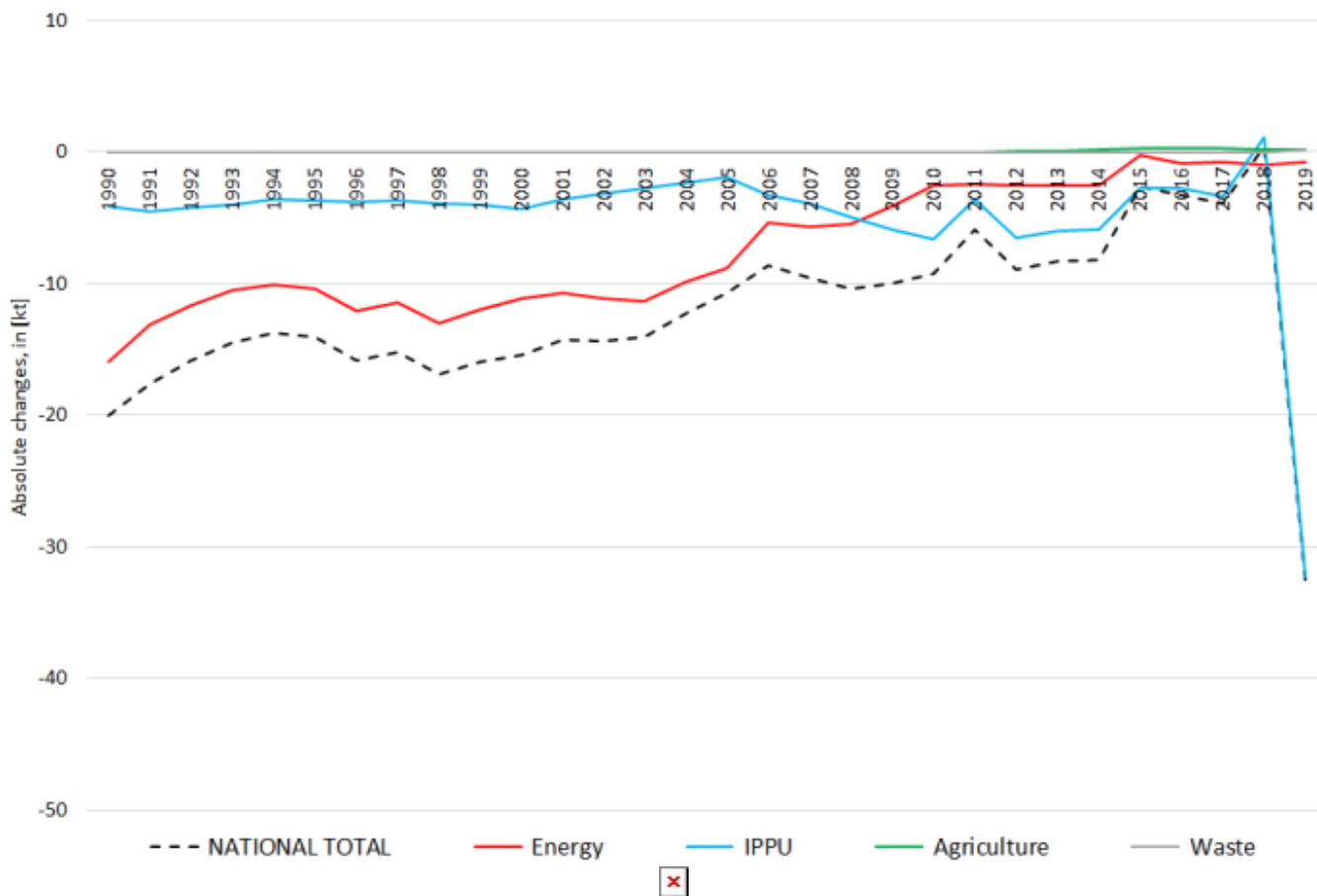


Recalculations - Total Suspended Particles (TSP)

Revision of TSP emissions over time:



The small changes within the **National Total** reported for **1990 (-8.08 kt or -0.39 %)** are dominated by a revision of emission estimates for NFRs **1.A.3.c (+1.40 kt)**, **1.A.3.d ii (-6.18 kt)**, **2.A.5.a (+2.27 kt)** and **2.B.10.a (-0.96 kt)** together with less significant revisions in NFRs 1, 2 and 3.

