

## Recalculations - Ammonia



The small changes within the **National Total** reported for **1990 (-7.32 kt or -0.88 %)** are dominated by revisions in sub-categories of **NFR 3** (-7.32 kt) together with less significant changes throughout NFRs 1 and 3.

The most significant percental change occurs for **NFR 3.D.a.1 with minus 5.88 %**.

Table 1: Changes in emission estimates for 1990

|                            | Submission 2025 | Submission 2026 | Difference   |               | Reasoning                         |
|----------------------------|-----------------|-----------------|--------------|---------------|-----------------------------------|
| NFR Sector                 | [kt]            |                 | absolute     | relative      | see description and reasoning in: |
| <b>NATIONAL TOTAL</b>      | <b>834,48</b>   | <b>827,15</b>   | <b>-7,32</b> | <b>-0,88%</b> | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b>      | <b>15,89</b>    | <b>15,89</b>    | <b>0,00</b>  | <b>0,00%</b>  | <b>sub-category chapters</b>      |
| 1.A.2.g vii                | 0,005513        | 0,005514        | 0,000001     | 0,01%         | <a href="#">here</a>              |
| 1.A.4.a ii                 | 0,0016202       | 0,0016199       | -0,0000003   | -0,02%        | <a href="#">here</a>              |
| 1.A.4.c ii                 | 0,0115413       | 0,0115411       | -0,0000001   | -0,001%       | <a href="#">here</a>              |
| <b>NFR 2 - IPPU</b>        | <b>14,68</b>    | <b>14,68</b>    | <b>0,00</b>  | <b>0,00%</b>  |                                   |
| <b>NFR 3 - Agriculture</b> | <b>789,32</b>   | <b>782,00</b>   | <b>-7,32</b> | <b>-0,93%</b> | <b>sub-category chapters</b>      |
| 3.B.1.a                    | 60,08           | 58,81           | -1,27        | -2,11%        | <a href="#">here</a>              |
| 3.B.3                      | 120,20          | 118,02          | -2,18        | -1,82%        | <a href="#">here</a>              |
| 3.D.a.1                    | 129,55          | 121,93          | -7,61        | -5,88%        | <a href="#">here</a>              |
| 3.D.a.2.a                  | 320,57          | 324,37          | 3,79         | 1,18%         | <a href="#">here</a>              |
| 3.D.a.2.c                  | 1,5789          | 1,5785          | -0,0004      | -0,02%        | <a href="#">here</a>              |
| 3.D.a.3                    | 24,58           | 24,50           | -0,08        | -0,32%        | <a href="#">here</a>              |
| 3.D.a.4                    | 8,70            | 8,73            | 0,03         | 0,34%         | <a href="#">here</a>              |
| <b>NFR 5 - Waste</b>       | <b>0,34</b>     | <b>0,34</b>     | <b>0,00</b>  | <b>0,00%</b>  |                                   |
| <b>NFR 6 - Other</b>       | <b>14,25</b>    | <b>14,25</b>    | <b>0,00</b>  | <b>0,00%</b>  |                                   |

The strong changes within the **National Total** reported for **2023 (-37.46 kt or -6.58 %)** result mainly from revisions throughout **NFR 3** (-37.53 kt) together with less significant changes throughout NFRs 1, 2, and 5.

The most significant percental changes occur for NFR sub-categories **1.A.2.g vii with plus 30.2 %** and **3.D.a.1 with minus 28.7 %**.

