

|                          |     |        |     |     |       |      |     |    |    |    |    |    |    |    |    |    |    |    |        |       |       |       |       |        |     |     |
|--------------------------|-----|--------|-----|-----|-------|------|-----|----|----|----|----|----|----|----|----|----|----|----|--------|-------|-------|-------|-------|--------|-----|-----|
| pollutant-specific data: | NOx | NM VOC | SOx | NH3 | PM2.5 | PM10 | TSP | BC | CO | Pb | Cd | Hg | As | Cr | Cu | Ni | Se | Zn | PCDD/F | B[a]P | B[b]F | B[k]F | I[x]P | PAH1-4 | HCB | PCB |
|                          |     |        |     |     |       |      |     |    |    |    |    |    |    |    |    |    |    |    |        |       |       |       |       |        |     |     |

# Recalculations - Benzo[b]Fluoranthene

The changes within the **National Total** reported for **1990 (+0.87 t or +2.44 %)** result almost entirely from newly implemented emission estimates for **NFR sub-category 2.C.3, increasing the emissions from NFR 2 by nearly 2,000%**. Furthermore, a variety of revisions have been carried out throughout NFR 1.

Table 1: Changes of emission estimates 1990

| NFR Sector                 | Submission 2025 | Submission 2026 | Difference  |               | Reasoning                                               |
|----------------------------|-----------------|-----------------|-------------|---------------|---------------------------------------------------------|
|                            | [t]             |                 |             | relative      |                                                         |
| <b>NATIONAL TOTAL</b>      | <b>35.83</b>    | <b>36.71</b>    | <b>0.87</b> | <b>2.44%</b>  | see description and reasoning in: sub-category chapters |
| <b>NFR 1 - Energy</b>      | <b>35.14</b>    | <b>35.15</b>    | <b>0.01</b> | <b>0.02%</b>  | sub-category chapters                                   |
| 1.A.2.g vii                | 0.040017        | 0.040020        | 0.000003    | 0.01%         | <a href="#">here</a>                                    |
| 1.A.3.b i                  | 0.37            | 0.48            | 0.11        | 29.62%        | <a href="#">here</a>                                    |
| 1.A.3.b ii                 | 0.02            | 0.03            | 0.01        | 62.57%        | <a href="#">here</a>                                    |
| 1.A.3.b iii                | 0.31            | 0.22            | -0.09       | -28.95%       | <a href="#">here</a>                                    |
| 1.A.3.b iv                 | 0.0048          | 0.0046          | -0.0002     | -5.17%        | <a href="#">here</a>                                    |
| 1.A.3.b vi                 | 0.03            | 0.00            | -0.02       | -86.00%       | <a href="#">here</a>                                    |
| 1.A.4.a ii                 | 0.007793        | 0.007791        | -0.000002   | -0.03%        | <a href="#">here</a>                                    |
| 1.A.4.c ii                 | 0.086554        | 0.086553        | -0.000001   | -0.001%       | <a href="#">here</a>                                    |
| <b>NFR 2 - IPPU</b>        | <b>0.04</b>     | <b>0.91</b>     | <b>0.87</b> | <b>1,962%</b> | sub-category chapters                                   |
| 2.C.3                      | NE              | 0.87            | 0.87        |               | <a href="#">here</a>                                    |
| <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 significant changes within the **National Total** reported for **2022 (+1.28 t or +4.92 %)** are dominated by revisions in NFR sub-categories **1.A.4.b i with +1.39 t** and **1.A.4.a i with -0.11 t** together with a variety of small revisions throughout NFR 1.

However, the most significant percental change occurs in NFR **1.A.4.a ii with minus 16 %**.

