

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 changes in the **National Total** reported for **2020 (-0.22 t and -1.45 %)** result from a **variety of revisions throughout NFR 1**, dominated by a revision in NFR sub-category **1.A.4.b i with -0,18 t**.

The significant percental change occurring in NFR 1.A.3.b iii 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] | | absolute | relative | |
| NATIONAL TOTAL | 14,85 | 14,63 | -0,22 | -1,45% | see description and reasoning in: sub-category chapters |
| NFR 1 - Energy | 14,79 | 14,57 | -0,22 | -1,46% | sub-category chapters |
| 1.A.2.g vii | 0,0095 | 0,0098 | 0,0003 | 2,91% | here |
| 1.A.3.a i(i) | 0,000000196 | 0,000000195 | -0,000000001 | -0,42% | here |
| 1.A.3.a ii(i) | 0,000005063 | 0,000005065 | 0,000000002 | 0,03% | here |
| 1.A.3.b i | 0,412 | 0,414 | 0,002 | 0,56% | here |
| 1.A.3.b ii | 0,058 | 0,060 | 0,001 | 2,01% | here |
| 1.A.3.b iii | 0,12 | 0,04 | -0,08 | -65,91% | here |
| 1.A.3.b iv | 0,00443 | 0,00448 | 0,00005 | 1,11% | here |
| 1.A.3.b vi | 0,01763 | 0,01756 | -0,00007 | -0,39% | here |
| 1.A.3.c | 0,00204 | 0,00217 | 0,00013 | 6,28% | here |
| 1.A.3.d ii | 0,0034586 | 0,0034583 | -0,0000002 | -0,01% | here |
| 1.A.4.a i | 1,72 | 1,76 | 0,04 | 2,14% | here |
| 1.A.4.a ii | 0,00117 | 0,00118 | 0,00001 | 0,88% | here |
| 1.A.4.b i | 12,25 | 12,07 | -0,18 | -1,48% | here |
| 1.A.4.b ii | 0,0009 | 0,0007 | -0,0002 | -21,39% | here |
| 1.A.4.c i | 0,13986 | 0,13984 | -0,00001 | -0,01% | here |
| 1.A.4.c ii | 0,0115 | 0,0117 | 0,0002 | 1,88% | here |
| 1.A.4.c iii | 0,00007 | 0,00007 | 0,00000 | 0,00% | here |
| 1.A.5.a | 0,015 | 0,016 | 0,001 | 6,65% | here |
| 1.A.5.b | 0,0004 | 0,0004 | 0,0000 | 0,00% | here |

| NFR Sector | Submission 2022 | Submission 2023 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|--------------|---------------|--|
| | | | [t] | relative | |
| NATIONAL TOTAL | 14,85 | 14,63 | -0,22 | -1,45% | see description and reasoning in: |
| NFR 1 - Energy | 14,79 | 14,57 | -0,22 | -1,46% | sub-category chapters |
| 1.B.1.b | 0,0168 | 0,0170 | 0,0001 | 0,88% | here |
| NFR 2 - IPPU | 0,05 | 0,05 | 0,00 | 0,00% | |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | 0,012 | 0,012 | 0,000 | 0,00% | |
| NFR 6 - Other | NA | | | | |