

Recalculations - Total Suspended Particles (TSP)

The small changes within the **National Total reported for 1990 (-6.44 kt | -0.31 %)** are dominated by a revision of emission estimates for **NFR 2.G (-5.48 kt)** together with less significant revisions in NFRs 1, 2 and 3.

The strongest relative changes occur for **NFRs 2.C.7.a with plus 62 %** and **2.G with minus 56 %**.

Table 1: Changes in emission estimates for 1990

| NFR Sector | Submission 2020 | Submission 2021 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|--------------|---------------|-----------------------------------|
| | [kt] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 2.050,52 | 2.042,44 | -8,08 | -0,39% | sub-category chapters |
| NFR 1 - Energy | 1.406,91 | 1.401,92 | -4,99 | -0,35% | sub-category chapters |
| 1.A.3.a i(i) | 0,05 | 0,05 | 0,00 | -1,26% | here |
| 1.A.3.a ii(i) | 0,05 | 0,04 | -0,01 | -13,92% | here |
| 1.A.3.b iii | 29,56 | 29,56 | 0,00 | 0,01% | here |
| 1.A.3.c | 11,67 | 13,07 | 1,40 | 12,02% | here |
| 1.A.3.d ii | 13,35 | 7,17 | -6,18 | -46,30% | here |
| 1.A.4.b ii | 0,22 | 0,29 | 0,07 | 30,37% | here |
| 1.A.4.c iii | 0,22 | 0,11 | -0,11 | -50,78% | here |
| 1.A.5.a | 21,82 | 21,82 | 0,00 | 0,00% | here |
| 1.A.5.b | 2,98 | 2,82 | -0,17 | -5,57% | here |
| NFR 2 - IPPU | 565,43 | 562,34 | -3,09 | -0,55% | sub-category chapters |
| 2.A.3 | 0,08 | 0,13 | 0,04 | 51,47% | here |
| 2.A.5.a | 84,78 | 82,51 | -2,27 | -2,68% | here |
| 2.B.6 | NA | 0,09 | 0,09 | | here |
| 2.B.10.a | 16,62 | 15,66 | -0,96 | -5,77% | here |
| NFR 3 - Agriculture | 67,48 | 67,48 | 0,00 | 0,00% | |
| 3.B.1.a | 7,70 | 7,70 | 0,00 | 0,00% | here |
| 3.B.1.b | 6,82 | 6,82 | 0,00 | 0,00% | here |
| 3.B.2 | 0,16 | 0,16 | 0,00 | 0,00% | here |
| 3.B.3 | 21,89 | 21,89 | 0,00 | 0,00% | here |
| 3.B.4.a | NO | NO | #WERT! | #WERT! | here |
| 3.B.4.d | 0,01 | 0,01 | 0,00 | 0,00% | here |
| 3.B.4.e | 0,18 | 0,18 | 0,00 | 0,00% | here |
| 3.B.4.f | IE | IE | #WERT! | #WERT! | here |
| 3.B.4.g i | 10,16 | 10,16 | 0,00 | 0,00% | here |
| 3.B.4.g ii | 1,42 | 1,42 | 0,00 | 0,00% | here |
| 3.B.4.g iii | 0,55 | 0,55 | 0,00 | 0,00% | here |
| 3.B.4.g iv | 1,16 | 1,16 | 0,00 | 0,00% | here |
| 3.B.4.h | NE | NE | #WERT! | #WERT! | 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 | 17,44 | 17,44 | 0,00 | 0,00% | 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 | 10,70 | 10,70 | 0,00 | 0,00% | |

| | Submission 2020 | Submission 2021 | Difference | | Reasoning |
|-----------------------|-----------------|-----------------|--------------|-----------------------------------|------------------------------|
| NFR Sector | [kt] | | relative | see description and reasoning in: | |
| NATIONAL TOTAL | 2.050,52 | 2.042,44 | -8,08 | -0,39% | sub-category chapters |
| NFR 1 - Energy | 1.406,91 | 1.401,92 | -4,99 | -0,35% | sub-category chapters |
| 5.A | 0,08 | 0,08 | 0,00 | 0,00% | 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 | 7,33 | 7,33 | 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 | 3,26 | 3,26 | 0,00 | 0,00% | here |
| NFR 6 - Other | NA | | | | |

The changes within the **National Total reported for 2018 (-4.18 kt | -1.08 %)** are dominated by revised emission estimates for **NFR 2.G (-5.16 kt)**. In addition, several more or less significant revisions occur in NFRs **1, 2, 3 and 5**.

The most significant relative changes occur for **NFRs 2.C.7.c with minus 73 %** and **2.G with minus 51 %**.