Table 2: Changes of emission estimates 2023

| NFR Sector            | Submission 2025 | Submission 2026 | Difference   |               | Reasoning                                               |
|-----------------------|-----------------|-----------------|--------------|---------------|---------------------------------------------------------|
|                       | [t]             |                 |              | relative      |                                                         |
| <b>NATIONAL TOTAL</b> | <b>22,72</b>    | <b>22,46</b>    | <b>-0,26</b> | <b>-1,15%</b> | see description and reasoning in: sub-category chapters |
| <b>NFR 1 - Energy</b> | <b>22,21</b>    | <b>21,95</b>    | <b>-0,26</b> | <b>-1,18%</b> | sub-category chapters                                   |
| 1.A.1.a               | IE              | IE              | #WERT!       | #WERT!        | <a href="#">here</a>                                    |
| 1.A.1.b               | IE              | IE              | #WERT!       | #WERT!        | <a href="#">here</a>                                    |
| 1.A.1.c               | IE              | IE              | #WERT!       | #WERT!        | <a href="#">here</a>                                    |
| 1.A.2.a               | NE              | NE              | #WERT!       | #WERT!        | <a href="#">here</a>                                    |
| 1.A.2.b               | IE              | IE              | #WERT!       | #WERT!        | <a href="#">here</a>                                    |
| 1.A.2.c               | IE              | IE              | #WERT!       | #WERT!        | <a href="#">here</a>                                    |
| 1.A.2.d               | IE              | IE              | #WERT!       | #WERT!        | <a href="#">here</a>                                    |
| 1.A.2.e               | NE              | NE              | #WERT!       | #WERT!        | <a href="#">here</a>                                    |
| 1.A.2.f               | NA              | NA              | #WERT!       | #WERT!        | <a href="#">here</a>                                    |
| 1.A.2.g vii           | 0,03            | 0,04            | 0,01         | 27,39%        | <a href="#">here</a>                                    |
| 1.A.2.g viii          | IE              | IE              | #WERT!       | #WERT!        | <a href="#">here</a>                                    |
| 1.A.3.a i(i)          | 0,000000078     | 0,000000079     | 0,000000002  | 2,34%         | <a href="#">here</a>                                    |
| 1.A.3.a ii(i)         | 0,0000039       | 0,0000040       | 0,0000001    | 2,34%         | <a href="#">here</a>                                    |
| 1.A.3.b i             | 0,43            | 0,59            | 0,16         | 36,90%        | <a href="#">here</a>                                    |

