20251 | 0,00374 | 1,88% | here |
| NFR 3 - Agriculture | 0,0000000 | 0,0000000 | 0,0000000 | #DIV/0! | sub-category chapters |
| NFR 5 - Waste | 0,0000000 | 0,0000000 | 0,0000000 | #DIV/0! | sub-category chapters |
| NFR 6 - Other | 0,0000000 | 0,0000000 | 0,0000000 | #DIV/0! | |