Table 2: Changes in emission estimates for 2018

| | Submission 2020 | Submission 2021 | Difference | | Reasoning |
|-----------------------|-----------------|-----------------|--------------|-----------------------------------|------------------------------|
| NFR Sector | [kt] | | relative | see description and reasoning in: | |
| NATIONAL TOTAL | 387,72 | 383,54 | -4,18 | -1,08% | sub-category chapters |
| NFR 1 - Energy | 100,68 | 101,56 | 0,88 | 0,88% | sub-category chapters |
| 1.A.1.a | 5,52 | 5,59 | 0,07 | 1,23% | here |
| 1.A.1.b | 0,43 | 0,58 | 0,14 | 32,54% | here |
| 1.A.1.c | 0,49 | 0,53 | 0,04 | 7,70% | here |
| 1.A.2.a | 0,083 | 0,081 | -0,002 | -2,21% | here |
| 1.A.2.g vii | 0,88 | 0,97 | 0,10 | 10,86% | here |
| 1.A.2.g viii | 2,74 | 2,58 | -0,16 | -5,93% | here |
| 1.A.3.a i(i) | 0,09 | 0,08 | -0,01 | -7,58% | here |
| 1.A.3.a ii(i) | 0,03 | 0,04 | 0,01 | 43,17% | here |
| 1.A.3.b i | 3,01 | 3,14 | 0,13 | 4,37% | here |
| 1.A.3.b ii | 1,345 | 1,348 | 0,003 | 0,25% | here |
| 1.A.3.b iii | 1,99 | 1,94 | -0,05 | -2,69% | here |
| 1.A.3.b iv | 0,94 | 0,98 | 0,04 | 3,86% | here |
| 1.A.3.b vi | 18,62 | 18,60 | -0,03 | -0,15% | here |
| 1.A.3.b vii | 15,71 | 15,69 | -0,02 | -0,16% | here |
| 1.A.3.c | 8,58 | 8,57 | -0,02 | -0,23% | here |
| 1.A.3.d ii | 1,13 | 1,16 | 0,03 | 2,73% | here |
| 1.A.3.e i | 0,00760 | 0,00763 | 0,00003 | 0,45% | here |
| 1.A.4.a i | 2,36 | 2,09 | -0,27 | -11,48% | here |
| 1.A.4.a ii | 0,25 | 0,21 | -0,04 | -14,65% | here |
| 1.A.4.b i | 17,78 | 19,34 | 1,56 | 8,77% | here |
| 1.A.4.b ii | 0,134 | 0,127 | -0,007 | -4,97% | here |
| 1.A.4.c i | 0,513 | 0,506 | -0,006 | -1,26% | here |
| 1.A.4.c ii | 3,86 | 3,24 | -0,62 | -15,99% | here |
| 1.A.4.c iii | 0,088 | 0,091 | 0,002 | 2,70% | here |
| 1.A.5.a | 0,028 | 0,029 | 0,001 | 2,07% | here |

| | Submission 2020 | Submission 2021 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|----------------|-----------------|--|
| NFR Sector | [kt] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 387,72 | 383,54 | -4,18 | -1,08% | sub-category chapters |
| NFR 1 - Energy | 100,68 | 101,56 | 0,88 | 0,88% | sub-category chapters |
| 1.A.5.b | 0,0702 | 0,0703 | 0,0001 | 0,14% | here |
| NFR 2 - IPPU | 216,90 | 211,90 | -5,00 | -2,31% | sub-category chapters |
| 2.A.3 | 0,22 | 0,22 | 0,00 | -0,80% | here |
| 2.A.5.a | 41,07 | 41,25 | 0,18 | 0,44% | here |
| 2.C.2 | 0,0058 | 0,0053 | -0,0005 | -8,04% | here |
| 2.C.7.a | 0,067 | 0,063 | -0,004 | -6,50% | here |
| 2.C.7.c | 0,02 | 0,01 | -0,01 | -73,35% | here |
| 2.G | 10,11 | 4,95 | -5,16 | -51,06% | here |
| NFR 3 - Agriculture | 61,06 | 60,99 | -0,07 | -0,11% | sub-category chapters |
| 3.B.3 | 17,36 | 17,32 | -0,04 | -0,22% | here |
| 3.B.4.g i | 10,16 | 10,15 | -0,01 | -0,13% | here |
| 3.B.4.g ii | 3,72 | 3,71 | -0,01 | -0,38% | here |
| NFR 5 - Waste | 9,0815 | 9,0813 | -0,0002 | 0,00% | sub-category chapters |
| 5.A | 0,0213 | 0,0211 | -0,0002 | -0,87% | here |
| NFR 6 - Other | NA | | | | |