

# Recalculations - Selenium (Se)

The marginally small changes within the **1990 National Total (+0.00005 t or +0.001 %)** result from a variety of revisions throughout NFRS 1 and 2 - with the strongest percental change occurring in **NFR 1.A.3.a i(i) with minus 62 %**.

Table 1: Changes in emission estimates for 1990

|                            | Submission 2023 | Submission 2024 | Difference     |                | Reasoning                         |
|----------------------------|-----------------|-----------------|----------------|----------------|-----------------------------------|
| NFR Sector                 | [t]             |                 |                | relative       | see description and reasoning in: |
| <b>NATIONAL TOTAL</b>      | <b>5,72714</b>  | <b>5,72720</b>  | <b>0,00005</b> | <b>0,001%</b>  | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b>      | <b>2,02684</b>  | <b>2,02687</b>  | <b>0,00003</b> | <b>0,002%</b>  | <b>sub-category chapters</b>      |
| 1.A.2.g vii                | 0,00012         | 0,00009         | -0,00003       | -27,8%         | <a href="#">here</a>              |
| 1.A.3.a i(i)               | 0,00000008      | 0,00000003      | -0,00000005    | -62,4%         | <a href="#">here</a>              |
| 1.A.3.a ii(i)              | 0,0000011       | 0,0000012       | 0,0000001      | 7,61%          | <a href="#">here</a>              |
| 1.A.3.c                    | 0,00895         | 0,00899         | 0,00003        | 0,38%          | <a href="#">here</a>              |
| 1.A.4.a ii                 | 0,000018        | 0,000016        | -0,000002      | -12,7%         | <a href="#">here</a>              |
| 1.A.4.c ii                 | 0,00659         | 0,00663         | 0,00004        | 0,54%          | <a href="#">here</a>              |
| <b>NFR 2 - IPPU</b>        | <b>3,70031</b>  | <b>3,70032</b>  | <b>0,00002</b> | <b>0,0004%</b> | <b>sub-category chapters</b>      |
| 2.G                        | 0,15948         | 0,15949         | 0,00002        | 0,01%          | <a href="#">here</a>              |
| <b>NFR 3 - Agriculture</b> | <b>0,00</b>     | <b>0,00</b>     | <b>0,00</b>    |                |                                   |
| <b>NFR 5 - Waste</b>       | <b>0,00</b>     | <b>0,00</b>     | <b>0,00</b>    |                |                                   |
| <b>NFR 6 - Other</b>       | <b>0,00</b>     | <b>0,00</b>     | <b>0,00</b>    |                |                                   |

The significant changes within the **National Total** reported for **2021 (+5.80 t or +4.43 %)** are dominated by revisions in **NFR sub-categories 1.A.1.b (+2.89 t) and 1.A.3.c (3.18 t)** together with a **variety of revisions throughout NFRs 1 and 2**.

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 in emission estimates for 2021

|                            | Submission 2022 | Submission 2023 | Difference     |              | Reasoning                         |
|----------------------------|-----------------|-----------------|----------------|--------------|-----------------------------------|
| NFR Sector                 | [t]             |                 |                | relative     | see description and reasoning in: |
| <b>NATIONAL TOTAL</b>      | <b>2,6506</b>   | <b>2,6682</b>   | <b>0,0176</b>  | <b>0,66%</b> | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b>      | <b>1,1901</b>   | <b>1,2045</b>   | <b>0,0143</b>  | <b>1,20%</b> | <b>sub-category chapters</b>      |
| 1.A.1.a                    | 0,069           | 0,068           | -0,001         | -1,93%       | <a href="#">here</a>              |
| 1.A.1.b                    | 0,76            | 0,77            | 0,01           | 1,42%        | <a href="#">here</a>              |
| 1.A.2.g vii                | 0,000127        | 0,000132        | 0,000005       | 4,09%        | <a href="#">here</a>              |
| 1.A.2.g viii               | 0,014           | 0,021           | 0,006          | 44,75%       | <a href="#">here</a>              |
| 1.A.3.a i(i)               | 0,00000000441   | 0,00000000439   | -0,00000000002 | -0,42%       | <a href="#">here</a>              |
| 1.A.3.a ii(i)              | 0,00000011377   | 0,00000011381   | 0,00000000004  | 0,03%        | <a href="#">here</a>              |
| 1.A.3.b i                  | 0,004232        | 0,004237        | 0,000005       | 0,12%        | <a href="#">here</a>              |
| 1.A.3.b ii                 | 0,000389        | 0,000400        | 0,000011       | 2,70%        | <a href="#">here</a>              |
| 1.A.3.b iii                | 0,0015          | 0,0005          | -0,0010        | -65,91%      | <a href="#">here</a>              |
| 1.A.3.b iv                 | 0,000087        | 0,000088        | 0,000001       | 1,11%        | <a href="#">here</a>              |
| 1.A.3.b vi                 | 0,3090          | 0,3074          | -0,002         | -0,50%       | <a href="#">here</a>              |
| 1.A.3.c                    | 0,0024          | 0,0025          | 0,0001         | 6,28%        | <a href="#">here</a>              |
| 1.A.4.a ii                 | 0,0000145       | 0,0000147       | 0,0000001      | 0,89%        | <a href="#">here</a>              |
| 1.A.4.b ii                 | 0,0019          | 0,0015          | -0,0004        | -21,39%      | <a href="#">here</a>              |
| 1.A.4.c ii                 | 0,005           | 0,006           | 0,001          | 24,99%       | <a href="#">here</a>              |
| <b>NFR 2 - IPPU</b>        | <b>1,4605</b>   | <b>1,4637</b>   | <b>0,0032</b>  | <b>0,22%</b> | <b>sub-category chapters</b>      |
| 2.A.3                      | 1,2586          | 1,2624          | 0,0039         | 0,31%        | <a href="#">here</a>              |
| 2.G                        | 0,2017          | 0,2011          | -0,0006        | -0,31%       | <a href="#">here</a>              |
| <b>NFR 3 - Agriculture</b> | <b>NA</b>       |                 |                |              |                                   |

|                       | 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>2,6506</b>   | <b>2,6682</b>   | <b>0,0176</b> | <b>0,66%</b>    | <b>sub-category chapters</b>             |
| <b>NFR 1 - Energy</b> | <b>1,1901</b>   | <b>1,2045</b>   | <b>0,0143</b> | <b>1,20%</b>    | <b>sub-category chapters</b>             |
| <b>NFR 5 - Waste</b>  | <b>NA</b>       |                 |               |                 |                                          |
| <b>NFR 6 - Other</b>  | <b>NA</b>       |                 |               |                 |                                          |