

# Recalculations - Mercury (Hg)

The marginally small changes within the **National Total** reported for **1990 (+0.016 t or +0.05 %)** result almost entirely from **newly implemented emission estimates in NFRs 1.B.2.a.i and 1.B.2.b**. The **re-allocation of emissions within NFR 1.A.3.b** has no effect on the National Totals.

The most significant percental change occurs for NFR **1.A.3.b. ii** with plus 25 %.

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>35,53</b>    | <b>35,53</b>    | <b>-0,001</b>  | <b>-0,003%</b> | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b>      | <b>26,46275</b> | <b>26,46277</b> | <b>0,00002</b> | <b>0,0001%</b> | <b>sub-category chapters</b>      |
| 1.A.2.g vii                | 0,006           | 0,004           | -0,002         | -28,1%         | <a href="#">here</a>              |
| 1.A.3.a i(i)               | 0,000003        | 0,000001        | -0,000002      | -62,4%         | <a href="#">here</a>              |
| 1.A.3.a ii(i)              | 0,000049        | 0,000053        | 0,000004       | 7,61%          | <a href="#">here</a>              |
| 1.A.3.c                    | 0,01511         | 0,01513         | 0,00002        | 0,12%          | <a href="#">here</a>              |
| 1.A.4.a ii                 | 0,00097         | 0,00084         | -0,00012       | -12,7%         | <a href="#">here</a>              |
| 1.A.4.c ii                 | 0,007           | 0,009           | 0,002          | 24,9%          | <a href="#">here</a>              |
| <b>NFR 2 - IPPU</b>        | <b>9,033</b>    | <b>9,033</b>    | <b>0,000</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>0,0346</b>   | <b>0,0334</b>   | <b>-0,0012</b> | <b>-3,33%</b>  | <b>sub-category chapters</b>      |
| 5.E                        | 0,0191          | 0,0179          | -0,0012        | -6,02%         | <a href="#">here</a>              |
| <b>NFR 6 - Other</b>       | <b>0,00</b>     | <b>0,00</b>     | <b>0,00</b>    |                |                                   |

The changes within the **National Total** reported for **2020 (-0.29 t or -4.60 %)** is dominated by revisions in **NFRs 1.A.1.a (-0.37 t or 12 %) and 2.A.1 (+0.11 t or +20 %)** together with several changes throughout **NFRs 1 and 2**.

The significant percental change occurring in NFR 1.A.3.b iii results from a data error that will be corrected with the next annual submission.

Table 2: Changes of emission estimates 2020

|                       | Submission 2022 | Submission 2023 | Difference   |               | Reasoning                         |
|-----------------------|-----------------|-----------------|--------------|---------------|-----------------------------------|
| NFR Sector            | [t]             |                 |              | relative      | see description and reasoning in: |
| <b>NATIONAL TOTAL</b> | <b>6,29</b>     | <b>6,00</b>     | <b>-0,29</b> | <b>-4,60%</b> | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b> | <b>4,50</b>     | <b>4,14</b>     | <b>-0,36</b> | <b>-8,03%</b> | <b>sub-category chapters</b>      |
| 1.A.1.a               | 3,14            | 2,77            | -0,37        | -11,76%       | <a href="#">here</a>              |
| 1.A.1.b               | 0,2372          | 0,2376          | 0,0004       | 0,16%         | <a href="#">here</a>              |
| 1.A.1.c               | 0,14            | 0,12            | -0,02        | -16,26%       | <a href="#">here</a>              |
| 1.A.2.a               | 0,001203        | 0,001207        | 0,000004     | 0,33%         | <a href="#">here</a>              |
| 1.A.2.g vii           | 0,0066          | 0,0068          | 0,0002       | 3,62%         | <a href="#">here</a>              |
| 1.A.2.g viii          | 0,29            | 0,37            | 0,08         | 26,44%        | <a href="#">here</a>              |
| 1.A.3.a i(i)          | 0,000000192     | 0,000000191     | -0,000000001 | -0,42%        | <a href="#">here</a>              |
| 1.A.3.a ii(i)         | 0,000004949     | 0,000004951     | 0,000000002  | 0,03%         | <a href="#">here</a>              |
| 1.A.3.b i             | 0,1972          | 0,1975          | 0,0003       | 0,18%         | <a href="#">here</a>              |
| 1.A.3.b ii            | 0,0205          | 0,0211          | 0,0005       | 2,54%         | <a href="#">here</a>              |
| 1.A.3.b iii           | 0,08            | 0,03            | -0,05        | -65,91%       | <a href="#">here</a>              |
| 1.A.3.b iv            | 0,00378         | 0,00382         | 0,00004      | 1,11%         | <a href="#">here</a>              |
| 1.A.3.c               | 0,0032          | 0,0033          | 0,0001       | 2,68%         | <a href="#">here</a>              |
| 1.A.4.a i             | 0,046           | 0,047           | 0,001        | 3,06%         | <a href="#">here</a>              |
| 1.A.4.a ii            | 0,00077         | 0,00078         | 0,00001      | 0,89%         | <a href="#">here</a>              |
| 1.A.4.b i             | 0,287           | 0,283           | -0,004       | -1,41%        | <a href="#">here</a>              |
| 1.A.4.b ii            | 0,0008          | 0,0007          | -0,0002      | -21,39%       | <a href="#">here</a>              |
| 1.A.4.c i             | 0,00278         | 0,00275         | -0,00003     | -1,20%        | <a href="#">here</a>              |
| 1.A.4.c ii            | 0,0078          | 0,0080          | 0,0002       | 2,27%         | <a href="#">here</a>              |

|                            | Submission 2022 | Submission 2023 | Difference   |                 | Reasoning                                |
|----------------------------|-----------------|-----------------|--------------|-----------------|------------------------------------------|
| <b>NFR Sector</b>          | <b>[t]</b>      |                 |              | <b>relative</b> | <b>see description and reasoning in:</b> |
| <b>NATIONAL TOTAL</b>      | <b>6,29</b>     | <b>6,00</b>     | <b>-0,29</b> | <b>-4,60%</b>   | <b>sub-category chapters</b>             |
| <b>NFR 1 - Energy</b>      | <b>4,50</b>     | <b>4,14</b>     | <b>-0,36</b> | <b>-8,03%</b>   | <b>sub-category chapters</b>             |
| 1.A.5.a                    | 0,00056         | 0,00057         | 0,00002      | 2,90%           | <a href="#">here</a>                     |
| 1.B.1.b                    | 0,014           | 0,014           | -0,001       | -3,57%          | <a href="#">here</a>                     |
| <b>NFR 2 - IPPU</b>        | <b>1,74</b>     | <b>1,81</b>     | <b>0,07</b>  | <b>4,15%</b>    | <b>sub-category chapters</b>             |
| 2.A.1                      | 0,55            | 0,66            | 0,11         | 19,82%          | <a href="#">here</a>                     |
| 2.A.2                      | 0,01            | 0,01            | 0,00         | 0,00%           | <a href="#">here</a>                     |
| 2.B.10.a                   | 0,07            | 0,03            | -0,04        | -52,92%         | <a href="#">here</a>                     |
| <b>NFR 3 - Agriculture</b> | <b>NA</b>       |                 |              |                 |                                          |
| <b>NFR 5 - Waste</b>       | <b>0,05</b>     | <b>0,05</b>     | <b>0,00</b>  | <b>0,00%</b>    |                                          |
| <b>NFR 6 - Other</b>       | <b>NA</b>       |                 |              |                 |                                          |