

Recalculations - Arsenic (As)

The negligibly small changes within the **1990 National Total (-0.002 t or -0.002 %)** are dominated by a **revision in NFR 5.E (-0.002 t)** together with a variety of much less significant changes throughout NFR 1.

Here, the strongest percental change occurs in NFR **1.A.3.a i(i) with minus 64 %**.

Table 1: Changes of emission estimates for 1990

| NFR Sector | Submission 2023 | Submission 2024 | Difference | | Reasoning see description and reasoning in: sub-category chapters |
|----------------------------|-------------------|-------------------|------------------|-------------------|---|
| | [t] | | | relative | |
| NATIONAL TOTAL | 85,919 | 85,917 | -0,002 | -0,002% | sub-category chapters |
| NFR 1 - Energy | 82,3658553 | 82,3658556 | 0,0000004 | 0,0000005% | sub-category chapters |
| 1.A.2.g vii | 0,00012 | 0,00009 | -0,00003 | -27,1% | here |
| 1.A.3.a i(i) | 0,0000001 | 0,0000000 | -0,0000001 | -62,4% | here |
| 1.A.3.a ii(i) | 0,0000017 | 0,0000018 | 0,0000001 | 7,61% | here |
| 1.A.3.c | 0,0135046 | 0,0135049 | 0,0000003 | 0,003% | here |
| 1.A.4.a ii | 0,000018 | 0,000016 | -0,000002 | -12,7% | here |
| 1.A.4.c ii | 0,00015 | 0,00019 | 0,00004 | 23,4% | here |
| NFR 2 - IPPU | 3,52 | 3,52 | 0,00 | 0,00% | |
| NFR 3 - Agriculture | 0,00 | 0,00 | 0,00 | | |
| NFR 5 - Waste | 0,030 | 0,028 | -0,002 | -5,96% | sub-category chapters |
| 5.E | 0,030 | 0,028 | -0,002 | -5,96% | here |
| NFR 6 - Other | 0,00 | 0,00 | 0,00 | | |

The changes within the **National Total** reported for **2021 (+0.08 t or +1.53 %)** result from a **variety of revisions throughout NFRs 1, 2 and 5**.

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 of emission estimates for 2021

| NFR Sector | Submission 2023 | Submission 2024 | Difference | | Reasoning see description and reasoning in: sub-category chapters |
|-----------------------|-----------------|-----------------|--------------|--------------|---|
| | [t] | | | relative | |
| NATIONAL TOTAL | 5,34 | 5,42 | 0,08 | 1,53% | sub-category chapters |
| NFR 1 - Energy | 4,26 | 4,34 | 0,08 | 1,96% | sub-category chapters |
| 1.A.1.a | 1,97 | 2,01 | 0,04 | 1,87% | here |
| 1.A.1.b | 0,87 | 0,92 | 0,04 | 5,11% | here |
| 1.A.1.c | 0,0053 | 0,0057 | 0,0004 | 6,67% | here |
| 1.A.2.g vii | 0,00014 | 0,00011 | -0,00003 | -23,0% | here |
| 1.A.2.g viii | 0,21 | 0,20 | -0,01 | -4,73% | here |
| 1.A.3.a i(i) | 0,000000017 | 0,000000017 | -0,000000001 | -5,24% | here |
| 1.A.3.a ii(i) | 0,0000002202 | 0,0000002203 | 0,0000000002 | 0,07% | here |
| 1.A.3.b i | 0,005752 | 0,005744 | -0,000009 | -0,15% | here |
| 1.A.3.b ii | 0,000454 | 0,000446 | -0,000007 | -1,63% | here |
| 1.A.3.b iii | 0,0006 | 0,0014 | 0,0008 | 130% | here |
| 1.A.3.b iv | 0,000120 | 0,000121 | 0,000001 | 1,02% | here |
| 1.A.3.b vi | 0,5071 | 0,5078 | 0,0007 | 0,14% | here |
| 1.A.3.b vii | 0,036765 | 0,036777 | 0,000013 | 0,03% | here |
| 1.A.3.c | 0,00125525 | 0,00125527 | 0,00000002 | 0,002% | here |
| 1.A.3.d ii | 0,014526 | 0,014530 | 0,000004 | 0,02% | here |
| 1.A.4.a i | 0,47 | 0,48 | 0,01 | 2,14% | here |
| 1.A.4.a ii | 0,000014 | 0,000015 | 0,000001 | 6,02% | here |
| 1.A.4.b i | 0,156809 | 0,156815 | 0,000006 | 0,004% | here |

| | Submission 2023 | Submission 2024 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|---------------|-----------------|--|
| NFR Sector | [t] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 5,34 | 5,42 | 0,08 | 1,53% | sub-category chapters |
| NFR 1 - Energy | 4,26 | 4,34 | 0,08 | 1,96% | sub-category chapters |
| 1.A.4.b ii | 0,000022 | 0,000023 | 0,000001 | 4,60% | here |
| 1.A.4.c i | 0,001102 | 0,001105 | 0,000003 | 0,27% | here |
| 1.A.4.c ii | 0,00016 | 0,00021 | 0,00005 | 29,3% | here |
| 1.A.5.b | 0,000124161 | 0,000124163 | 0,000000002 | 0,002% | here |
| NFR 2 - IPPU | 1,0507 | 1,0509 | 0,0002 | 0,02% | sub-category chapters |
| 2.A.3 | 0,1923 | 0,1926 | 0,0002 | 0,13% | here |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | 0,031 | 0,029 | -0,002 | -5,81% | sub-category chapters |
| 5.E | 0,031 | 0,029 | -0,002 | -5,81% | here |
| NFR 6 - Other | NA | | | | |