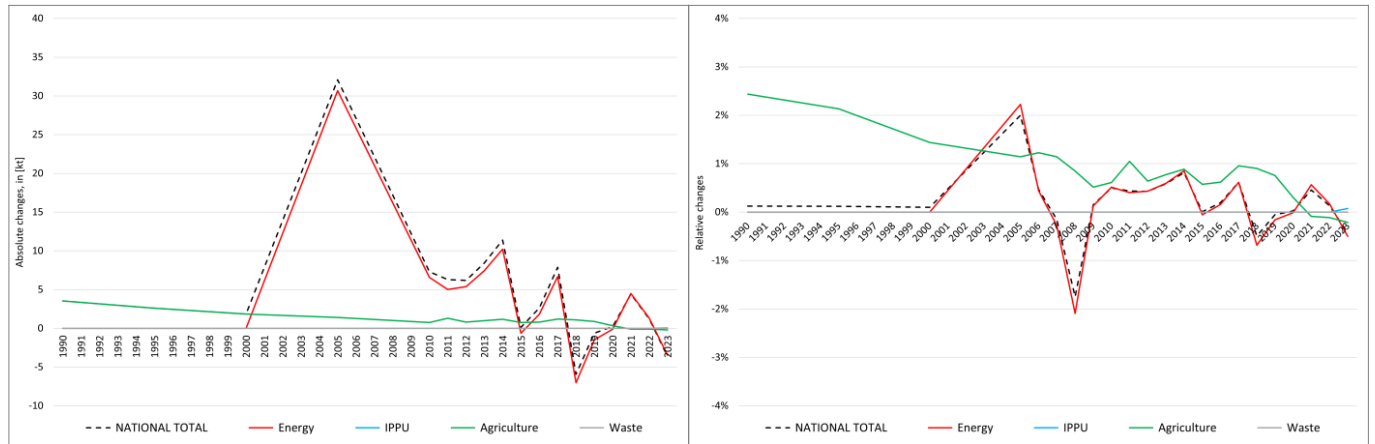


# Recalculations - Nitrogen Oxides



The marginal changes within the **National Total** reported for **1990 (+3.77 kt or +0.13 %)** are dominated by changes in NFRs **1.A.3.d ii**, **1.A.2.g vii** and **1.A.4.c ii** together with less significant revisions throughout NFRs 1, 2 and 3. The most significant percental change occurs for **NFR 3.B.4.e with plus 450 %**.

Table 1: Changes of emission estimates 1990



The small changes within the **National Total** reported for **2023 (-3.65 kt or -0.43 %)** are dominated by **revisions throughout NFR 1** with the most significant *absolute* change occurring for **NFR 1.A.4.c ii with minus 4.58 kt** together with less significant revisions **throughout NFRs 2 and 3**.

Here, the most significant *percental* change occurs for **NFR 1.A.2.g vii with plus 34.4 %**.

Table 2: Changes of emission estimates 2023

|                       | Submission 2025 | Submission 2026 | Difference   |               | Reasoning                         |
|-----------------------|-----------------|-----------------|--------------|---------------|-----------------------------------|
| NFR Sector            | [kt]            |                 |              | relative      | see description and reasoning in: |
| <b>NATIONAL TOTAL</b> | <b>844.88</b>   | <b>841.23</b>   | <b>-3.65</b> | <b>-0.43%</b> | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b> | <b>695.05</b>   | <b>691.57</b>   | <b>-3.48</b> | <b>-0.50%</b> | <b>sub-category chapters</b>      |
| 1.A.1.a               | 168.11          | 169.59          | 1.48         | 0.88%         | <a href="#">here</a>              |
| 1.A.1.b               | 14.34           | 14.24           | -0.10        | -0.69%        | <a href="#">here</a>              |
| 1.A.1.c               | 10.84           | 11.58           | 0.74         | 6.79%         | <a href="#">here</a>              |
| 1.A.2.a               | 3.86            | 3.90            | 0.04         | 0.93%         | <a href="#">here</a>              |
| 1.A.2.b               | 0.944           | 0.939           | -0.004       | -0.47%        | <a href="#">here</a>              |
| 1.A.2.e               | 0.23            | 0.19            | -0.05        | -19.84%       | <a href="#">here</a>              |
| 1.A.2.g vii           | 5.15            | 6.92            | 1.77         | 34.37%        | <a href="#">here</a>              |
| 1.A.2.g viii          | 59.41           | 58.18           | -1.24        | -2.08%        | <a href="#">here</a>              |
| 1.A.3.b i             | 169.24          | 169.07          | -0.16        | -0.10%        | <a href="#">here</a>              |
| 1.A.3.b ii            | 41.34           | 40.92           | -0.42        | -1.02%        | <a href="#">here</a>              |
| 1.A.3.b iii           | 59.99           | 59.53           | -0.47        | -0.78%        | <a href="#">here</a>              |
| 1.A.3.b iv            | 1.18            | 1.17            | -0.01        | -0.85%        | <a href="#">here</a>              |
| 1.A.3.c               | 7.358           | 7.360           | 0.002        | 0.03%         | <a href="#">here</a>              |
| 1.A.3.d ii            | 19.69           | 19.20           | -0.49        | -2.49%        | <a href="#">here</a>              |
| 1.A.4.a i             | 17.74           | 17.00           | -0.74        | -4.16%        | <a href="#">here</a>              |
| 1.A.4.a ii            | 5.45            | 5.95            | 0.51         | 9.29%         | <a href="#">here</a>              |
| 1.A.4.b i             | 53.69           | 53.84           | 0.14         | 0.27%         | <a href="#">here</a>              |
| 1.A.4.b ii            | 0.40            | 0.38            | -0.02        | -4.81%        | <a href="#">here</a>              |
| 1.A.4.c i             | 7.575           | 7.578           | 0.003        | 0.04%         | <a href="#">here</a>              |
| 1.A.4.c ii            | 32.43           | 27.85           | -4.58        | -14.13%       | <a href="#">here</a>              |

