

Recalculations - Total Suspended Particles (TSP)

The small changes within the **National Total** reported for **1990 (-4.0 kt or -0.2 %)** are dominated by a revision in NFRs sub-categories **1.A.3.c** (-5.84 kt) and **3.D.c** (+1.43 kt) together with less significant revisions in NFRs 1 and 3.

The strongest percental change occurs for NFR **3.B.4.e** with **plus 175 %**.

Table 1: Changes in emission estimates for 1990

| NFR Sector | Submission 2024 | Submission 2025 | Difference | Reasoning | see description and reasoning in: |
|----------------------------|-----------------|-----------------|--------------|---------------|-----------------------------------|
| | [kt] | | | relative | |
| NATIONAL TOTAL | 2.019,60 | 2.015,59 | -4,01 | -0,20% | sub-category chapters |
| NFR 1 - Energy | 1.397,65 | 1.391,90 | -5,74 | -0,41% | sub-category chapters |
| 1.A.2.g vii | 5,05 | 4,94 | -0,11 | -2,16% | here |
| 1.A.3.c | 13,08 | 7,24 | -5,84 | -44,64% | here |
| 1.A.4.a ii | 1,33 | 1,30 | -0,03 | -2,16% | here |
| 1.A.4.c ii | 15,65 | 15,88 | 0,23 | 1,48% | here |
| NFR 2 - IPPU | 543,41 | 543,41 | 0,00 | 0,00% | |
| NFR 3 - Agriculture | 73,51 | 75,24 | 1,73 | 2,36% | sub-category chapters |
| 3.B.4.e | 0,18 | 0,48 | 0,31 | 175% | here |
| 3.D.c | 23,45 | 24,88 | 1,43 | 6,09% | here |
| NFR 5 - Waste | 5,04 | 5,04 | 0,00 | 0,00% | |
| NFR 6 - Other | NA | | | | |

The rather small changes within the **National Total** reported for **2022 (-2.52 kt or -0.77 %)** are dominated by revised emission estimates for **NFRs 1.B.1.b** (-4.33 kt), **2.A.5.a** (-4.25 kt) and **5.C.2** (-1.70 kt) together with several less significant revisions in NFRs **1, 2, 3 and 5**.

The most significant percental change occurs for **NFR 1.B.1.b** with **minus 87 %**.

Table 2: Changes in emission estimates for 2022

| NFR Sector | Submission 2024 | Submission 2025 | Difference | Reasoning | see description and reasoning in: |
|-----------------------|-----------------|-----------------|--------------|---------------|-----------------------------------|
| | [kt] | | | relative | |
| NATIONAL TOTAL | 330,456 | 327,926 | -2,53 | -0,77% | sub-category chapters |
| NFR 1 - Energy | 86,131 | 80,579 | -5,55 | -6,45% | sub-category chapters |
| 1.A.1.a | 4,77 | 4,38 | -0,39 | -8,10% | here |
| 1.A.1.b | 0,66 | 0,76 | 0,10 | 14,69% | here |
| 1.A.1.c | 0,4090 | 0,4095 | 0,0005 | 0,13% | here |
| 1.A.2.a | 0,064 | 0,069 | 0,01 | 8,17% | here |
| 1.A.2.g vii | 0,36 | 0,34 | -0,02 | -6,54% | here |
| 1.A.2.g viii | 3,02 | 2,45 | -0,56 | -18,74% | here |
| 1.A.3.a i(i) | 0,0511 | 0,0512 | 0,0001 | 0,19% | here |
| 1.A.3.a ii(i) | 0,01464 | 0,01465 | 0,00001 | 0,04% | here |
| 1.A.3.b i | 1,81 | 1,82 | 0,01 | 0,30% | here |
| 1.A.3.b ii | 1,201 | 1,187 | -0,01 | -1,20% | here |
| 1.A.3.b iii | 0,99 | 1,00 | 0,01 | 1,25% | here |
| 1.A.3.b iv | 1,01 | 0,98 | -0,03 | -2,98% | here |
| 1.A.3.c | 9,00 | 3,25 | -5,75 | -63,85% | here |
| 1.A.3.d ii | 0,7436 | 0,7315 | -0,01 | -1,63% | here |
| 1.A.4.a i | 2,31 | 2,23 | -0,08 | -3,40% | here |
| 1.A.4.a ii | 0,149 | 0,126 | -0,02 | -15,74% | here |
| 1.A.4.b i | 18,64 | 19,81 | 1,17 | 6,26% | here |
| 1.A.4.b ii | 0,13 | 0,11 | -0,03 | -20,20% | here |
| 1.A.4.c i | 0,499 | 0,501 | 0,003 | 0,50% | here |
| 1.A.4.c ii | 3,68 | 3,73 | 0,05 | 1,23% | here |

