

|                          |     |        |     |     |       |      |     |    |    |    |    |    |    |    |    |    |    |    |        |       |       |       |       |        |     |     |
|--------------------------|-----|--------|-----|-----|-------|------|-----|----|----|----|----|----|----|----|----|----|----|----|--------|-------|-------|-------|-------|--------|-----|-----|
| 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 - Black Carbon (BC)

The changes within the **National Total** reported for **1995 (+1.07 kt or +2.81 %)** result form a **variety of revisions in NFRs 1 and 5** with the **most significant changes in sub-categories 1.A.2.g vii** (-1.47 kt) and **1.A.4.c ii** (+2.7 kt).

Table 1: Changes of emission estimates 2000

|                            | Submission 2024 | Submission 2025 | Difference  |              |
|----------------------------|-----------------|-----------------|-------------|--------------|
| NFR Sector                 | [kt]            |                 | relative    |              |
| <b>NATIONAL TOTAL</b>      | <b>39.20</b>    | <b>39.20</b>    | <b>0.00</b> | <b>0.00%</b> |
| <b>NFR 1 - Energy</b>      | <b>38.45</b>    | <b>38.45</b>    | <b>0.00</b> | <b>0.00%</b> |
| <b>NFR 2 - IPPU</b>        | <b>0.02</b>     | <b>0.02</b>     | <b>0.00</b> | <b>0.00%</b> |
| <b>NFR 3 - Agriculture</b> | <b>NA</b>       |                 |             |              |
| <b>NFR 5 - Waste</b>       | <b>0.73</b>     | <b>0.73</b>     | <b>0.00</b> | <b>0.00%</b> |
| <b>NFR 6 - Other</b>       | <b>NA</b>       |                 |             |              |

The changes within the **National Total** reported for **2022 (+0.11 kt or +1,12 %)** result form a **variety of revisions in NFRs 1 and 5** with the biggest change occuring for NFR sub-category **1.A.4.b i** with **plus 0.11 kt**.

The most significant percental changes occur for **NFRs 1.A.2.g viii with minus 52 %**.

Table 2: Changes of emission estimates 2022

|                            | Submission 2024  | Submission 2025  | Difference       |              | Reasoning                         |
|----------------------------|------------------|------------------|------------------|--------------|-----------------------------------|
| NFR Sector                 | [kt]             |                  | relative         |              | see description and reasoning in: |
| <b>NATIONAL TOTAL</b>      | <b>9.98</b>      | <b>10.09</b>     | <b>0.11</b>      | <b>1.12%</b> | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b>      | <b>9.31</b>      | <b>9.38</b>      | <b>0.07</b>      | <b>0.73%</b> | <b>sub-category chapters</b>      |
| 1.A.1.a                    | 0.03449          | 0.03442          | -0.00007         | -0.20%       | <a href="#">here</a>              |
| 1.A.1.b                    | 0.030            | 0.035            | 0.005            | 15.69%       | <a href="#">here</a>              |
| 1.A.1.c                    | 0.00038          | 0.00036          | -0.00002         | -5.17%       | <a href="#">here</a>              |
| 1.A.2.g vii                | 0.25             | 0.23             | -0.02            | -7.47%       | <a href="#">here</a>              |
| 1.A.2.g viii               | 0.067            | 0.032            | -0.03            | -51.71%      | <a href="#">here</a>              |
| 1.A.3.a i(i)               | 0.02449          | 0.02454          | 0.00005          | 0.19%        | <a href="#">here</a>              |
| 1.A.3.a ii(i)              | 0.006359         | 0.006362         | 0.000003         | 0.04%        | <a href="#">here</a>              |
| 1.A.3.b i                  | 0.902            | 0.903            | 0.001            | 0.09%        | <a href="#">here</a>              |
| 1.A.3.b ii                 | 0.681            | 0.669            | -0.01            | -1.69%       | <a href="#">here</a>              |
| 1.A.3.b iii                | 0.454            | 0.459            | 0.005            | 1.09%        | <a href="#">here</a>              |
| 1.A.3.b iv                 | 0.179            | 0.174            | -0.005           | -2.98%       | <a href="#">here</a>              |
| 1.A.3.c                    | 0.0861           | 0.0865           | 0.0004           | 0.47%        | <a href="#">here</a>              |
| 1.A.3.d ii                 | 0.21             | 0.21             | -0.004           | -1.82%       | <a href="#">here</a>              |
| 1.A.4.a i                  | 0.51             | 0.49             | -0.02            | -3.70%       | <a href="#">here</a>              |
| 1.A.4.a ii                 | 0.11             | 0.10             | -0.02            | -16.04%      | <a href="#">here</a>              |
| 1.A.4.b i                  | 1.65             | 1.76             | 0.11             | 6.49%        | <a href="#">here</a>              |
| 1.A.4.b ii                 | 0.007            | 0.005            | -0.001           | -20.20%      | <a href="#">here</a>              |
| 1.A.4.c i                  | 0.088            | 0.087            | -0.001           | -1.35%       | <a href="#">here</a>              |
| 1.A.4.c ii                 | 2.21             | 2.26             | 0.05             | 2.34%        | <a href="#">here</a>              |
| 1.A.5.b                    | 0.03             | 0.04             | 0.01             | 39.36%       | <a href="#">here</a>              |
| <b>NFR 2 - IPPU</b>        | <b>0.0106297</b> | <b>0.0106303</b> | <b>0.0000006</b> | <b>0.01%</b> | <b>sub-category chapters</b>      |
| 2.G                        | 0.0077013        | 0.0077019        | 0.0000006        | 0.01%        | <a href="#">here</a>              |
| <b>NFR 3 - Agriculture</b> | <b>NA</b>        |                  |                  |              |                                   |
| <b>NFR 5 - Waste</b>       | <b>0.66</b>      | <b>0.71</b>      | <b>0.04</b>      | <b>6.69%</b> | <b>sub-category chapters</b>      |
| 5.E                        | 0.32             | 0.36             | 0.04             | 13.82%       | <a href="#">here</a>              |

|                | Submission 2024 | Submission 2025 | Difference |          | Reasoning                         |
|----------------|-----------------|-----------------|------------|----------|-----------------------------------|
| NFR Sector     | [kt]            |                 |            | relative | see description and reasoning in: |
| NATIONAL TOTAL | 9.98            | 10.09           | 0.11       | 1.12%    | sub-category chapters             |
| NFR 1 - Energy | 9.31            | 9.38            | 0.07       | 0.73%    | sub-category chapters             |
| NFR 6 - Other  | NA              |                 |            |          |                                   |