

Recalculations - Ammonia

The changes within the **National Total** reported for **1990 (+8.8 kt or +1.2 %)** are dominated by **newly implemented emission estimates for NFR 6.A (+ 6.25 kt)** together with less significant changes throughout NFRs 1 and 3.

The most significant percental change occurs for **NFR 3.D.a.2.c with plus 559 %**.

Table 1: Changes in emission estimates for 1990

| NFR Sector | Submission 2023 | Submission 2024 | Difference | | Reasoning see description and reasoning in: sub-category chapters |
|----------------------------|-----------------|-----------------|---------------|---------------|---|
| | [kt] | | | relative | |
| NATIONAL TOTAL | 725.52 | 734.36 | 8.84 | 1.22% | |
| NFR 1 - Energy | 15.8891 | 15.8897 | 0.0006 | 0.004% | sub-category chapters |
| 1.A.2.g vii | 0.008 | 0.006 | -0.002 | -28.7% | here |
| 1.A.3.a i(i) | 0.0493 | 0.0492 | -0.0001 | -0.13% | here |
| 1.A.3.a ii(i) | 0.0349 | 0.0353 | 0.0004 | 1.16% | here |
| 1.A.3.c | 0.0318 | 0.0319 | 0.0001 | 0.25% | here |
| 1.A.3.d ii | 0.01056 | 0.01055 | -0.00001 | -0.07% | here |
| 1.A.4.a ii | 0.0018 | 0.0016 | -0.0002 | -8.57% | here |
| 1.A.4.c ii | 0.009 | 0.011 | 0.003 | 29.6% | here |
| NFR 2 - IPPU | 14.68 | 14.68 | 0.00 | 0.00% | |
| NFR 3 - Agriculture | 686.62 | 689.20 | 2.58 | 0.38% | sub-category chapters |
| 3.B.4.g i | 11.41 | 11.40 | -0.02 | -0.14% | here |
| 3.B.4.g iv | 2.470 | 2.472 | 0.002 | 0.08% | here |
| 3.D.a.1 | 78.82 | 78.71 | -0.11 | -0.14% | here |
| 3.D.a.2.a | 285.58 | 286.21 | 0.63 | 0.22% | here |
| 3.D.a.2.c | 0.24 | 1.55 | 1.32 | 559% | here |
| 3.D.a.3 | 22.24 | 22.37 | 0.14 | 0.61% | here |
| 3.l | 0.002 | 0.001 | 0.00 | -5.19% | here |
| NFR 5 - Waste | 0.34 | 0.34 | 0.00 | 0.00% | |
| NFR 6 - Other | 8.00 | 14.25 | 6.25 | 78.2% | sub-category chapters |
| 6.A | 8.00 | 14.25 | 6.25 | 78.2% | |

Changes within the **National Total** reported for **2020 (-7.49 kt | -1.4 %)** result mainly from several larger revisions in **NFR 3 (-17.2 kt)** and **newly implemented emission estimates from NFR 6 (+ 8 kt)** together with less significant changes throughout NFRs 1, 2 and 5.

The most significant relative change occurs for **NFR 1.A.4.a i with plus 38 %**.

Table 2: Changes in emission estimates for 2020

| NFR Sector | Submission 2023 | Submission 2024 | Difference | | Reasoning see description and reasoning in: sub-category chapters |
|-----------------------|-----------------|-----------------|--------------|---------------|---|
| | [kt] | | | relative | |
| NATIONAL TOTAL | 515,77 | 525,48 | 9,71 | 1,88% | |
| NFR 1 - Energy | 12,72 | 12,50 | -0,22 | -1,71% | sub-category chapters |
| 1.A.1.a | 0,624 | 0,620 | -0,004 | -0,70% | here |
| 1.A.1.b | 0,528 | 0,527 | -0,001 | -0,19% | here |
| 1.A.1.c | 0,0244 | 0,0249 | 0,0005 | 1,89% | here |
| 1.A.2.a | 0,103 | 0,099 | -0,004 | -3,74% | here |
| 1.A.2.b | 0,0059 | 0,0075 | 0,002 | 27,5% | here |
| 1.A.2.e | 0,0010 | 0,0012 | 0,0002 | 25,3% | here |
| 1.A.2.f | 0,020 | 0,022 | 0,003 | 13,5% | here |
| 1.A.2.g vii | 0,008 | 0,006 | -0,003 | -33,8% | here |
| 1.A.2.g viii | 0,391 | 0,381 | -0,010 | -2,51% | here |
| 1.A.3.a i(i) | 0,060 | 0,060 | 0,000 | -0,22% | here |
| 1.A.3.a ii(i) | 0,0132 | 0,0125 | -0,0007 | -5,40% | here |

