

Recalculations - Indeno[1,2,3-c,d]Pyrene

The marginally small changes within the **National Total** reported for **1990 (+0.006 t or +0.02 %)** result almost entirely from **revisions in NFR sub-categories 1.A.3.b i, 1.A.3.b ii and 1.A.3.b iii** together with much less significant changes throughout NFR 1.

However, the most significant percental change occurs for **NFR 1.A.3.b ii with plus 27 %**.

Table 1: Changes of emission estimates 1990

| NFR Sector | Submission 2022 | Submission 2023 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|--------------|--------------|---|
| | [t] | | absolute | relative | |
| NATIONAL TOTAL | 23,03 | 23,03 | 0,006 | 0,02% | see description and reasoning in: sub-category chapters |
| NFR 1 - Energy | 22,92 | 22,92 | 0,006 | 0,02% | sub-category chapters |
| 1.A.2.g vii | 0,00913 | 0,00915 | 0,00002 | 0,17% | here |
| 1.A.3.b i | 0,386 | 0,392 | 0,006 | 1,55% | here |
| 1.A.3.b ii | 0,014 | 0,018 | 0,004 | 26,66% | here |
| 1.A.3.b iii | 0,084 | 0,080 | -0,004 | -4,87% | here |
| 1.A.3.b iv | 0,0051 | 0,0052 | 0,0002 | 2,99% | here |
| 1.A.4.a ii | 0,001455 | 0,001454 | -0,000001 | -0,09% | here |
| 1.A.4.c ii | 0,01092 | 0,01091 | -0,00001 | -0,13% | here |
| NFR 2 - IPPU | 0,07 | 0,07 | 0,00 | 0,00% | |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | 0,04 | 0,04 | 0,000 | 0,00% | |
| NFR 6 - Other | NA | | | | |

The negligibly small changes in the **National Total** reported for **2019 (+0.02 t or +0.12 %)** 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

| NFR Sector | Submission 2021 | Submission 2022 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|---------------|--------------|---|
| | [t] | | absolute | relative | |
| NATIONAL TOTAL | 15,47 | 15,49 | 0,02 | 0,12% | see description and reasoning in: sub-category chapters |
| NFR 1 - Energy | 15,40 | 15,41 | 0,02 | 0,11% | sub-category chapters |
| 1.A.2.g vii | 0,009149 | 0,009153 | 0,000004 | 0,04% | here |
| 1.A.3.a i(i) | 0,0000022 | 0,0000004 | -0,0000018 | -83,52% | here |
| 1.A.3.a ii(i) | 0,00005 | 0,00001 | -0,00004 | -83,69% | here |
| 1.A.3.b i | 0,4744 | 0,4749 | 0,0005 | 0,10% | here |
| 1.A.3.b ii | 0,060 | 0,059 | -0,001 | -1,10% | here |
| 1.A.3.b iii | 0,1203 | 0,1201 | -0,0002 | -0,15% | here |
| 1.A.3.b iv | 0,00439 | 0,00434 | -0,00005 | -1,10% | here |
| 1.A.3.c | 0,0019 | 0,0021 | 0,0002 | 12,76% | here |
| 1.A.3.d ii | 0,0040 | 0,0039 | -0,0001 | -3,47% | here |
| 1.A.4.a ii | 0,001140 | 0,001142 | 0,000002 | 0,18% | here |
| 1.A.4.b ii | 0,00086 | 0,00090 | 0,00004 | 4,50% | here |
| 1.A.4.c ii | 0,01080 | 0,01081 | 0,00001 | 0,11% | here |
| 1.A.4.c iii | 0,00009 | 0,00006 | -0,00003 | -37,07% | here |
| 1.A.5.a | 0,0085 | 0,0132 | 0,0048 | 56,30% | here |
| 1.A.5.b | 0,00064 | 0,00057 | -0,00007 | -11,30% | here |
| 1.B.1.b | 0,016 | 0,019 | 0,003 | 15,30% | here |
| NFR 2 - IPPU | 0,05 | 0,05 | 0,00 | 0,00% | |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | 0,0284 | 0,0288 | 0,0004 | 1,44% | sub-category chapters |
| 5.C.2 | 0,0283 | 0,0288 | 0,0004 | 1,44% | here |

| | Submission 2021 | Submission 2022 | Difference | | Reasoning |
|-----------------------|------------------------|------------------------|-------------------|-----------------|--|
| NFR Sector | [t] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 15,47 | 15,49 | 0,02 | 0,12% | sub-category chapters |
| NFR 1 - Energy | 15,40 | 15,41 | 0,02 | 0,11% | sub-category chapters |
| NFR 6 - Other | NA | | | | |