

Recalculations - Benzo[k]Fluoranthene

The marginally small changes within the **National Total** reported for **1990 (+0.0001 t or +0.001 %)** result almost entirely from **revisions in several sub-categories of NFR 1** with the most significant percental change occurs for **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] | | absolute | relative | |
| NATIONAL TOTAL | 16.2592 | 16.2593 | 0.0001 | 0.001% | see description and reasoning in: sub-category chapters |
| NFR 1 - Energy | 15.9993 | 15.9994 | 0.0001 | 0.001% | sub-category chapters |
| 1.A.2.g vii | 0.0387 | 0.0274 | -0.0113 | -29.31% | here |
| 1.A.3.a i(i) | 0.000002 | 0.000001 | -0.000001 | -62.4% | here |
| 1.A.3.a ii(i) | 0.000022 | 0.000024 | 0.000002 | 7.61% | here |
| 1.A.3.c | 0.0308 | 0.0309 | 0.0001 | 0.38% | here |
| 1.A.4.a ii | 0.0063 | 0.0055 | -0.0008 | -12.7% | here |
| 1.A.4.c ii | 0.045 | 0.057 | 0.012 | 27.0% | here |
| NFR 2 - IPPU | 0.04 | 0.04 | 0.00 | 0.00% | |
| NFR 3 - Agriculture | | NA | | | |
| NFR 5 - Waste | 0.22 | 0.22 | 0.00 | 0.00% | |
| NFR 6 - Other | | NA | | | |

The changes within the **National Total** reported for **2021 (+0.31 t or +01.2 %)** result from a **variety of small revisions throughout NFR 1**.

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 2021

| NFR Sector | Submission 2022 | Submission 2023 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|---------------|---------------|---|
| | [t] | | absolute | relative | |
| NATIONAL TOTAL | 10,20 | 9,78 | -0,42 | -4,15% | see description and reasoning in: sub-category chapters |
| NFR 1 - Energy | 10,10 | 9,68 | -0,42 | -4,19% | sub-category chapters |
| 1.A.2.g vii | 0,0389 | 0,0394 | 0,0005 | 1,36% | here |
| 1.A.3.a i(i) | 0,0000000859 | 0,0000000855 | -0,0000000004 | -0,42% | here |
| 1.A.3.a ii(i) | 0,0000022186 | 0,0000022193 | 0,0000000007 | 0,03% | here |
| 1.A.3.b i | 0,214 | 0,215 | 0,001 | 0,62% | here |
| 1.A.3.b ii | 0,0320 | 0,0327 | 0,0006 | 1,97% | here |
| 1.A.3.b iii | 0,51 | 0,17 | -0,33 | -65,91% | here |
| 1.A.3.b iv | 0,00296 | 0,00299 | 0,00003 | 1,11% | here |
| 1.A.3.c | 0,0089 | 0,0095 | 0,0006 | 6,28% | here |
| 1.A.3.d ii | 0,015060 | 0,015059 | -0,000001 | -0,01% | here |
| 1.A.4.a i | 1,124 | 1,148 | 0,024 | 2,15% | here |
| 1.A.4.a ii | 0,00501 | 0,00506 | 0,00004 | 0,89% | here |
| 1.A.4.b i | 7,98 | 7,86 | -0,12 | -1,48% | here |
| 1.A.4.b ii | 0,00038 | 0,00030 | -0,00008 | -21,39% | here |
| 1.A.4.c i | 0,09123 | 0,09122 | -0,00001 | -0,01% | here |
| 1.A.4.c ii | 0,0483 | 0,0488 | 0,0005 | 1,00% | here |
| 1.A.5.a | 0,010 | 0,011 | 0,001 | 6,64% | here |
| 1.B.1.b | 0,0249 | 0,0251 | 0,0002 | 0,88% | here |
| NFR 2 - IPPU | 0,03 | 0,03 | 0,00 | 0,00% | |
| NFR 3 - Agriculture | | NA | | | |
| NFR 5 - Waste | 0,07 | 0,07 | 0,00 | 0,00% | |

| | Submission 2022 | Submission 2023 | Difference | | Reasoning |
|-----------------------|-----------------|-----------------|--------------|---------------|-----------------------------------|
| NFR Sector | | [t] | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 10,20 | 9,78 | -0,42 | -4,15% | sub-category chapters |
| NFR 1 - Energy | 10,10 | 9,68 | -0,42 | -4,19% | sub-category chapters |
| NFR 6 - Other | | NA | | | |