

|                          |     |        |     |     |       |      |     |    |    |    |    |    |    |    |    |    |    |    |        |       |       |       |       |        |     |     |
|--------------------------|-----|--------|-----|-----|-------|------|-----|----|----|----|----|----|----|----|----|----|----|----|--------|-------|-------|-------|-------|--------|-----|-----|
| 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 | l[x]P | PAH1-4 | HCb | PCB |
|--------------------------|-----|--------|-----|-----|-------|------|-----|----|----|----|----|----|----|----|----|----|----|----|--------|-------|-------|-------|-------|--------|-----|-----|

## Recalculations - Lead (Pb)

The remarkably strong changes in the **National Total** reported for **1990 (+22.1 kt or +1.16 %)** result almost entirely from a revision in NFR sub-category **1.A.3.b vi with +22.09 t**.

However, the by far strongest percental change occurs for NFR **5.C.1.b v with plus 161,190 %**

Table 1: Changes of emission estimates 1990

|                            | Submission 2025 | Submission 2026 | Difference   |              | Reasoning                         |
|----------------------------|-----------------|-----------------|--------------|--------------|-----------------------------------|
| NFR Sector                 | [t]             |                 |              | relative     | see description and reasoning in: |
| <b>NATIONAL TOTAL</b>      | <b>1.899,27</b> | <b>1.921,37</b> | <b>22,10</b> | <b>1,16%</b> | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b>      | <b>1.499,08</b> | <b>1.521,17</b> | <b>22,09</b> | <b>1,47%</b> | <b>sub-category chapters</b>      |
| 1.A.2.g vii                | 2,0891          | 2,0894          | 0,0003       | 0,02%        | <a href="#">here</a>              |
| 1.A.3.b vi                 | 33,05           | 55,15           | 22,09        | 66,84%       | <a href="#">here</a>              |
| 1.A.4.a ii                 | 0,00007793      | 0,00007791      | -0,00000002  | -0,03%       | <a href="#">here</a>              |
| 1.A.4.c ii                 | 4,5502          | 4,5499          | -0,0003      | -0,01%       | <a href="#">here</a>              |
| <b>NFR 2 - IPPU</b>        | <b>400,05</b>   | <b>400,05</b>   | <b>0,00</b>  | <b>0,00%</b> |                                   |
| <b>NFR 3 - Agriculture</b> | <b>NA</b>       |                 |              |              |                                   |
| <b>NFR 5 - Waste</b>       | <b>0,147</b>    | <b>0,152</b>    | <b>0,005</b> | <b>3,45%</b> | <b>sub-category chapters</b>      |
| 5.C.1.b v                  | 0,000003        | 0,005080        | 0,005076     | 161,190%     | <a href="#">here</a>              |
| <b>NFR 6 - Other</b>       | <b>NA</b>       |                 |              |              |                                   |

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The remarkably strong changes in the **National Total** reported for **2023 (+22.1 kt or +14.6 %)** result almost entirely from a revision in NFR sub-category **1.A.3.b vi with +23.7 t**.

However, the by far strongest percental change occurs for NFR **5.C.1.b v with plus 161,190 %**

