

# Recalculations - Lead (Pb)

The marginally small changes within the **National Total** reported for **1990 (+0.08 t | +0.004 %)** are dominated by revisions in **NFRs 1.A.3.a i(i) and 1.A.3.a i(ii)** where leaded avgas is applied.

Here, the most significant percental change occurs for NFR **1.A.3.a i(i) with minus 62 %**.

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>1.899,19</b> | <b>1.899,27</b> | <b>0,08</b>    | <b>0,004%</b> | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b>      | <b>1.499,00</b> | <b>1.499,08</b> | <b>0,08</b>    | <b>0,005%</b> | <b>sub-category chapters</b>      |
| 1.A.2.g vii                | 2,0893          | 2,0891          | -0,0002        | -0,01%        | <a href="#">here</a>              |
| 1.A.3.a i(i)               | 0,16            | 0,06            | -0,10          | -62,4%        | <a href="#">here</a>              |
| 1.A.3.a ii(i)              | 2,33            | 2,50            | 0,18           | 7,61%         | <a href="#">here</a>              |
| 1.A.3.c                    | 0,2468          | 0,2470          | 0,0002         | 0,07%         | <a href="#">here</a>              |
| 1.A.4.a ii                 | 0,00009         | 0,00008         | -0,00001       | -12,7%        | <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>0,00</b>     | <b>0,00</b>     | <b>0,00</b>    |               |                                   |
| <b>NFR 5 - Waste</b>       | <b>0,1475</b>   | <b>0,1469</b>   | <b>-0,0006</b> | <b>-0,39%</b> | <b>sub-category chapters</b>      |
| 5.E                        | 0,0095          | 0,0089          | -0,0006        | -6,07%        | <a href="#">here</a>              |
| <b>NFR 6 - Other</b>       | <b>0,00</b>     | <b>0,00</b>     | <b>0,00</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 most significant percental change occurs for **NFR 1.A.3.b iii with plus 130 %**.

Table 2: Changes of emission estimates 2021

|                       | Submission 2023 | Submission 2024 | 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>              |

|                            | Submission 2023 | Submission 2024 | 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>      |
| <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>       |                 |                |               |                                   |
| <b>NFR 5 - Waste</b>       | <b>0,0527</b>   | <b>0,0521</b>   | <b>-0,0006</b> | <b>-1,09%</b> | <b>sub-category chapters</b>      |
| 5.E                        | 0,0097          | 0,0092          | -0,0006        | -5,92%        | <a href="#">here</a>              |
| <b>NFR 6 - Other</b>       | <b>NA</b>       |                 |                |               |                                   |