| | Submission 2024 | Submission 2025 | Difference | | Reasoning |
|----------------------------|---------------------|-----------------|--------------|-----------------------------------|------------------------------|
| NFR Sector | [kt] | | relative | see description and reasoning in: | |
| NATIONAL TOTAL | 330,456 | 327,926 | -2,53 | -0,77% | sub-category chapters |
| NFR 1 - Energy | 86,131 | 80,579 | -5,55 | -6,45% | sub-category chapters |
| 1.A.5.b | 0,07 | 0,09 | 0,02 | 34,13% | here |
| 1.B.1.a | 3,92 | 3,92 | 0,00 | 0,00% | here |
| 1.B.1.b | 0,62 | 0,62 | 0,00 | 0,00% | here |
| NFR 2 - IPPU | 180,62 | 180,85 | 0,22 | 0,12% | sub-category chapters |
| 2.A.1 | 0,72 | 0,72 | 0,00 | 0,00% | here |
| 2.A.2 | 0,274 | 0,279 | 0,006 | 2,16% | here |
| 2.A.3 | 0,36 | 0,46 | 0,10 | 27,66% | here |
| 2.A.5.a | 37,79 | 37,29 | -0,50 | -1,33% | here |
| 2.A.5.b | 37,39 | 38,50 | 1,11 | 2,97% | here |
| 2.A.5.c | IE IE #WERT! #WERT! | | | | here |
| 2.A.6 | 1,2130 | 1,2130 | 0,00 | 0,00% | here |
| 2.B.1 | NA | NA | #WERT! | #WERT! | here |
| 2.B.2 | NA | NA | #WERT! | #WERT! | here |
| 2.B.3 | NA | NA | #WERT! | #WERT! | here |
| 2.B.5 | 0,00 | 0,00 | 0,00 | 0,00% | here |
| 2.B.6 | 0,07 | 0,07 | 0,00 | 0,00% | here |
| 2.B.7 | 0,14 | 0,14 | 0,00 | 0,00% | here |
| 2.B.10.a | 0,57 | 0,57 | 0,00 | 0,00% | here |
| 2.B.10.b | IE | IE | #WERT! | #WERT! | here |
| 2.C.1 | 6,82 | 6,82 | 0,00 | 0,00% | here |
| 2.C.2 | 0,00513 | 0,00513 | 0,00 | 0,00% | here |
| 2.C.3 | 0,31 | 0,31 | 0,00 | 0,00% | here |
| 2.C.4 | NE | NE | #WERT! | #WERT! | here |
| 2.C.5 | 0,01 | 0,01 | 0,00 | 0,00% | here |
| 2.C.6 | 0,01 | 0,01 | 0,00 | 0,00% | here |
| 2.C.7.a | 0,056 | 0,056 | 0,00 | 0,00% | here |
| 2.C.7.b | NO | NO | #WERT! | #WERT! | here |
| 2.C.7.c | 0,00 | 0,00 | 0,00 | 0,00% | here |
| 2.C.7.d | IE | IE | #WERT! | #WERT! | here |
| 2.D.3.a | NA | NA | #WERT! | #WERT! | here |
| 2.D.3.b | 0,234 | 0,234 | 0,00 | 0,00% | here |
| 2.D.3.c | NA | NE | #WERT! | #WERT! | here |
| 2.D.3.d | NA | NA | #WERT! | #WERT! | here |
| 2.D.3.e | NA | NA | #WERT! | #WERT! | here |
| 2.D.3.f | NA | NA | #WERT! | #WERT! | here |
| 2.D.3.g | 0,004 | 0,004 | 0,00 | 0,00% | here |
| 2.D.3.h | NA | NA | #WERT! | #WERT! | here |
| 2.D.3.i | NA | NA | #WERT! | #WERT! | here |
| 2.G | 4,04 | 4,05 | 0,01 | 0,33% | here |
| 2.H.1 | 0,17 | 0,17 | 0,00 | 0,00% | here |
| 2.H.2 | 1,04 | 1,04 | 0,00 | 0,00% | here |
| 2.H.3 | NA | NA | #WERT! | #WERT! | here |
| 2.I | 1,31 | 1,31 | 0,00 | 0,00% | here |
| 2.J | NO | NO | #WERT! | #WERT! | here |
| 2.K | NA | NA | #WERT! | #WERT! | here |
| 2.L | 88,07 | 87,57 | -0,50 | -0,57% | here |
| NFR 3 - Agriculture | 59,06 | 61,42 | 2,36 | 3,99% | sub-category chapters |
| 3.B.1.a | 5,99 | 5,99 | 0,00 | 0,00% | here |
| 3.B.1.b | 3,42 | 3,42 | 0,00 | 0,00% | here |
| 3.B.2 | 0,09 | 0,09 | 0,00 | 0,00% | here |
| 3.B.3 | 12,16 | 12,17 | 0,01 | 0,07% | here |
| 3.B.4.a | IE | IE | #WERT! | #WERT! | here |