| | Submission 2023 | Submission 2024 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|-----------------|-----------------------------------|---|
| NFR Sector | [kt] | | relative | see description and reasoning in: | |
| NATIONAL TOTAL | 515,77 | 525,48 | 9,71 | 1,88% | sub-category chapters |
| NFR 1 - Energy | 12,72 | 12,50 | -0,22 | -1,71% | sub-category chapters |
| 1.A.3.b i | 8,253 | 8,010 | -0,24 | -2,93% | here |
| 1.A.3.b ii | 0,261 | 0,251 | -0,010 | -3,85% | here |
| 1.A.3.b iii | 0,716 | 0,718 | 0,002 | 0,31% | here |
| 1.A.3.b iv | 0,0205 | 0,0200 | -0,0005 | -2,24% | here |
| 1.A.3.b v | NA | NA | #WERT! | #WERT! | here |
| 1.A.3.b vi | NA | NA | #WERT! | #WERT! | here |
| 1.A.3.b vii | NA | NA | #WERT! | #WERT! | here |
| 1.A.3.c | 0,008 | 0,008 | 0,000 | 0,05% | here |
| 1.A.3.d i(ii) | IE | IE | #WERT! | #WERT! | |
| 1.A.3.d ii | 0,0053 | 0,0057 | 0,0004 | 7,28% | here |
| 1.A.3.e i | NA | NA | #WERT! | #WERT! | 1.A.3.e i - Pipeline Transport] |
| 1.A.3.e ii | NA | NA | #WERT! | #WERT! | 1.A.3.e ii - Other Transport: Other] |
| 1.A.4.a i | 0,457 | 0,233 | -0,22 | -49,1% | here |
| 1.A.4.a ii | 0,001838 | 0,001898 | 0,000060 | 3,26% | here |
| 1.A.4.b i | 1,126 | 1,388 | 0,26 | 23,3% | here |
| 1.A.4.b ii | 0,00029 | 0,00031 | 0,00001 | 4,60% | here |
| 1.A.4.c i | 0,050 | 0,059 | 0,009 | 17,8% | here |
| 1.A.4.c ii | 0,010 | 0,013 | 0,003 | 30,3% | here |
| 1.A.4.c iii | 0,00009 | 0,00009 | 0,00000 | 0,00% | here |
| 1.A.5.a | 0,0042297 | 0,0042302 | 0,0000005 | 0,01% | here |
| NFR 2 - IPPU | 8,85 | 8,69 | -0,16 | -1,80% | sub-category chapters |
| 2.A.3 | 1,16 | 1,00 | -0,16 | -13,8% | here |
| NFR 3 - Agriculture | 482,32 | 482,30 | -0,02 | -0,003% | sub-category chapters |
| 3.B.1.a | 53,81 | 53,91 | 0,10 | 0,19% | here |
| 3.B.1.b | 48,55 | 48,75 | 0,20 | 0,41% | here |
| 3.B.3 | 72,41 | 72,37 | -0,04 | -0,05% | here |
| 3.B.4.g i | 6,91 | 6,87 | -0,04 | -0,63% | here |
| 3.B.4.g ii | 8,13 | 8,11 | -0,03 | -0,31% | here |
| 3.B.4.g iii | 9,07 | 9,04 | -0,03 | -0,35% | here |
| 3.B.4.g iv | 1,53 | 1,52 | -0,01 | -0,92% | here |
| 3.D.a.1 | 34,87 | 35,02 | 0,15 | 0,44% | here |
| 3.D.a.2.a | 167,43 | 168,12 | 0,69 | 0,41% | here |
| 3.D.a.2.b | 1,67 | 1,61 | -0,06 | -3,85% | here |
| 3.D.a.2.c | 54,31 | 53,83 | -0,48 | -0,89% | here |
| 3.D.a.3 | 12,47 | 12,75 | 0,29 | 2,30% | here |
| 3.l | 3,18 | 2,31 | -0,86 | -27,2% | here |
| NFR 5 - Waste | 3,54 | 3,78 | 0,24 | 6,92% | sub-category chapters |
| 5.B.1 | 2,02 | 2,00 | -0,02 | -1,05% | here |
| 5.B.2 | 1,52 | 1,78 | 0,27 | 17,5% | here |
| NFR 6 - Other | 8,35 | 18,21 | 9,86 | 118% | sub-category chapters |
| 6.A | 8,35 | 18,21 | 9,86 | 118% | |