|                            | Submission 2025 | Submission 2026 | Difference   |               | Reasoning                         |
|----------------------------|-----------------|-----------------|--------------|---------------|-----------------------------------|
| NFR Sector                 | [kt]            |                 |              | relative      | see description and reasoning in: |
| <b>NATIONAL TOTAL</b>      | <b>844.88</b>   | <b>841.23</b>   | <b>-3.65</b> | <b>-0.43%</b> | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b>      | <b>695.05</b>   | <b>691.57</b>   | <b>-3.48</b> | <b>-0.50%</b> | <b>sub-category chapters</b>      |
| 1.A.5.a                    | 0.248           | 0.252           | 0.004        | 1.52%         | <a href="#">here</a>              |
| 1.A.5.b                    | 2.80            | 2.88            | 0.07         | 2.59%         | <a href="#">here</a>              |
| 1.B.1.b                    | 0.23            | 0.29            | 0.05         | 23.38%        | <a href="#">here</a>              |
| 1.B.2.a iv                 | 0.652           | 0.651           | -0.002       | -0.26%        |                                   |
| 1.B.2.c                    | 0.306           | 0.303           | -0.003       | -1.04%        |                                   |
| <b>NFR 2 - IPPU</b>        | <b>49.23</b>    | <b>49.27</b>    | <b>0.04</b>  | <b>0.07%</b>  | <b>sub-category chapters</b>      |
| 2.A.3                      | 9.91            | 9.95            | 0.03         | 0.33%         | <a href="#">here</a>              |
| 2.C.1                      | 18.520          | 18.522          | 0.003        | 0.02%         | <a href="#">here</a>              |
| 2.G                        | 0.18754         | 0.18757         | 0.00003      | 0.01%         | <a href="#">here</a>              |
| <b>NFR 3 - Agriculture</b> | <b>99.51</b>    | <b>99.30</b>    | <b>-0.21</b> | <b>-0.21%</b> | <b>sub-category chapters</b>      |
| 3.B.1.a                    | 0.545           | 0.520           | -0.02        | -4.54%        | <a href="#">here</a>              |
| 3.B.1.b                    | 0.558           | 0.556           | -0.003       | -0.47%        | <a href="#">here</a>              |
| 3.B.3                      | 0.22            | 0.21            | -0.01        | -6.09%        | <a href="#">here</a>              |
| 3.B.4.e                    | 0.23            | 0.27            | 0.04         | 15.85%        | <a href="#">here</a>              |
| 3.B.4.g i                  | 0.017           | 0.013           | -0.004       | -24.25%       | <a href="#">here</a>              |
| 3.B.4.g ii                 | 0.013           | 0.010           | -0.003       | -23.09%       | <a href="#">here</a>              |
| 3.B.4.g iii                | 0.007           | 0.005           | -0.002       | -25.27%       | <a href="#">here</a>              |
| 3.B.4.g iv                 | 0.0020          | 0.0016          | -0.0004      | -18.73%       | <a href="#">here</a>              |
| 3.D.a.1                    | 40.89           | 41.31           | 0.41         | 1.01%         | <a href="#">here</a>              |
| 3.D.a.2.a                  | 36.65           | 36.44           | -0.21        | -0.58%        | <a href="#">here</a>              |
| 3.D.a.2.b                  | 0.476           | 0.410           | -0.07        | -13.84%       | <a href="#">here</a>              |
| 3.D.a.2.c                  | 14.61           | 14.27           | -0.34        | -2.31%        | <a href="#">here</a>              |
| 3.D.a.3                    | 5.17            | 5.19            | 0.03         | 0.52%         | <a href="#">here</a>              |
| 3.I                        | 0.09            | 0.07            | -0.02        | -23.60%       | <a href="#">here</a>              |
| <b>NFR 5 - Waste</b>       | <b>1.09</b>     | <b>1.09</b>     | <b>0.00</b>  | <b>0.00%</b>  |                                   |
| <b>NFR 6 - Other</b>       | <b>NA</b>       |                 |              |               |                                   |