| | Submission 2024 | Submission 2025 | Difference | | Reasoning |
|-----------------------|-----------------|-----------------|-----------------|--|------------------------------|
| NFR Sector | [kt] | | relative | see description and reasoning in: | |
| NATIONAL TOTAL | 330,456 | 327,926 | -2,53 | -0,77% | sub-category chapters |
| NFR 1 - Energy | 86,131 | 80,579 | -5,55 | -6,45% | sub-category chapters |
| 3.B.4.d | 0,0149 | 0,0146 | -0,0003 | -1,79% | here |
| 3.B.4.e | 0,16 | 0,46 | 0,30 | 184,49% | here |
| 3.B.4.f | IE | IE | #WERT! | #WERT! | here |
| 3.B.4.g i | 10,45 | 10,13 | -0,31 | -3,00% | here |
| 3.B.4.g ii | 3,62 | 3,51 | -0,12 | -3,22% | here |
| 3.B.4.g iii | 1,27 | 1,08 | -0,19 | -14,86% | here |
| 3.B.4.g iv | 0,86 | 0,83 | -0,03 | -3,39% | here |
| 3.B.4.h | 0,004754 | 0,004749 | -0,000005 | -0,10% | here |
| 3.D.a.1 | NA | NA | #WERT! | #WERT! | here |
| 3.D.a.2.a | NA | NA | #WERT! | #WERT! | here |
| 3.D.a.2.b | NA | NA | #WERT! | #WERT! | here |
| 3.D.a.2.c | NA | NA | #WERT! | #WERT! | here |
| 3.D.a.3 | NA | NA | #WERT! | #WERT! | here |
| 3.D.a.4 | NA | NA | #WERT! | #WERT! | here |
| 3.D.b | NA | NA | #WERT! | #WERT! | here |
| 3.D.c | 21,02 | 23,71 | 2,69 | 12,82% | here |
| 3.D.d | NA | NA | #WERT! | #WERT! | here |
| 3.D.e | NA | NA | #WERT! | #WERT! | here |
| 3.D.f | NA | NA | #WERT! | #WERT! | here |
| 3.F | NO | NO | #WERT! | #WERT! | |
| 3.I | NA | NA | #WERT! | #WERT! | here |
| NFR 5 - Waste | 4,64 | 5,08 | 0,44 | 9,54% | sub-category chapters |
| 5.A | 0,0183 | 0,0181 | -0,0002 | -1,16% | here |
| 5.B.1 | NA | NA | #WERT! | #WERT! | here |
| 5.B.2 | NA | NA | #WERT! | #WERT! | here |
| 5.C.1.a | NO | NO | #WERT! | #WERT! | |
| 5.C.1.b i | NO | NO | #WERT! | #WERT! | |
| 5.C.1.b ii | NO | NO | #WERT! | #WERT! | |
| 5.C.1.b iii | NO | NO | #WERT! | #WERT! | |
| 5.C.1.b iv | NO | NO | #WERT! | #WERT! | |
| 5.C.1.b v | 0,02 | 0,02 | 0,00 | 0,00% | here |
| 5.C.1.b vi | NA | NA | #WERT! | #WERT! | |
| 5.C.2 | 1,40 | 1,40 | 0,00 | 0,00% | here |
| 5.D.1 | NA | NA | #WERT! | #WERT! | here |
| 5.D.2 | NA | NA | #WERT! | #WERT! | here |
| 5.D.3 | NO | NO | #WERT! | #WERT! | |
| 5.E | 3,20 | 3,65 | 0,44 | 13,82% | here |
| NFR 6 - Other | NA | | | | |