

Recalculations - Cadmium (Cd)

The atomically small changes within the **National Total** reported for **1990 (-0.001 t or -0.004 %)** result from a variety of revisions throughout NFRs 1.

The most significant percental change occurs for NFR **1.A.3.a i(i)** with minus 62 %.

Table 1: Changes of emission estimates 1990

| NFR Sector | Submission 2023 | Submission 2024 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|----------------|----------------|--|
| | [t] | | | relative | |
| NATIONAL TOTAL | 29,101 | 29,100 | -0,001 | -0,004% | see description and reasoning in: sub-category chapters |
| NFR 1 - Energy | 12,75910 | 12,75914 | 0,00003 | 0,0003% | sub-category chapters |
| 1.A.2.g vii | 0,000063 | 0,000046 | -0,000016 | -26,3% | 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 | 0,01293 | 0,01296 | 0,00003 | 0,27% | here |
| 1.A.4.a ii | 0,000009 | 0,000008 | -0,000001 | -12,7% | here |
| 1.A.4.c ii | 0,006557 | 0,006574 | 0,000018 | 0,27% | here |
| NFR 2 - IPPU | 16,267 | 16,267 | 0,00 | 0,00% | |
| NFR 3 - Agriculture | 0,00 | 0,00 | 0,00 | | |
| NFR 5 - Waste | 0,075 | 0,074 | -0,001 | -1,53% | sub-category chapters |
| 5.E | 0,019 | 0,018 | -0,001 | -6,02% | here |
| NFR 6 - Other | 0,00 | 0,00 | 0,00 | | |

The small changes within the **National Total** reported for **2020 (-0.12 t or -1.10 %)** result from several changes throughout **NFRs 1 and 2** that more or less cancel out each other.

The most significant percental change, occurring in NFR 1.A.3.b iii (minus 66 %), not affecting the National Total, results from a data error that will be corrected with the next annual submission.

Table 2: Changes of emission estimates 2020

| NFR Sector | Submission 2022 | Submission 2023 | Difference | | Reasoning |
|-----------------------|-----------------|-----------------|----------------|---------------|--|
| | [t] | | | relative | |
| NATIONAL TOTAL | 10,75 | 10,63 | -0,12 | -1,10% | see description and reasoning in: sub-category chapters |
| NFR 1 - Energy | 2,79 | 2,75 | -0,04 | -1,32% | sub-category chapters |
| 1.A.1.a | 0,626 | 0,622 | -0,004 | -0,71% | here |
| 1.A.1.b | 1,10 | 1,07 | -0,04 | -3,26% | here |
| 1.A.1.c | 0,009 | 0,008 | -0,001 | -7,33% | here |
| 1.A.2.g vii | 0,000071 | 0,000076 | 0,000005 | 6,40% | here |
| 1.A.2.g viii | 0,10 | 0,11 | 0,01 | 7,87% | 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 | 0,003596 | 0,003595 | -0,000001 | -0,02% | here |
| 1.A.3.b ii | 0,000216 | 0,000224 | 0,000007 | 3,41% | here |
| 1.A.3.b iii | 0,0008 | 0,0003 | -0,0005 | -65,91% | here |
| 1.A.3.b iv | 0,000087 | 0,000088 | 0,000001 | 1,11% | here |
| 1.A.3.b vi | 0,1963 | 0,1954 | 0,00 | -0,45% | here |
| 1.A.3.b vii | 0,002943 | 0,002941 | -0,000002 | -0,05% | here |
| 1.A.3.c | 0,0036 | 0,0037 | 0,0001 | 4,13% | here |
| 1.A.3.d ii | 0,0045 | 0,0045 | 0,0000 | -0,01% | here |
| 1.A.4.a i | 0,192 | 0,196 | 0,004 | 2,14% | here |
| 1.A.4.a ii | 0,00000726 | 0,00000733 | 0,00000006 | 0,89% | here |
| 1.A.4.b i | 0,529 | 0,522 | -0,008 | -1,46% | here |
| 1.A.4.b ii | 0,0020 | 0,0015 | -0,0004 | -21,39% | here |

| | Submission 2022 | Submission 2023 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|---------------|-----------------|--|
| NFR Sector | [t] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 10,75 | 10,63 | -0,12 | -1,10% | sub-category chapters |
| NFR 1 - Energy | 2,79 | 2,75 | -0,04 | -1,32% | sub-category chapters |
| 1.A.4.c i | 0,008377 | 0,008376 | -0,000001 | -0,01% | here |
| 1.A.4.c ii | 0,005 | 0,006 | 0,001 | 25,35% | here |
| NFR 2 - IPPU | 7,92 | 7,84 | -0,08 | -1,03% | sub-category chapters |
| 2.A.1 | 0,11 | 0,03 | -0,08 | -76,19% | here |
| 2.A.3 | 0,01640 | 0,01644 | 0,00004 | 0,26% | here |
| 2.G | 0,850 | 0,849 | -0,001 | -0,07% | here |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | 0,0372 | 0,0372 | 0,0000 | 0,00% | |
| NFR 6 - Other | NA | | | | |