Table 2: Changes in emission estimates for 2023

|                            | Submission 2025 | Submission 2026 | Difference    |               | Reasoning                         |
|----------------------------|-----------------|-----------------|---------------|---------------|-----------------------------------|
| NFR Sector                 | [kt]            |                 | relative      |               | see description and reasoning in: |
| <b>NATIONAL TOTAL</b>      | <b>569,00</b>   | <b>531,54</b>   | <b>-37,46</b> | <b>-6,58%</b> | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b>      | <b>12,70</b>    | <b>12,71</b>    | <b>0,01</b>   | <b>0,08%</b>  | <b>sub-category chapters</b>      |
| 1.A.1.a                    | 0,5772          | 0,5771          | -0,0001       | -0,02%        | <a href="#">here</a>              |
| 1.A.1.b                    | 0,589           | 0,577           | -0,01         | -1,98%        | <a href="#">here</a>              |
| 1.A.1.c                    | 0,022           | 0,024           | 0,002         | 6,75%         | <a href="#">here</a>              |
| 1.A.2.a                    | 0,1011          | 0,1008          | -0,0003       | -0,31%        | <a href="#">here</a>              |
| 1.A.2.b                    | 0,0072          | 0,0067          | -0,0005       | -7,54%        | <a href="#">here</a>              |
| 1.A.2.e                    | 0,0024          | 0,0019          | -0,0005       | -21,14%       | <a href="#">here</a>              |
| 1.A.2.f                    | 0,0201          | 0,0202          | 0,0001        | 0,36%         | <a href="#">here</a>              |
| 1.A.2.g vii                | 0,0043          | 0,0056          | 0,0013        | 30,20%        | <a href="#">here</a>              |
| 1.A.2.g viii               | 0,352           | 0,367           | 0,015         | 4,23%         | <a href="#">here</a>              |
| 1.A.3.b i                  | 8,344           | 8,333           | -0,01         | -0,13%        | <a href="#">here</a>              |
| 1.A.3.b ii                 | 0,288           | 0,285           | -0,002        | -0,78%        | <a href="#">here</a>              |
| 1.A.3.b iii                | 0,672           | 0,663           | -0,01         | -1,30%        | <a href="#">here</a>              |
| 1.A.3.b iv                 | 0,0192          | 0,0190          | -0,0002       | -0,84%        | <a href="#">here</a>              |
| 1.A.3.c                    | 0,007104        | 0,007106        | 0,000002      | 0,02%         | <a href="#">here</a>              |
| 1.A.3.d ii                 | 0,0049          | 0,0048          | 0,00          | -2,20%        | <a href="#">here</a>              |
| 1.A.4.a i                  | 0,20            | 0,19            | -0,01         | -5,41%        | <a href="#">here</a>              |
| 1.A.4.a ii                 | 0,0015          | 0,0018          | 0,0003        | 18,06%        | <a href="#">here</a>              |
| 1.A.4.b i                  | 1,27            | 1,31            | 0,03          | 2,62%         | <a href="#">here</a>              |
| 1.A.4.b ii                 | 0,000322        | 0,000306        | -0,000015     | -4,81%        | <a href="#">here</a>              |
| 1.A.4.c i                  | 0,052           | 0,057           | 0,01          | 9,83%         | <a href="#">here</a>              |
| 1.A.4.c ii                 | 0,014           | 0,012           | -0,002        | -12,37%       | <a href="#">here</a>              |
| 1.A.5.a                    | 0,00679         | 0,00682         | 0,00002       | 0,35%         | <a href="#">here</a>              |
| 1.A.5.b                    | 0,023           | 0,025           | 0,002         | 7,94%         | <a href="#">here</a>              |
| <b>NFR 2 - IPPU</b>        | <b>7,389</b>    | <b>7,384</b>    | <b>-0,005</b> | <b>-0,07%</b> | <b>sub-category chapters</b>      |
| 2.A.3                      | 0,836           | 0,831           | -0,005        | -0,60%        | <a href="#">here</a>              |
| 2.G                        | 0,5299          | 0,5300          | 0,0001        | 0,02%         | <a href="#">here</a>              |
| <b>NFR 3 - Agriculture</b> | <b>526,95</b>   | <b>489,42</b>   | <b>-37,53</b> | <b>-7,12%</b> | <b>sub-category chapters</b>      |
| 3.B.1.a                    | 47,56           | 39,50           | -8,05         | -16,93%       | <a href="#">here</a>              |
| 3.B.1.b                    | 43,75           | 43,65           | -0,10         | -0,22%        | <a href="#">here</a>              |
| 3.B.3                      | 62,12           | 59,50           | -2,62         | -4,21%        | <a href="#">here</a>              |
| 3.B.4.e                    | 18,29           | 21,38           | 3,09          | 16,89%        | <a href="#">here</a>              |
| 3.B.4.g i                  | 6,77            | 6,74            | -0,03         | -0,44%        | <a href="#">here</a>              |
| 3.B.4.g ii                 | 7,67            | 7,57            | -0,11         | -1,41%        | <a href="#">here</a>              |
| 3.B.4.g iii                | 6,86            | 6,85            | -0,01         | -0,17%        | <a href="#">here</a>              |
| 3.B.4.g iv                 | 1,63            | 1,70            | 0,07          | 4,50%         | <a href="#">here</a>              |
| 3.D.a.1                    | 61,79           | 44,08           | -17,71        | -28,67%       | <a href="#">here</a>              |
| 3.D.a.2.a                  | 185,00          | 174,47          | -10,52        | -5,69%        | <a href="#">here</a>              |
| 3.D.a.2.b                  | 1,61            | 1,39            | -0,22         | -13,84%       | <a href="#">here</a>              |
| 3.D.a.2.c                  | 58,35           | 57,13           | -1,23         | -2,10%        | <a href="#">here</a>              |
| 3.D.a.3                    | 15,09           | 15,35           | 0,25          | 1,68%         | <a href="#">here</a>              |
| 3.D.a.4                    | 6,89            | 6,94            | 0,05          | 0,75%         | <a href="#">here</a>              |
| 3.I                        | 1,67            | 1,28            | -0,40         | -23,60%       | <a href="#">here</a>              |
| <b>NFR 5 - Waste</b>       | <b>3,797</b>    | <b>3,791</b>    | <b>-0,005</b> | <b>-0,14%</b> | <b>sub-category chapters</b>      |
| 5.B.1                      | 1,765           | 1,802           | 0,037         | 2,10%         | <a href="#">here</a>              |
| 5.B.2                      | 2,032           | 1,990           | -0,042        | -2,08%        | <a href="#">here</a>              |
| <b>NFR 6 - Other</b>       | <b>18,17</b>    | <b>18,24</b>    | <b>0,07</b>   | <b>0,41%</b>  | <b>sub-category chapters</b>      |
| 6.A                        | 18,17           | 18,24           | 0,07          | 0,41%         |                                   |