|                       | Submission 2025 | Submission 2026 | Difference   |                                   | Reasoning                                             |
|-----------------------|-----------------|-----------------|--------------|-----------------------------------|-------------------------------------------------------|
| NFR Sector            | [t]             |                 | relative     | see description and reasoning in: |                                                       |
| <b>NATIONAL TOTAL</b> | <b>22,72</b>    | <b>22,46</b>    | <b>-0,26</b> | <b>-1,15%</b>                     | <b>sub-category chapters</b>                          |
| <b>NFR 1 - Energy</b> | <b>22,21</b>    | <b>21,95</b>    | <b>-0,26</b> | <b>-1,18%</b>                     | <b>sub-category chapters</b>                          |
| 1.A.3.b ii            | 0,067           | 0,033           | -0,034       | -50,80%                           | <a href="#">here</a>                                  |
| 1.A.3.b iii           | 0,394           | 0,348           | -0,046       | -11,60%                           | <a href="#">here</a>                                  |
| 1.A.3.b iv            | 0,0036          | 0,0034          | -0,0002      | -5,43%                            | <a href="#">here</a>                                  |
| 1.A.3.b v             | NA              | NA              | #WERT!       | #WERT!                            | <a href="#">here</a>                                  |
| 1.A.3.b vi            | 0,039           | 0,005           | -0,034       | -87,53%                           | <a href="#">here</a>                                  |
| 1.A.3.b vii           | NA              | NA              | #WERT!       | #WERT!                            | <a href="#">here</a>                                  |
| 1.A.3.c               | 0,012683        | 0,012682        | -0,000001    | -0,01%                            | <a href="#">here</a>                                  |
| 1.A.3.d i(ii)         | IE              | IE              | #WERT!       | #WERT!                            |                                                       |
| 1.A.3.d ii            | 0,0210          | 0,0205          | -0,0005      | -2,49%                            | <a href="#">here</a>                                  |
| 1.A.3.e i             | NA              | NA              | #WERT!       | #WERT!                            | <a href="#">1.A.3.e i - Pipeline Transport ]</a>      |
| 1.A.3.e ii            | NA              | NA              | #WERT!       | #WERT!                            | <a href="#">1.A.3.e ii - Other Transport: Other ]</a> |
| 1.A.4.a i             | 3,27            | 3,03            | -0,24        | -7,41%                            | <a href="#">here</a>                                  |
| 1.A.4.a ii            | 0,005           | 0,007           | 0,002        | 38,53%                            | <a href="#">here</a>                                  |
| 1.A.4.b i             | 17,55           | 17,49           | -0,06        | -0,36%                            | <a href="#">here</a>                                  |
| 1.A.4.b ii            | 0,0032          | 0,0031          | -0,0002      | -4,82%                            | <a href="#">here</a>                                  |
| 1.A.4.c i             | 0,205           | 0,205           | 0,0000       | 0,00%                             | <a href="#">here</a>                                  |
| 1.A.4.c ii            | 0,10            | 0,09            | -0,01        | -12,72%                           | <a href="#">here</a>                                  |
| 1.A.4.c iii           | 0,0002624       | 0,0002624       | 0,0000       | 0,00%                             | <a href="#">here</a>                                  |
| 1.A.5.a               | 0,0264          | 0,0289          | 0,0025       | 9,39%                             | <a href="#">here</a>                                  |
| 1.A.5.b               | 0,00252         | 0,00249         | -0,00004     | -1,49%                            | <a href="#">here</a>                                  |
| 1.B.1.a               | NA              | NA              | #WERT!       | #WERT!                            | <a href="#">here</a>                                  |
| 1.B.1.b               | 0,049960        | 0,049963        | 0,000003     | 0,01%                             | <a href="#">here</a>                                  |
| 1.B.1.c               | NA              | NA              | #WERT!       | #WERT!                            | <a href="#">here</a>                                  |
| 1.B.2.a i             | NA              | NA              | #WERT!       | #WERT!                            |                                                       |
| 1.B.2.a iv            | NA              | NA              | #WERT!       | #WERT!                            |                                                       |
| 1.B.2.a v             | NA              | NA              | #WERT!       | #WERT!                            |                                                       |
| 1.B.2.b               | NA              | NA              | #WERT!       | #WERT!                            |                                                       |
| 1.B.2.c               | NA              | NA              | #WERT!       | #WERT!                            |                                                       |
| 1.B.2.d               | NA              | NA              | #WERT!       | #WERT!                            |                                                       |
| NFR 2 - IPPU          | 0,025913        | 0,026239        | 0,0003265    | 1,26%                             | sub-category chapters                                 |
| 2.A.1                 | IE              | IE              | #WERT!       | #WERT!                            | <a href="#">here</a>                                  |
| 2.A.2                 | NA              | NA              | #WERT!       | #WERT!                            | <a href="#">here</a>                                  |
| 2.A.3                 | NA              | NA              | #WERT!       | #WERT!                            | <a href="#">here</a>                                  |
| 2.A.5.a               | NA              | NA              | #WERT!       | #WERT!                            | <a href="#">here</a>                                  |
| 2.A.5.b               | NA              | NA              | #WERT!       | #WERT!                            | <a href="#">here</a>                                  |
| 2.A.5.c               | NA              | NA              | #WERT!       | #WERT!                            | <a href="#">here</a>                                  |
| 2.A.6                 | NA              | NA              | #WERT!       | #WERT!                            | <a href="#">here</a>                                  |
| 2.B.1                 | NA              | NA              | #WERT!       | #WERT!                            | <a href="#">here</a>                                  |
| 2.B.2                 | NA              | NA              | #WERT!       | #WERT!                            | <a href="#">here</a>                                  |
| 2.B.3                 | NA              | NA              | #WERT!       | #WERT!                            | <a href="#">here</a>                                  |
| 2.B.5                 | NA              | NA              | #WERT!       | #WERT!                            | <a href="#">here</a>                                  |
| 2.B.6                 | NA              | NA              | #WERT!       | #WERT!                            | <a href="#">here</a>                                  |
| 2.B.7                 | NA              | NA              | #WERT!       | #WERT!                            | <a href="#">here</a>                                  |
| 2.B.10.a              | NA              | NA              | #WERT!       | #WERT!                            | <a href="#">here</a>                                  |
| 2.B.10.b              | NA              | NA              | #WERT!       | #WERT!                            | <a href="#">here</a>                                  |
| 2.C.1                 | NE              | NE              | #WERT!       | #WERT!                            | <a href="#">here</a>                                  |
| 2.C.2                 | NA              | NA              | #WERT!       | #WERT!                            | <a href="#">here</a>                                  |
| 2.C.3                 | NE              | 0,0003225       | 0,0003225    |                                   | <a href="#">here</a>                                  |
| 2.C.4                 | NA              | NA              | #WERT!       | #WERT!                            | <a href="#">here</a>                                  |
| 2.C.5                 | NA              | NA              | #WERT!       | #WERT!                            | <a href="#">here</a>                                  |
| 2.C.6                 | NA              | NA              | #WERT!       | #WERT!                            | <a href="#">here</a>                                  |
| 2.C.7.a               | NA              | NA              | #WERT!       | #WERT!                            | <a href="#">here</a>                                  |

