

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

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      |   |
| <b>NATIONAL TOTAL</b> | <b>14,85</b>    | <b>14,63</b>    | <b>-0,22</b> | <b>-1,45%</b> | see description and reasoning in: sub-category chapters |
| <b>NFR 1 - Energy</b> | <b>14,79</b>    | <b>14,57</b>    | <b>-0,22</b> | <b>-1,46%</b> | sub-category chapters                                   |
| 1.A.2.g vii           | 0,0095          | 0,0098          | 0,0003       | 2,91%         | <a href="#">here</a>                                    |
| 1.A.3.a i(i)          | 0,000000196     | 0,000000195     | -0,000000001 | -0,42%        | <a href="#">here</a>                                    |
| 1.A.3.a ii(i)         | 0,000005063     | 0,000005065     | 0,000000002  | 0,03%         | <a href="#">here</a>                                    |
| 1.A.3.b i             | 0,412           | 0,414           | 0,002        | 0,56%         | <a href="#">here</a>                                    |
| 1.A.3.b ii            | 0,058           | 0,060           | 0,001        | 2,01%         | <a href="#">here</a>                                    |
| 1.A.3.b iii           | 0,12            | 0,04            | -0,08        | -65,91%       | <a href="#">here</a>                                    |
| 1.A.3.b iv            | 0,00443         | 0,00448         | 0,00005      | 1,11%         | <a href="#">here</a>                                    |
| 1.A.3.b vi            | 0,01763         | 0,01756         | -0,00007     | -0,39%        | <a href="#">here</a>                                    |
| 1.A.3.c               | 0,00204         | 0,00217         | 0,00013      | 6,28%         | <a href="#">here</a>                                    |
| 1.A.3.d ii            | 0,0034586       | 0,0034583       | -0,0000002   | -0,01%        | <a href="#">here</a>                                    |
| 1.A.4.a i             | 1,72            | 1,76            | 0,04         | 2,14%         | <a href="#">here</a>                                    |
| 1.A.4.a ii            | 0,00117         | 0,00118         | 0,00001      | 0,88%         | <a href="#">here</a>                                    |
| 1.A.4.b i             | 12,25           | 12,07           | -0,18        | -1,48%        | <a href="#">here</a>                                    |
| 1.A.4.b ii            | 0,0009          | 0,0007          | -0,0002      | -21,39%       | <a href="#">here</a>                                    |
| 1.A.4.c i             | 0,13986         | 0,13984         | -0,00001     | -0,01%        | <a href="#">here</a>                                    |
| 1.A.4.c ii            | 0,0115          | 0,0117          | 0,0002       | 1,88%         | <a href="#">here</a>                                    |
| 1.A.5.a               | 0,015           | 0,016           | 0,001        | 6,65%         | <a href="#">here</a>                                    |
| 1.B.1.b               | 0,0168          | 0,0170          | 0,0001       | 0,88%         | <a href="#">here</a>                                    |
| <b>NFR 2 - IPPU</b>   | <b>0,05</b>     | <b>0,05</b>     | <b>0,00</b>  | <b>0,00%</b>  |   |

| NFR Sector                 | Submission 2022 | Submission 2023 | Difference   |               | Reasoning                         |
|----------------------------|-----------------|-----------------|--------------|---------------|-----------------------------------|
|                            |                 |                 |              | relative      |                                   |
|                            |                 | [t]             |              |               | see description and reasoning in: |
| <b>NATIONAL TOTAL</b>      | <b>14,85</b>    | <b>14,63</b>    | <b>-0,22</b> | <b>-1,45%</b> | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b>      | <b>14,79</b>    | <b>14,57</b>    | <b>-0,22</b> | <b>-1,46%</b> | <b>sub-category chapters</b>      |
| <b>NFR 3 - Agriculture</b> |                 | NA              |              |               |                                   |
| <b>NFR 5 - Waste</b>       | <b>0,012</b>    | <b>0,012</b>    | <b>0,000</b> | <b>0,00%</b>  |                                   |
| <b>NFR 6 - Other</b>       |                 | NA              |              |               |                                   |