

Recalculations - Benzo[k]Fluoranthene

The small changes within the **National Total reported for 1990 (+0.27 t | +1.66 %)** are dominated by a revision in **NFR 1.B.1.b**.

In addition, several much less significant changes occur throughout NFR 1.

Table 1: Changes of emission estimates 1990

| | Submission 2021 | Submission 2022 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|-------------|--------------|-----------------------------------|
| NFR Sector | [t] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 16,01 | 16,27 | 0,27 | 1,66% | sub-category chapters |
| NFR 1 - Energy | 15,75 | 16,01 | 0,27 | 1,69% | sub-category chapters |
| 1.A.3.a i(i) | 0,0000023 | 0,0000015 | -0,0000008 | -33,33% | here |
| 1.A.3.a ii(i) | 0,00003 | 0,00002 | -0,00001 | -33,33% | here |
| 1.A.3.d ii | 0,04 | 0,03 | -0,01 | -17,43% | here |
| 1.A.4.c iii | 0,0006 | 0,0003 | -0,0003 | -53,84% | here |
| 1.A.5.b | 0,0148 | 0,0144 | -0,0004 | -2,40% | here |
| 1.B.1.b | 1,04 | 1,32 | 0,27 | 26,18% | 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 negligibly small changes in the **National Total** reported for **2019 (+0.01 t or +0.14 %)** result from a variety of revisions throughout NFRs 1 and 5.

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

| | Submission 2021 | Submission 2022 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|-------------|--------------|-----------------------------------|
| NFR Sector | [t] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 10,69 | 10,70 | 0,01 | 0,14% | sub-category chapters |
| NFR 1 - Energy | 10,50 | 10,51 | 0,01 | 0,12% | sub-category chapters |
| 1.A.2.g vii | 0,0373 | 0,0374 | 0,0001 | 0,16% | here |
| 1.A.3.a i(i) | 0,0000009 | 0,0000002 | -0,0000008 | -83,52% | here |
| 1.A.3.a ii(i) | 0,000021 | 0,000003 | -0,000017 | -83,69% | here |
| 1.A.3.b i | 0,2470 | 0,2473 | 0,0002 | 0,10% | here |
| 1.A.3.b ii | 0,0330 | 0,0326 | -0,0004 | -1,10% | here |
| 1.A.3.b iii | 0,524 | 0,523 | -0,001 | -0,15% | here |
| 1.A.3.b iv | 0,00293 | 0,00290 | -0,00003 | -1,10% | here |
| 1.A.3.c | 0,008 | 0,009 | 0,001 | 12,76% | here |
| 1.A.3.d ii | 0,0176 | 0,0170 | -0,0006 | -3,47% | here |
| 1.A.4.a i | 1,1184 | 1,1183 | -0,0001 | -0,01% | here |
| 1.A.4.a ii | 0,00490 | 0,00491 | 0,00001 | 0,18% | here |
| 1.A.4.b i | 8,34 | 8,35 | 0,01 | 0,08% | here |
| 1.A.4.b ii | 0,00038 | 0,00040 | 0,00002 | 4,50% | here |
| 1.A.4.c ii | 0,0456 | 0,0457 | 0,0001 | 0,17% | here |
| 1.A.4.c iii | 0,00041 | 0,00026 | -0,00015 | -37,07% | here |
| 1.A.5.a | 0,0055 | 0,0086 | 0,0031 | 56,28% | here |
| 1.A.5.b | 0,0009 | 0,0006 | -0,0003 | -35,12% | here |
| 1.B.1.b | 0,024 | 0,028 | 0,004 | 15,30% | here |
| NFR 2 - IPPU | 0,03 | 0,03 | 0,00 | 0,00% | sub-category chapters |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | 0,1575 | 0,1598 | 0,0023 | 1,44% | sub-category chapters |
| 5.C.2 | 0,1575 | 0,1598 | 0,0023 | 1,44% | here |

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|----------------------|-----------|--|
| NFR 6 - Other | NA | |
|----------------------|-----------|--|