The strongest percental changes occur for NFRs **2.A.3 with plus 52 %** and **1.A.3.d ii with minus 46 %**.

Table 1: Changes in emission estimates for 1990

| | Submission 2022 | Submission 2023 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|--------------|---------------|-----------------------------------|
| NFR Sector | [kt] | | absolute | relative | see description and reasoning in: |
| NATIONAL TOTAL | 2.042,44 | 2.047,88 | 5,44 | 0,27% | sub-category chapters |
| NFR 1 - Energy | 1.401,92 | 1.401,35 | -0,56 | -0,04% | sub-category chapters |
| 1.A.2.g vii | 7,18 | 7,19 | 0,01 | 0,15% | here |
| 1.A.3.a i(i) | 0,05 | 0,05 | 0,00 | -6,41% | here |
| 1.A.3.a ii(i) | 0,04 | 0,04 | 0,00 | -4,45% | here |
| 1.A.3.b i | 17,17 | 17,87 | 0,70 | 4,09% | here |
| 1.A.3.b ii | 2,71 | 2,83 | 0,12 | 4,32% | here |
| 1.A.3.b iii | 29,56 | 28,11 | -1,45 | -4,90% | here |
| 1.A.3.b iv | 2,23 | 2,32 | 0,09 | 3,81% | here |
| 1.A.4.a ii | 1,53 | 1,53 | 0,00 | -0,17% | here |
| 1.A.4.b ii | 0,29 | 0,29 | 0,00 | -0,11% | here |
| 1.A.4.c ii | 12,96 | 12,93 | -0,02 | -0,16% | here |
| NFR 2 - IPPU | 562,34 | 562,34 | 0,00 | 0,00% | |
| NFR 3 - Agriculture | 67,48 | 73,48 | 6,00 | 8,89% | sub-category chapters |
| 3.B.4.g i | 10,16 | 10,15 | -0,01 | -0,08% | here |

| | Submission 2022 | Submission 2023 | Difference | | Reasoning |
|-----------------------|-----------------|-----------------|--------------|-----------------|------------------------------------------|
| NFR Sector | [kt] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 2.042,44 | 2.047,88 | 5,44 | 0,27% | sub-category chapters |
| NFR 1 - Energy | 1.401,92 | 1.401,35 | -0,56 | -0,04% | sub-category chapters |
| 3.D.c | 17,44 | 23,45 | 6,01 | 34,46% | here |
| NFR 5 - Waste | 10,70 | 10,70 | 0,00 | 0,00% | |
| NFR 6 - Other | NA | | | | |

The strong changes within the **National Total** reported for **2019 (-20.6 kt or -5.43 %)** are dominated by revised emission estimates for **NFR 2.L (-19.04 kt)**. In addition, several more or less significant revisions occur in NFRs **1, 2, 3 and 5**.

The most significant percental change occurs for **NFR 2.A.3 with plus 127 %**.

