

Recalculations - Polyaromatic Hydrocarbons 1 to 4

The strong changes within the **National Total** reported for **1990 (-59 t or -33 %)** are dominated by changes in **NFRs 1.B.1.b (-35 t), 2.A.1 (-6.90 t) and 2.C.3 (-17 t)**.

However, the most significant percental change occurs for **NFR 1.A.3c with plus 164 %**.

Table 1: Changes of emission estimates 1990

| | Submission 2021 | Submission 2022 | Difference | | Reasoning |
|----------------------------|-----------------|-----------------|---------------|----------------|-----------------------------------|
| NFR Sector | [t] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 177,42 | 118,56 | -58,87 | -33,18% | sub-category chapters |
| NFR 1 - Energy | 140,19 | 105,29 | -34,90 | -24,89% | sub-category chapters |
| 1.A.3.a i(i) | 0,00002 | 0,00001 | -0,00001 | -33,33% | here |
| 1.A.3.a ii(i) | 0,00022 | 0,00015 | -0,00007 | -33,33% | here |
| 1.A.3.c | 0,11 | 0,29 | 0,18 | 164% | here |
| 1.A.3.d ii | 0,14 | 0,12 | -0,02 | -17,43% | here |
| 1.A.4.c iii | 0,002 | 0,001 | -0,001 | -53,84% | here |
| 1.A.5.b | 0,091 | 0,090 | -0,001 | -1,38% | here |
| 1.B.1.b | 42,03 | 6,98 | -35,05 | -83,40% | here |
| NFR 2 - IPPU | 35,77 | 11,80 | -23,97 | -67,00% | sub-category chapters |
| 2.A.1 | 6,93 | 0,03 | -6,90 | -99,58% | here |
| 2.C.1 | 10,67 | 10,68 | 0,02 | 0,15% | here |
| 2.C.3 | 17,98 | 0,90 | -17,09 | -95,01% | here |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | 1,46 | 1,46 | 0,00 | -0,02% | |
| NFR 6 - Other | NA | | | | |

The significant changes in the **National Total** reported for **2019 (-6.36 t or -8.28 %)** are dominated by revisions in **NFRs 2.A.1 with -5.99 t and 1.B.1.b with -0.29 t**.

Table 2: Changes in emission estimates for 2019

| | Submission 2021 | Submission 2022 | Difference | | Reasoning |
|-----------------------|-----------------|-----------------|--------------|---------------|-----------------------------------|
| NFR Sector | [t] | | | relative | see description and reasoning in: |
| NATIONAL TOTAL | 76,79 | 70,44 | -6,36 | -8,28% | sub-category chapters |
| NFR 1 - Energy | 66,23 | 65,91 | -0,33 | -0,49% | sub-category chapters |
| 1.A.1.a | 0,70 | 0,72 | 0,02 | 3,06% | here |
| 1.A.1.b | 0,0156 | 0,0152 | -0,0004 | -2,63% | here |
| 1.A.1.c | 0,16 | 0,10 | -0,06 | -38,36% | here |
| 1.A.2.a | 0,000326 | 0,000345 | 0,000019 | 5,69% | here |
| 1.A.2.g vii | 0,1384 | 0,1385 | 0,0001 | 0,08% | here |
| 1.A.2.g viii | 0,76 | 0,71 | -0,05 | -6,55% | here |
| 1.A.3.a i(i) | 0,000006 | 0,000001 | -0,000005 | -83,52% | here |
| 1.A.3.a ii(i) | 0,00014 | 0,00002 | -0,00012 | -83,69% | here |
| 1.A.3.b i | 1,6208 | 1,6224 | 0,0016 | 0,10% | here |
| 1.A.3.b ii | 0,2157 | 0,2133 | -0,0024 | -1,10% | here |
| 1.A.3.b iii | 1,191 | 1,189 | -0,002 | -0,15% | here |
| 1.A.3.b iv | 0,0150 | 0,0148 | -0,0002 | -1,10% | here |
| 1.A.3.c | 0,029 | 0,033 | 0,004 | 13,13% | here |
| 1.A.3.d ii | 0,062 | 0,060 | -0,002 | -3,47% | here |
| 1.A.4.a i | 7,098 | 7,097 | -0,001 | -0,01% | here |
| 1.A.4.a ii | 0,01743 | 0,01746 | 0,00003 | 0,18% | here |
| 1.A.4.b i | 52,87 | 52,91 | 0,04 | 0,07% | here |
| 1.A.4.b ii | 0,0090 | 0,0094 | 0,0004 | 4,50% | here |
| 1.A.4.c i | 0,5900 | 0,5899 | -0,0001 | -0,01% | here |

| | | | | | |
|----------------------------|-----------|---------|----------|---------|-----------------------|
| 1.A.4.c ii | 0,1653 | 0,1655 | 0,0002 | 0,13% | here |
| 1.A.4.c iii | 0,00146 | 0,00092 | -0,00054 | -37,07% | here |
| 1.A.5.a | 0,035 | 0,055 | 0,020 | 56,30% | here |
| 1.A.5.b | 0,007 | 0,006 | -0,001 | -14,99% | here |
| 1.B.1.b | 0,44 | 0,15 | -0,29 | -66,70% | here |
| NFR 2 - IPPU | 9,49 | 3,44 | -6,04 | -63,69% | sub-category chapters |
| 2.A.1 | 6,02 | 0,03 | -5,99 | -99,58% | here |
| 2.C.1 | 3,272 | 3,285 | 0,013 | 0,40% | here |
| 2.C.3 | 0,066 | 0,001 | -0,065 | -98,63% | here |
| NFR 3 - Agriculture | NA | | | | |
| NFR 5 - Waste | 1,069 | 1,083 | 0,014 | 1,31% | sub-category chapters |
| 5.C.1.b v | 0,00143 | 0,00001 | -0,00142 | -99,12% | here |
| 5.C.2 | 1,068 | 1,083 | 0,015 | 1,44% | here |
| NFR 6 - Other | NA | | | | |