

Recalculations - Dioxines & Furanes (PCDD/F)

The negligibly small changes within the **National Total reported for 1990 (-0.02 g | -0.001 %)** result from several small changes throughout **NFR 1.A** and within **NFR 2.G**.

The most significant relative change occurs for **NFR 2.G with minus 58 %**.

Table 1: Changes of emission estimates 1990

| NFR Sector | Submission 2021 | Submission 2022 | Difference | | Reasoning |
|-----------------------|-----------------|-----------------|--------------|---------------|-----------------------------------|
| | [t] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 814,95 | 813,90 | -1,05 | -0,13% | sub-category chapters |
| NFR 1 - Energy | 523,57 | 522,52 | -1,05 | -0,20% | sub-category chapters |
| 1.A.3.b i | 14,84 | 14,59 | -0,25 | -1,66% | here |
| 1.A.3.b ii | 0,25 | 0,24 | -0,01 | -3,71% | here |
| 1.A.3.b iv | 0,50 | 0,51 | 0,01 | 2,44% | here |
| 1.A.3.c | 0,08 | 0,14 | 0,06 | 74,04% | here |
| 1.A.3.d ii | 4,56 | 3,77 | -0,80 | -17,43% | here |
| 1.A.4.b ii | 0,092 | 0,094 | 0,002 | 2,61% | here |
| 1.A.4.c iii | 0,07 | 0,03 | -0,04 | -53,84% | here |
| 1.A.5.b | 0,18 | 0,13 | -0,04 | -23,46% | here |
| NFR 2 - IPPU | 242,10 | 242,10 | 0,00 | 0,00% | |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | 49,29 | 49,29 | 0,00 | 0,00% | |
| NFR 6 - Other | NA | | | | |

Changes within the **National Total reported for 2019 (-0.93 g | -0.77 %)** are dominated by changes in **NFRs 1.A.4.a i and 1.A.4.b i**.

However, the most significant relative change occurs for **NFR 2.G with minus 50 %**.

Table 2: Changes of emission estimates 2018

| NFR Sector | Submission 2020 | Submission 2021 | Difference | | Reasoning |
|-----------------------|-----------------|-----------------|--------------|---------------|-----------------------------------|
| | | [g] | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 120,73 | 119,80 | -0,93 | -0,77% | sub-category chapters |
| NFR 1 - Energy | 51,83 | 50,91 | -0,91 | -1,77% | sub-category chapters |
| 1.A.1.a | 4,65 | 4,75 | 0,10 | 2,19% | here |
| 1.A.1.b | 0,008 | 0,015 | 0,007 | 87,69% | here |
| 1.A.1.c | 0,073 | 0,124 | 0,05 | 69,01% | here |
| 1.A.2.a | 0,0244 | 0,0246 | 0,0002 | 0,90% | here |
| 1.A.2.g vii | 0,078 | 0,083 | 0,006 | 7,07% | here |
| 1.A.2.g viii | 1,31 | 1,22 | -0,09 | -6,82% | here |
| 1.A.3.b ii | 0,99 | 0,98 | -0,01 | -1,41% | here |
| 1.A.3.b iii | 0,4616 | 0,4613 | -0,0003 | -0,07% | here |
| 1.A.3.b iv | 0,3436 | 0,3434 | -0,0001 | -0,03% | here |
| 1.A.3.c | 0,024 | 0,021 | -0,003 | -13,98% | here |
| 1.A.3.d ii | 2,18 | 2,24 | 0,06 | 2,79% | here |
| 1.A.4.a i | 18,41 | 16,23 | -2,18 | -11,83% | here |
| 1.A.4.a ii | 0,012 | 0,010 | -0,002 | -15,33% | here |
| 1.A.4.b i | 13,32 | 14,43 | 1,12 | 8,39% | here |
| 1.A.4.b ii | 0,075 | 0,072 | -0,003 | -3,38% | here |
| 1.A.4.c i | 1,44 | 1,43 | -0,01 | -0,37% | here |
| 1.A.4.c ii | 0,19 | 0,20 | 0,01 | 3,14% | here |
| 1.A.4.c iii | 0,23 | 0,24 | 0,01 | 2,65% | here |
| 1.A.5.a | 0,114 | 0,117 | 0,002 | 2,18% | here |
| 1.A.5.b | 0,04777 | 0,04779 | 0,00002 | 0,04% | here |

| | Submission 2020 | Submission 2021 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|--------------|-----------------|--|
| NFR Sector | [g] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 120,73 | 119,80 | -0,93 | -0,77% | sub-category chapters |
| NFR 1 - Energy | 51,83 | 50,91 | -0,91 | -1,77% | sub-category chapters |
| NFR 2 - IPPU | 20,94 | 20,93 | -0,01 | -0,06% | sub-category chapters |
| 2.G | 0,02 | 0,01 | -0,01 | -50,27% | here |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | 47,95 | 47,95 | 0,00 | 0,00% | |
| NFR 6 - Other | NA | | | | |