

# Recalculations - Lead (Pb)

With no reportable changes in the **National Total** reported for **1990**, marginally small revisions occur in **\*\*NFRs 1.A.2.g vii** and **1.A.4.a ii \*\***.

Here, the only significant percental change occurs for NFR **1.A.4.a ii with minus 2.16 %**.

Table 1: Changes of emission estimates 1990

|                            | Submission 2023 | Submission 2024 | Difference  |              | Reasoning                         |
|----------------------------|-----------------|-----------------|-------------|--------------|-----------------------------------|
| NFR Sector                 | [t]             |                 |             | relative     | see description and reasoning in: |
| <b>NATIONAL TOTAL</b>      | <b>1.899,27</b> | <b>1.899,27</b> | <b>0,00</b> | <b>0,00%</b> | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b>      | <b>1.499,08</b> | <b>1.499,08</b> | <b>0,00</b> | <b>0,00%</b> | <b>sub-category chapters</b>      |
| 1.A.4.a ii                 | 0,000080        | 0,000078        | -0,000002   | -2,16%       | <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>0,1469</b>   | <b>0,1469</b>   | <b>0,00</b> | <b>0,00%</b> |                                   |
| <b>NFR 6 - Other</b>       | <b>NA</b>       |                 |             |              |                                   |

The small changes within the **National Total** reported for **2021 (+0.82 kt or +0.53 %)** are dominated by a handful of **stronger revisions in NFR 1** with the biggest change occurring for NFR sub-category **1.A.4.a i with plus 0.44 kt** together with a variety of less significant revisions throughout NFRs 1, 2, 3 and 5.

The significant percental change occurring in NFR 1.A.3.b iii (+130 %) results from a correction of erroneous data reported with the previous submission.

Table 2: Changes of emission estimates 2022

|                            | Submission 2024 | Submission 2025 | Difference     |               | Reasoning                         |
|----------------------------|-----------------|-----------------|----------------|---------------|-----------------------------------|
| NFR Sector                 | [t]             |                 |                | relative      | see description and reasoning in: |
| <b>NATIONAL TOTAL</b>      | <b>154.45</b>   | <b>155.27</b>   | <b>0.82</b>    | <b>0.53%</b>  | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b>      | <b>82.06</b>    | <b>82.88</b>    | <b>0.82</b>    | <b>1.00%</b>  | <b>sub-category chapters</b>      |
| 1.A.1.a                    | 6.66            | 6.71            | 0.06           | 0.83%         | <a href="#">here</a>              |
| 1.A.1.b                    | 4.84            | 5.12            | 0.28           | 5.87%         | <a href="#">here</a>              |
| 1.A.1.c                    | 0.068           | 0.074           | 0.005          | 7.39%         | <a href="#">here</a>              |
| 1.A.2.g vii                | 0.00071         | 0.00055         | -0.00016       | -22.3%        | <a href="#">here</a>              |
| 1.A.2.g viii               | 0.56            | 0.53            | -0.03          | -5.92%        | <a href="#">here</a>              |
| 1.A.3.a i(i)               | 0.024           | 0.023           | -0.001         | -5.24%        | <a href="#">here</a>              |
| 1.A.3.a ii(i)              | 0.3028          | 0.3030          | 0.0002         | 0.07%         | <a href="#">here</a>              |
| 1.A.3.b i                  | 0.03022         | 0.03018         | -0.00004       | -0.13%        | <a href="#">here</a>              |
| 1.A.3.b ii                 | 0.00230         | 0.00227         | -0.00004       | -1.62%        | <a href="#">here</a>              |
| 1.A.3.b iii                | 0.003           | 0.007           | 0.004          | 130%          | <a href="#">here</a>              |
| 1.A.3.b iv                 | 0.000639        | 0.000646        | 0.000007       | 1.02%         | <a href="#">here</a>              |
| 1.A.3.b vi                 | 44.21           | 44.27           | 0.06           | 0.15%         | <a href="#">here</a>              |
| 1.A.3.b vii                | 0.05797         | 0.05799         | 0.00002        | 0.03%         | <a href="#">here</a>              |
| 1.A.3.d ii                 | 0.040           | 0.042           | 0.002          | 4.60%         | <a href="#">here</a>              |
| 1.A.4.a i                  | 20.45           | 20.89           | 0.44           | 2.14%         | <a href="#">here</a>              |
| 1.A.4.a ii                 | 0.000071        | 0.000075        | 0.000004       | 6.02%         | <a href="#">here</a>              |
| 1.A.4.b i                  | 4.6614          | 4.6615          | 0.0001         | 0.003%        | <a href="#">here</a>              |
| 1.A.4.b ii                 | 0.000129        | 0.000135        | 0.000006       | 4.60%         | <a href="#">here</a>              |
| 1.A.4.c i                  | 0.0685          | 0.0687          | 0.0002         | 0.27%         | <a href="#">here</a>              |
| 1.A.4.c ii                 | 0.00085         | 0.00110         | 0.00025        | 29.5%         | <a href="#">here</a>              |
| <b>NFR 2 - IPPU</b>        | <b>72.3353</b>  | <b>72.3358</b>  | <b>0.00048</b> | <b>0.001%</b> | <b>sub-category chapters</b>      |
| 2.A.3                      | 0.64401         | 0.64446         | 0.00045        | 0.07%         | <a href="#">here</a>              |
| 2.G                        | 0.00141         | 0.00144         | 0.00003        | 1.88%         | <a href="#">here</a>              |
| <b>NFR 3 - Agriculture</b> | <b>NA</b>       |                 |                |               |                                   |

|                       | Submission 2024 | Submission 2025 | Difference     |               | Reasoning                         |
|-----------------------|-----------------|-----------------|----------------|---------------|-----------------------------------|
| NFR Sector            | [t]             |                 |                | relative      | see description and reasoning in: |
| <b>NATIONAL TOTAL</b> | <b>154.45</b>   | <b>155.27</b>   | <b>0.82</b>    | <b>0.53%</b>  | sub-category chapters             |
| <b>NFR 1 - Energy</b> | <b>82.06</b>    | <b>82.88</b>    | <b>0.82</b>    | <b>1.00%</b>  | sub-category chapters             |
| <b>NFR 5 - Waste</b>  | <b>0.0527</b>   | <b>0.0521</b>   | <b>-0.0006</b> | <b>-1.09%</b> | sub-category chapters             |
| 5.E                   | 0.0097          | 0.0092          | -0.0006        | -5.92%        | <a href="#">here</a>              |
| <b>NFR 6 - Other</b>  | <b>NA</b>       |                 |                |               |                                   |