

Recalculations - Nickel (Ni)

The changes in the **National Total** reported for **1990 (-6.83 t or -2 %)** are dominated by a revision in **NFR 1.A.3.d ii with -6.97 t**.

However, the strongest percental change occurs for **NFR 1.A.5.b with plus 441 %**.

Table 1: Changes in emission estimates for 1990

| | Submission 2021 | Submission 2022 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|--------------|---------------|-----------------------------------|
| NFR Sector | [t] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 339,57 | 332,74 | -6,83 | -2,01% | sub-category chapters |
| NFR 1 - Energy | 311,98 | 305,13 | -6,85 | -2,20% | sub-category chapters |
| 1.A.3.a i(i) | 0,0000014 | 0,0000009 | -0,0000005 | -33,33% | here |
| 1.A.3.a ii(i) | 0,000019 | 0,000013 | -0,000006 | -33,33% | here |
| 1.A.3.c | 55,24 | 55,26 | 0,02 | 0,04% | here |
| 1.A.3.d ii | 9,70 | 2,73 | -6,97 | -71,89% | here |
| 1.A.4.b ii | 0,023 | 0,024 | 0,001 | 2,78% | here |
| 1.A.4.c iii | 0,035 | 0,034 | -0,002 | -5,19% | here |
| 1.A.5.b | 0,02 | 0,13 | 0,11 | 441% | here |
| NFR 2 - IPPU | 27,59 | 27,61 | 0,02 | 0,07% | sub-category chapters |
| 2.A.3 | 0,06 | 0,08 | 0,03 | 43,63% | here |
| 2.D.3.g | NA | 0,01 | 0,01 | | here |
| 2.G | 1,59 | 1,58 | -0,01 | -0,73% | here |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | NA | | | | |
| NFR 6 - Other | NA | | | | |

The changes in the **National Total** reported for **2019 (-8.6 t or -5.5 %)** are dominated by revisions in **NFRs 1.A.1.b with -7.15 t and 2.G with -1.7 t** together with more or less significant revisions throughout NFRs 1 and 2.

Table 2: Changes in emission estimates for 2019

| | Submission 2021 | Submission 2022 | Difference | | Reasoning |
|-----------------------|-----------------|-----------------|--------------|---------------|-----------------------------------|
| NFR Sector | [t] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 138,99 | 137,54 | -1,45 | -1,04% | sub-category chapters |
| NFR 1 - Energy | 131,33 | 129,72 | -1,61 | -1,22% | sub-category chapters |
| 1.A.1.a | 3,40 | 3,34 | -0,06 | -1,91% | here |
| 1.A.1.b | 76,00 | 74,53 | -1,46 | -1,93% | here |
| 1.A.1.c | 0,031 | 0,030 | -0,001 | -2,36% | here |
| 1.A.2.g vii | 0,000380 | 0,000378 | -0,000003 | -0,70% | here |
| 1.A.2.g viii | 2,457 | 2,459 | 0,002 | 0,07% | here |
| 1.A.3.a i(i) | 0,0000006 | 0,0000001 | -0,0000005 | -83,52% | here |
| 1.A.3.a ii(i) | 0,000012 | 0,000002 | -0,000010 | -83,69% | here |
| 1.A.3.b i | 0,04035 | 0,04037 | 0,00001 | 0,03% | here |
| 1.A.3.b ii | 0,001107 | 0,001095 | -0,000012 | -1,10% | here |
| 1.A.3.b iii | 0,003074 | 0,003070 | -0,000004 | -0,15% | here |
| 1.A.3.b iv | 0,00099 | 0,00098 | -0,00001 | -1,10% | here |
| 1.A.3.c | 44,772 | 44,774 | 0,002 | 0,01% | here |
| 1.A.3.d ii | 0,62 | 0,55 | -0,07 | -11,17% | here |
| 1.A.4.a ii | 0,0000284 | 0,0000285 | 0,0000001 | 0,18% | here |
| 1.A.4.b i | 0,468 | 0,469 | 0,001 | 0,29% | here |
| 1.A.4.b ii | 0,0141 | 0,0144 | 0,0003 | 1,88% | here |
| 1.A.4.c ii | 0,0269 | 0,0264 | -0,0005 | -1,82% | here |
| 1.A.4.c iii | 0,0119 | 0,0075 | -0,0044 | -37,07% | here |
| 1.A.5.b | 0,0131 | 0,0039 | -0,01 | -69,92% | here |

| | | | | | |
|---------------------|--------|--------|-------|---------|-----------------------|
| NFR 2 - IPPU | 7,66 | 7,82 | 0,16 | 2,10% | sub-category chapters |
| 2.A.3 | 0,0573 | 0,0393 | -0,02 | -31,43% | here |
| 2.D.3.g | NA | 0,01 | 0,01 | | here |
| 2.G | 1,73 | 1,90 | 0,17 | 9,91% | here |
| NFR 3 - Agriculture | 0,00 | 0,00 | 0,00 | #DIV/0! | sub-category chapters |
| NFR 5 - Waste | 0,00 | 0,00 | 0,00 | #DIV/0! | sub-category chapters |
| NFR 6 - Other | 0,00 | 0,00 | 0,00 | #DIV/0! | |