

Recalculations - Zinc (Zn)

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] | | absolute | relative | |
| NATIONAL TOTAL | 474,15 | 474,15 | 0,00 | 0,00% | see description and reasoning in: sub-category chapters |
| NFR 1 - Energy | 387,46 | 387,46 | 0,00 | 0,00% | sub-category chapters |
| 1.A.2.g vii | 0,02122 | 0,02126 | 0,00004 | 0,17% | here |
| 1.A.3.b i | 1,0758 | 1,0766 | 0,0008 | 0,08% | here |
| 1.A.3.b ii | 0,0321 | 0,0402 | 0,0080 | 25,01% | here |
| 1.A.3.b iii | 0,1924 | 0,1830 | -0,0094 | -4,87% | here |
| 1.A.3.b iv | 0,0164 | 0,0169 | 0,0005 | 2,99% | here |
| 1.A.4.a ii | 0,003288 | 0,003285 | -0,000003 | -0,09% | here |
| 1.A.4.b ii | 0,3338 | 0,3339 | 0,0001 | 0,02% | here |
| 1.A.4.c ii | 0,66532 | 0,66525 | -0,00006 | -0,01% | here |
| NFR 2 - IPPU | 86,69 | 86,69 | 0,00 | 0,00% | sub-category chapters |
| 2.G | 20,880 | 20,878 | -0,002 | -0,01% | here |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | NA | | | | |
| NFR 6 - Other | NA | | | | |

The small changes in the **National Total** reported for **2019 (+2.29 t or +0.78 %)** are dominated by a revision in NFR **2.G with plus 2.42 t** together with a variety of less significant revisions throughout **NFR 1**.

However, the most significant percental changes occur for **NFRs 1.A.3.a i(i) and 1.A.3.a ii(i) with minus 84 %**.

Table 2: Changes in emission estimates for 2019

| NFR Sector | Submission 2021 | Submission 2022 | Difference | | Reasoning |
|-----------------------|-----------------|-----------------|--------------|---------------|---|
| | [t] | | absolute | relative | |
| NATIONAL TOTAL | 294,75 | 297,04 | 2,29 | 0,78% | see description and reasoning in: sub-category chapters |
| NFR 1 - Energy | 239,60 | 239,48 | -0,13 | -0,05% | sub-category chapters |
| 1.A.1.a | 5,25 | 5,28 | 0,03 | 0,61% | here |
| 1.A.1.b | 3,22 | 3,13 | -0,09 | -2,81% | here |
| 1.A.1.c | 0,037 | 0,035 | -0,002 | -4,70% | here |
| 1.A.2.g vii | 0,02176 | 0,02175 | -0,00001 | -0,04% | here |
| 1.A.2.g viii | 0,51 | 0,47 | -0,04 | -7,59% | here |
| 1.A.3.a i(i) | 0,000008 | 0,000001 | -0,000007 | -83,52% | here |
| 1.A.3.a ii(i) | 0,00017 | 0,00003 | -0,00015 | -83,69% | here |
| 1.A.3.b i | 0,8145 | 0,8150 | 0,0005 | 0,06% | here |
| 1.A.3.b ii | 0,0723 | 0,0715 | -0,0008 | -1,10% | here |
| 1.A.3.b iii | 0,2741 | 0,2737 | -0,0004 | -0,15% | here |
| 1.A.3.b iv | 0,01421 | 0,01405 | -0,00016 | -1,10% | here |
| 1.A.3.c | 0,23 | 0,26 | 0,03 | 12,58% | here |
| 1.A.3.d ii | 0,58 | 0,54 | -0,04 | -6,64% | here |
| 1.A.4.a ii | 0,002557 | 0,002561 | 0,000005 | 0,18% | here |
| 1.A.4.b ii | 0,199 | 0,203 | 0,004 | 1,88% | here |
| 1.A.4.c ii | 0,40 | 0,39 | -0,01 | -1,72% | here |
| 1.A.4.c iii | 0,014 | 0,009 | -0,005 | -37,07% | here |
| 1.A.5.b | 0,018 | 0,007 | -0,011 | -62,86% | here |
| NFR 2 - IPPU | 55,14 | 57,56 | 2,42 | 4,39% | sub-category chapters |

| | Submission 2021 | Submission 2022 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|-----------------|--|------------------------------|
| NFR Sector | [t] | | relative | see description and reasoning in: | |
| NATIONAL TOTAL | 294,75 | 297,04 | 2,29 | 0,78% | sub-category chapters |
| NFR 1 - Energy | 239,60 | 239,48 | -0,13 | -0,05% | sub-category chapters |
| 2.G | 30,44 | 32,86 | <u>2,42</u> | 7,95% | here |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | NA | | | | |
| NFR 6 - Other | NA | | | | |