|                       | Submission 2025 | Submission 2026 | Difference   |               | Reasoning                         |
|-----------------------|-----------------|-----------------|--------------|---------------|-----------------------------------|
| NFR Sector            | [t]             |                 |              | relative      | see description and reasoning in: |
| <b>NATIONAL TOTAL</b> | <b>22,72</b>    | <b>22,46</b>    | <b>-0,26</b> | <b>-1,15%</b> | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b> | <b>22,21</b>    | <b>21,95</b>    | <b>-0,26</b> | <b>-1,18%</b> | <b>sub-category chapters</b>      |
| 2.C.7.b               | NO              | NO              | #WERT!       | #WERT!        | <a href="#">here</a>              |
| 2.C.7.c               | NA              | NA              | #WERT!       | #WERT!        | <a href="#">here</a>              |
| 2.C.7.d               | NA              | NA              | #WERT!       | #WERT!        | <a href="#">here</a>              |
| 2.D.3.a               | NA              | NA              | #WERT!       | #WERT!        | <a href="#">here</a>              |
| 2.D.3.b               | NE              | NE              | #WERT!       | #WERT!        | <a href="#">here</a>              |
| 2.D.3.c               | NE              | NE              | #WERT!       | #WERT!        | <a href="#">here</a>              |
| 2.D.3.d               | NA              | NA              | #WERT!       | #WERT!        | <a href="#">here</a>              |
| 2.D.3.e               | NA              | NA              | #WERT!       | #WERT!        | <a href="#">here</a>              |
| 2.D.3.f               | NA              | NA              | #WERT!       | #WERT!        | <a href="#">here</a>              |
| 2.D.3.g               | NA              | NA              | #WERT!       | #WERT!        | <a href="#">here</a>              |
| 2.D.3.h               | NA              | NA              | #WERT!       | #WERT!        | <a href="#">here</a>              |
| 2.D.3.i               | NA              | NA              | #WERT!       | #WERT!        | <a href="#">here</a>              |
| 2.G                   | 0,025913        | 0,025916        | 0,0000039    | 0,02%         | <a href="#">here</a>              |
| 2.H.1                 | NA              | NA              | #WERT!       | #WERT!        | <a href="#">here</a>              |
| 2.H.2                 | NA              | NA              | #WERT!       | #WERT!        | <a href="#">here</a>              |
| 2.H.3                 | NA              | NA              | #WERT!       | #WERT!        | <a href="#">here</a>              |
| 2.I                   | NA              | NA              | #WERT!       | #WERT!        | <a href="#">here</a>              |
| 2.J                   | NO              | NO              | #WERT!       | #WERT!        | <a href="#">here</a>              |
| 2.K                   | NA              | NA              | #WERT!       | #WERT!        | <a href="#">here</a>              |
| 2.L                   | NA              | NA              | #WERT!       | #WERT!        | <a href="#">here</a>              |
| NFR 3 - Agriculture   | 0,0000000       | 0,0000000       | 0,0000       | #DIV/0!       | sub-category chapters             |
| NFR 5 - Waste         | 0,48            | 0,48            | 0,00         | 0,00%         | sub-category chapters             |
| NFR 6 - Other         | 0,0000000       | 0,0000000       | 0,0000       | #DIV/0!       |                                   |