Table 2: Changes of emission estimates 2023

|                       | Submission 2025 | Submission 2026 | Difference   |               | Reasoning                         |
|-----------------------|-----------------|-----------------|--------------|---------------|-----------------------------------|
| NFR Sector            | [t]             |                 |              | relative      | see description and reasoning in: |
| <b>NATIONAL TOTAL</b> | <b>151,08</b>   | <b>173,15</b>   | <b>22,08</b> | <b>14,61%</b> | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b> | <b>87,61</b>    | <b>109,67</b>   | <b>22,06</b> | <b>25,18%</b> | <b>sub-category chapters</b>      |
| 1.A.1.a               | 5,59            | 5,59            | 0,01         | 0,14%         | <a href="#">here</a>              |
| 1.A.1.b               | 5,66            | 5,74            | 0,08         | 1,45%         | <a href="#">here</a>              |
| 1.A.1.c               | 0,069           | 0,078           | 0,01         | 13,57%        | <a href="#">here</a>              |
| 1.A.2.g vii           | 0,00048         | 0,00053         | 0,00005      | 9,38%         | <a href="#">here</a>              |
| 1.A.2.g viii          | 0,43            | 0,39            | -0,04        | -9,11%        | <a href="#">here</a>              |
| 1.A.3.a i(i)          | 0,00405         | 0,00415         | 0,00009      | 2,34%         | <a href="#">here</a>              |
| 1.A.3.a ii(i)         | 0,205           | 0,209           | 0,005        | 2,34%         | <a href="#">here</a>              |
| 1.A.3.b i             | 0,0324          | 0,0323          | -0,0001      | -0,16%        | <a href="#">here</a>              |
| 1.A.3.b ii            | 0,00230         | 0,00227         | -0,00002     | -1,02%        | <a href="#">here</a>              |
| 1.A.3.b iii           | 0,0064          | 0,0063          | -0,0001      | -0,79%        | <a href="#">here</a>              |
| 1.A.3.b iv            | 0,00061         | 0,00060         | -0,00001     | -0,84%        | <a href="#">here</a>              |
| 1.A.3.b vi            | 48,16           | 71,87           | 23,70        | 49,22%        | <a href="#">here</a>              |
| 1.A.3.b vii           | 0,062           | 0,059           | -0,004       | -6,33%        | <a href="#">here</a>              |
| 1.A.3.c               | 0,087013        | 0,087009        | -0,000005    | -0,01%        | <a href="#">here</a>              |
| 1.A.3.d ii            | 0,037           | 0,036           | -0,001       | -1,76%        | <a href="#">here</a>              |
| 1.A.4.a i             | 22,98           | 21,29           | -1,69        | -7,37%        | <a href="#">here</a>              |
| 1.A.4.a ii            | 0,00005         | 0,00007         | 0,00002      | 38,53%        | <a href="#">here</a>              |
| 1.A.4.b i             | 4,22            | 4,21            | -0,01        | -0,31%        | <a href="#">here</a>              |

|                            | Submission 2025 | Submission 2026 | Difference        |                 | Reasoning                                |
|----------------------------|-----------------|-----------------|-------------------|-----------------|------------------------------------------|
| <b>NFR Sector</b>          | <b>[t]</b>      |                 |                   | <b>relative</b> | <b>see description and reasoning in:</b> |
| <b>NATIONAL TOTAL</b>      | <b>151,08</b>   | <b>173,15</b>   | <b>22,08</b>      | <b>14,61%</b>   | <b>sub-category chapters</b>             |
| <b>NFR 1 - Energy</b>      | <b>87,61</b>    | <b>109,67</b>   | <b>22,06</b>      | <b>25,18%</b>   | <b>sub-category chapters</b>             |
| 1.A.4.b ii                 | 0,00014         | 0,00013         | -0,00001          | -4,81%          | <a href="#">here</a>                     |
| 1.A.4.c ii                 | 0,00112         | 0,00096         | -0,00016          | -14,09%         | <a href="#">here</a>                     |
| 1.A.5.b                    | 0,000492        | 0,000491        | -0,000001         | -0,28%          | <a href="#">here</a>                     |
| <b>NFR 2 - IPPU</b>        | <b>63,3475</b>  | <b>63,3448</b>  | <b>-0,0027163</b> | <b>-0,004%</b>  | <b>sub-category chapters</b>             |
| 2.A.3                      | 0,5897          | 0,5870          | -0,0027221        | -0,46%          | <a href="#">here</a>                     |
| 2.G                        | 0,0014634       | 0,0014691       | 0,0000057         | 0,39%           | <a href="#">here</a>                     |
| <b>NFR 3 - Agriculture</b> | <b>NA</b>       |                 |                   |                 |                                          |
| <b>NFR 5 - Waste</b>       | <b>0,11376</b>  | <b>0,13759</b>  | <b>0,02383</b>    | <b>20,95%</b>   | <b>sub-category chapters</b>             |
| 5.C.1.b v                  | 0,00001         | 0,02344         | 0,02343           | 161,190%        | <a href="#">here</a>                     |
| 5.E                        | 0,01070         | 0,01110         | 0,00040           | 3,72%           | <a href="#">here</a>                     |
| <b>NFR 6 - Other</b>       | <b>NA</b>       |                 |                   |                 |                                          |