

# Recalculations - Benzo[b]Fluoranthene

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

|                            | Submission 2022 | Submission 2023 | Difference    |               | Reasoning                         |
|----------------------------|-----------------|-----------------|---------------|---------------|-----------------------------------|
| NFR Sector                 | [t]             |                 |               | relative      | see description and reasoning in: |
| <b>NATIONAL TOTAL</b>      | <b>35,84</b>    | <b>35,83</b>    | <b>-0,006</b> | <b>-0,02%</b> | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b>      | <b>35,14</b>    | <b>35,14</b>    | <b>-0,006</b> | <b>-0,02%</b> | <b>sub-category chapters</b>      |
| 1.A.2.g vii                | 0,0573          | 0,0574          | 0,0001        | 0,17%         | <a href="#">here</a>              |
| 1.A.3.b i                  | 0,3633          | 0,3698          | 0,007         | 1,80%         | <a href="#">here</a>              |
| 1.A.3.b ii                 | 0,0139          | 0,0176          | 0,004         | 26,83%        | <a href="#">here</a>              |
| 1.A.3.b iii                | 0,3292          | 0,3131          | -0,016        | -4,87%        | <a href="#">here</a>              |
| 1.A.3.b iv                 | 0,0047          | 0,0048          | 0,0001        | 2,99%         | <a href="#">here</a>              |
| 1.A.4.a ii                 | 0,00913         | 0,00912         | -0,00001      | -0,09%        | <a href="#">here</a>              |
| 1.A.4.c ii                 | 0,0680          | 0,0679          | -0,0001       | -0,13%        | <a href="#">here</a>              |
| <b>NFR 2 - IPPU</b>        | <b>0,04</b>     | <b>0,04</b>     | <b>0,000</b>  | <b>0,00%</b>  |                                   |
| <b>NFR 3 - Agriculture</b> | <b>NA</b>       |                 |               |               |                                   |
| <b>NFR 5 - Waste</b>       | <b>0,65</b>     | <b>0,65</b>     | <b>0,00</b>   | <b>0,00%</b>  |                                   |
| <b>NFR 6 - Other</b>       | <b>NA</b>       |                 |               |               |                                   |

The changes in the **National Total** reported for **2020 (-0.5 t and -2.26 %)** result from a **variety of revisions throughout NFRs 1 and 2**.

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

|                       | Submission 2022 | Submission 2023 | Difference   |               | Reasoning                         |
|-----------------------|-----------------|-----------------|--------------|---------------|-----------------------------------|
| NFR Sector            | [t]             |                 |              | relative      | see description and reasoning in: |
| <b>NATIONAL TOTAL</b> | <b>22,19</b>    | <b>21,69</b>    | <b>-0,50</b> | <b>-2,26%</b> | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b> | <b>21,96</b>    | <b>21,46</b>    | <b>-0,50</b> | <b>-2,28%</b> | <b>sub-category chapters</b>      |
| 1.A.2.g vii           | 0,05909         | 0,06053         | 0,00143      | 2,43%         | <a href="#">here</a>              |
| 1.A.3.a i(i)          | 0,000000174     | 0,000000173     | -0,000000001 | -0,42%        | <a href="#">here</a>              |
| 1.A.3.a ii(i)         | 0,000004494     | 0,000004495     | 0,000000001  | 0,03%         | <a href="#">here</a>              |
| 1.A.3.b i             | 0,413           | 0,416           | 0,003        | 0,61%         | <a href="#">here</a>              |
| 1.A.3.b ii            | 0,061           | 0,062           | 0,001        | 1,98%         | <a href="#">here</a>              |
| 1.A.3.b iii           | 0,453           | 0,154           | -0,299       | -65,91%       | <a href="#">here</a>              |
| 1.A.3.b iv            | 0,00409         | 0,00413         | 0,00005      | 1,11%         | <a href="#">here</a>              |
| 1.A.3.b vi            | 0,03548         | 0,03534         | -0,00014     | -0,41%        | <a href="#">here</a>              |
| 1.A.3.c               | 0,013           | 0,014           | 0,001        | 6,28%         | <a href="#">here</a>              |
| 1.A.3.d ii            | 0,021890        | 0,021888        | -0,000002    | -0,01%        | <a href="#">here</a>              |
| 1.A.4.a i             | 2,54            | 2,60            | 0,06         | 2,17%         | <a href="#">here</a>              |
| 1.A.4.a ii            | 0,00726         | 0,00733         | 0,00006      | 0,89%         | <a href="#">here</a>              |
| 1.A.4.b i             | 17,99           | 17,72           | -0,27        | -1,48%        | <a href="#">here</a>              |
| 1.A.4.b ii            | 0,004           | 0,003           | -0,001       | -21,39%       | <a href="#">here</a>              |
| 1.A.4.c i             | 0,20648         | 0,20645         | -0,00003     | -0,01%        | <a href="#">here</a>              |
| 1.A.4.c ii            | 0,072           | 0,073           | 0,001        | 1,60%         | <a href="#">here</a>              |
| 1.A.5.a               | 0,023           | 0,024           | 0,001        | 6,65%         | <a href="#">here</a>              |
| 1.B.1.b               | 0,0489          | 0,0493          | 0,0004       | 0,88%         | <a href="#">here</a>              |
| <b>NFR 2 - IPPU</b>   | <b>0,03</b>     | <b>0,03</b>     | <b>0,00</b>  | <b>0,00%</b>  |                                   |

|                            | Submission 2022 | Submission 2023 | Difference   |                 | Reasoning                                |
|----------------------------|-----------------|-----------------|--------------|-----------------|------------------------------------------|
| <b>NFR Sector</b>          | <b>[t]</b>      |                 |              | <b>relative</b> | <b>see description and reasoning in:</b> |
| <b>NATIONAL TOTAL</b>      | <b>22,19</b>    | <b>21,69</b>    | <b>-0,50</b> | <b>-2,26%</b>   | <b>sub-category chapters</b>             |
| <b>NFR 1 - Energy</b>      | <b>21,96</b>    | <b>21,46</b>    | <b>-0,50</b> | <b>-2,28%</b>   | <b>sub-category chapters</b>             |
| <b>NFR 3 - Agriculture</b> | <b>NA</b>       |                 |              |                 |                                          |
| <b>NFR 5 - Waste</b>       | <b>0,20</b>     | <b>0,20</b>     | <b>0,00</b>  | <b>0,00%</b>    |                                          |
| <b>NFR 6 - Other</b>       | <b>NA</b>       |                 |              |                 |                                          |