

## Recalculations - Zinc (Zn)

With negligibly small changes within NFRs 1 and 2 and re-allocations in sub-categories of 1.A.3.b, the **1990 National Total remains unaltered** compared to last year's submission.

However, the strongest percental change occurs in NFR **1.A.3.b ii with plus 25 %**.

Table 1: Changes in emission estimates for 1990

| NFR Sector                 | Submission 2022 | Submission 2023 | Difference  |              | Reasoning  |
|----------------------------|-----------------|-----------------|-------------|--------------|--|
|                            | [t]             |                 | absolute    | relative     |  |
| <b>NATIONAL TOTAL</b>      | <b>474,15</b>   | <b>474,15</b>   | <b>0,00</b> | <b>0,00%</b> | <b>see description and reasoning in: sub-category chapters</b> |
| <b>NFR 1 - Energy</b>      | <b>387,46</b>   | <b>387,46</b>   | <b>0,00</b> | <b>0,00%</b> | <b>sub-category chapters</b>                                   |
| 1.A.2.g vii                | 0,02122         | 0,02126         | 0,00004     | 0,17%        | <a href="#">here</a>   |
| 1.A.3.b i                  | 1,0758          | 1,0766          | 0,0008      | 0,08%        | <a href="#">here</a>   |
| 1.A.3.b ii                 | 0,0321          | 0,0402          | 0,0080      | 25,01%       | <a href="#">here</a>   |
| 1.A.3.b iii                | 0,1924          | 0,1830          | -0,0094     | -4,87%       | <a href="#">here</a>   |
| 1.A.3.b iv                 | 0,0164          | 0,0169          | 0,0005      | 2,99%        | <a href="#">here</a>   |
| 1.A.4.a ii                 | 0,003288        | 0,003285        | -0,000003   | -0,09%       | <a href="#">here</a>   |
| 1.A.4.b ii                 | 0,3338          | 0,3339          | 0,0001      | 0,02%        | <a href="#">here</a>   |
| 1.A.4.c ii                 | 0,66532         | 0,66525         | -0,00006    | -0,01%       | <a href="#">here</a>   |
| <b>NFR 2 - IPPU</b>        | <b>86,69</b>    | <b>86,69</b>    | <b>0,00</b> | <b>0,00%</b> | <b>sub-category chapters</b>                                   |
| 2.G                        | 20,880          | 20,878          | -0,002      | -0,01%       | <a href="#">here</a>   |
| <b>NFR 3 - Agriculture</b> | <b>NA</b>       |                 |             |              |  |
| <b>NFR 5 - Waste</b>       | <b>NA</b>       |                 |             |              |  |
| <b>NFR 6 - Other</b>       | <b>NA</b>       |                 |             |              |  |

The changes in the **National Total** reported for **2020 (+5.13 t and +1 %)** are dominated by opposing revisions in **NFRs 1.A.3.b vi (-1.52 t) and 1.A.3.c (+6.77 t)** where annual mileage and, hence, abrasive emissions were revised for 2020.

The significant percental change occurring in NFR 1.A.3.b iii results from a data error that will be corrected with the next annual submission.

Table 2: Changes of emission estimates for 2020

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