Table 2: Changes in emission estimates for 2019

| | Submission 2021 | Submission 2022 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|---------------|-----------------|------------------------------------------|
| NFR Sector | [kt] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 379,547 | 358,943 | -20,60 | -5,43% | sub-category chapters |
| NFR 1 - Energy | 97,713 | 97,534 | -0,18 | -0,18% | sub-category chapters |
| 1.A.1.a | 4,69 | 4,70 | 0,02 | 0,33% | here |
| 1.A.1.b | 0,593 | 0,597 | 0,004 | 0,65% | here |
| 1.A.1.c | 0,48 | 0,47 | -0,01 | -1,52% | here |
| 1.A.2.a | 0,076 | 0,077 | 0,001 | 1,63% | here |
| 1.A.2.g vii | 0,892 | 0,890 | -0,002 | -0,22% | here |
| 1.A.2.g viii | 2,55 | 2,52 | -0,03 | -1,17% | here |
| 1.A.3.a i(i) | 0,0766 | 0,0752 | -0,0014 | -1,81% | here |
| 1.A.3.a ii(i) | 0,04 | 0,03 | -0,01 | -27,96% | here |
| 1.A.3.b i | 2,88 | 2,74 | -0,14 | -4,90% | here |
| 1.A.3.b ii | 1,21 | 1,19 | -0,01 | -1,07% | here |
| 1.A.3.b iii | 1,75 | 1,76 | 0,01 | 0,44% | here |
| 1.A.3.b iv | 0,99 | 0,98 | -0,01 | -1,10% | here |
| 1.A.3.c | 8,65 | 8,67 | 0,02 | 0,23% | here |
| 1.A.3.d ii | 1,03 | 0,92 | -0,11 | -11,10% | here |
| 1.A.4.a i | 2,29 | 2,30 | 0,01 | 0,40% | here |
| 1.A.4.a ii | 0,2012 | 0,2009 | -0,0003 | -0,14% | here |
| 1.A.4.b i | 18,59 | 18,68 | 0,09 | 0,48% | here |
| 1.A.4.b ii | 0,13 | 0,17 | 0,04 | 34,65% | here |
| 1.A.4.c i | 0,52 | 0,49 | -0,04 | -7,17% | here |
| 1.A.4.c ii | 3,08 | 3,08 | 0,00 | 0,12% | here |
| 1.A.4.c iii | 0,020 | 0,013 | -0,01 | -34,68% | here |
| 1.A.5.a | 0,02 | 0,03 | 0,01 | 52,85% | here |
| 1.A.5.b | 0,11 | 0,09 | -0,02 | -18,50% | here |
| 1.B.1.b | 5,55 | 5,56 | 0,01 | 0,21% | here |
| NFR 2 - IPPU | 212,79 | 192,14 | -20,64 | -9,70% | sub-category chapters |
| 2.A.3 | 0,21 | 0,48 | 0,27 | 127% | here |
| 2.A.5.a | 41,21 | 40,78 | -0,43 | -1,05% | here |
| 2.A.6 | 1,2034 | 1,2039 | 0,0005 | 0,04% | here |
| 2.B.10.a | 2,14 | 0,57 | -1,58 | -73,47% | here |
| 2.C.2 | 0,00533 | 0,00538 | 0,00005 | 1,03% | here |
| 2.D.3.b | 0,240 | 0,244 | 0,004 | 1,56% | here |
| 2.G | 4,70 | 4,73 | 0,03 | 0,69% | here |
| 2.H.1 | 0,02399 | 0,02397 | -0,00003 | -0,11% | here |
| 2.L | 110,62 | 91,58 | -19,04 | -17,21% | here |
| NFR 3 - Agriculture | 60,31 | 60,45 | 0,14 | 0,23% | sub-category chapters |
| 3.B.1.a | 5,95 | 6,27 | 0,32 | 5,43% | here |
| 3.B.1.b | 3,67 | 3,62 | -0,04 | -1,16% | here |
| 3.B.4.d | 0,0135 | 0,0138 | 0,0003 | 2,35% | here |

| | Submission 2021 | Submission 2022 | Difference | | Reasoning |
|-----------------------|-----------------|-----------------|---------------|-----------------|------------------------------------------|
| NFR Sector | [kt] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 379,547 | 358,943 | -20,60 | -5,43% | sub-category chapters |
| NFR 1 - Energy | 97,713 | 97,534 | -0,18 | -0,18% | sub-category chapters |
| 3.B.4.e | 0,15 | 0,16 | 0,01 | 6,67% | here |
| 3.B.4.g i | 10,19 | 10,18 | -0,01 | -0,11% | here |
| 3.B.4.g ii | 3,70 | 3,66 | -0,04 | -1,08% | here |
| 3.B.4.g iii | 1,36 | 1,30 | -0,06 | -4,74% | here |
| 3.B.4.g iv | 0,91 | 0,87 | -0,03 | -3,82% | here |
| NFR 5 - Waste | 8,74 | 8,81 | 0,08 | 0,87% | sub-category chapters |
| 5.A | 0,021 | 0,020 | -0,001 | -4,29% | here |
| 5.C.2 | 5,35 | 5,43 | 0,08 | 1,44% | here |
| NFR 6 - Other | NA | | | | |