

# Recalculations - Hexachlorobenzene (HCB)

The negligibly small changes within the **National Total** reported for **1990 (+0.07 kg or +0.003 %)** result almost entirely from revisions in **NFRs 1.A.3.d ii and 3.D.f**.

Table 1: Changes of emission estimates 1990

|                            | Submission 2022 | Submission 2023 | Difference  |              | Reasoning                         |
|----------------------------|-----------------|-----------------|-------------|--------------|-----------------------------------|
| NFR Sector                 | [kg]            |                 |             | relative     | see description and reasoning in: |
| <b>NATIONAL TOTAL</b>      | <b>2.898,46</b> | <b>2.900,52</b> | <b>2,07</b> | <b>0,07%</b> | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b>      | <b>4,80</b>     | <b>4,80</b>     | <b>0,00</b> | <b>0,00%</b> | <b>sub-category chapters</b>      |
| 1.A.3.d ii                 | 0,11            | 0,09            | -0,03       | -23,27%      | <a href="#">here</a>              |
| 1.A.4.c iii                | 0,0014          | 0,0007          | -0,0007     | -51,48%      | <a href="#">here</a>              |
| 1.A.5.b                    | 0,0018          | 0,0012          | -0,0006     | -32,65%      | <a href="#">here</a>              |
| <b>NFR 2 - IPPU</b>        | <b>2.786,42</b> | <b>2.786,42</b> | <b>0,00</b> | <b>0,00%</b> |                                   |
| <b>NFR 3 - Agriculture</b> | <b>107,23</b>   | <b>109,29</b>   | <b>2,07</b> | <b>1,93%</b> |                                   |
| 3.D.f                      | 107,23          | 109,29          | 2,07        | 1,93%        | <a href="#">here</a>              |
| <b>NFR 5 - Waste</b>       | <b>0,01</b>     | <b>0,01</b>     | <b>0,00</b> | <b>0,00%</b> |                                   |
| <b>NFR 6 - Other</b>       | <b>NA</b>       |                 |             |              |                                   |

Changes within the **National Total** reported for **2019 (+0.38 kg or +3 %)** are dominated by the revision in **NFR 3.D.f with +0.31 kg**.

In addition, a variety of less significant changes occurs throughout NFR 1.

Table 2: Changes of emission estimates 2019

|                            | Submission 2021 | Submission 2022 | Difference   |              | Reasoning                         |
|----------------------------|-----------------|-----------------|--------------|--------------|-----------------------------------|
| NFR Sector                 | [kg]            |                 |              | relative     | see description and reasoning in: |
| <b>NATIONAL TOTAL</b>      | <b>12,66</b>    | <b>13,04</b>    | <b>0,38</b>  | <b>2,99%</b> | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b>      | <b>2,44</b>     | <b>2,51</b>     | <b>0,07</b>  | <b>2,70%</b> | <b>sub-category chapters</b>      |
| 1.A.1.a                    | 1,21            | 1,28            | 0,07         | 5,68%        | <a href="#">here</a>              |
| 1.A.2.g viii               | 0,0203          | 0,0186          | -0,0017      | -8,22%       | <a href="#">here</a>              |
| 1.A.3.c                    | NE              | 0,0000000005    | 0,0000000005 |              | <a href="#">here</a>              |
| 1.A.3.d ii                 | 0,0435          | 0,0432          | -0,0003      | -0,71%       | <a href="#">here</a>              |
| 1.A.4.b i                  | 1,1090          | 1,1091          | 0,0001       | 0,01%        | <a href="#">here</a>              |
| 1.A.4.c i                  | 0,0047964       | 0,0047961       | -0,0000004   | -0,01%       | <a href="#">here</a>              |
| 1.A.4.c iii                | 0,0010          | 0,0006          | -0,0004      | -37,07%      | <a href="#">here</a>              |
| 1.A.5.a                    | 0,00022         | 0,00036         | 0,00014      | 61,05%       | <a href="#">here</a>              |
| 1.A.5.b                    | 0,0010          | 0,0003          | -0,0007      | -70,60%      | <a href="#">here</a>              |
| <b>NFR 2 - IPPU</b>        | <b>1,40</b>     | <b>1,40</b>     | <b>0,00</b>  | <b>0,00%</b> |                                   |
| <b>NFR 3 - Agriculture</b> | <b>8,80</b>     | <b>9,12</b>     | <b>0,31</b>  | <b>3,56%</b> | <b>sub-category chapters</b>      |
| 3.D.f                      | 8,80            | 9,12            | 0,31         | 3,56%        | <a href="#">here</a>              |
| <b>NFR 5 - Waste</b>       | <b>0,02</b>     | <b>0,02</b>     | <b>0,00</b>  | <b>0,00%</b> |                                   |
| <b>NFR 6 - Other</b>       | <b>NA</b>       |                 |              |              |                                   |