

# Recalculations - Polychlorinated Biphenyls (PCBs)

The negligibly small changes in the **National Total** reported for **1990** (**+0.30 kg or +0.02 %**) result almost entirely from revisions in **NFRs 1.A.3.c (+0.47 kg)** and **1.A.3.d ii (-0.17 kg)**.

However, the strongest percental change occurs in **NFR 1.A.5.b with plus 184%**.

Table 1: Changes of emission estimates 1990

| NFR Sector                 | Submission 2021  | Submission 2022  | Difference  |              | Reasoning   |
|----------------------------|------------------|------------------|-------------|--------------|---|
|                            | [kg]             |                  |             | relative     |   |
| <b>NATIONAL TOTAL</b>      | <b>1.735,48</b>  | <b>1.735,78</b>  | <b>0,30</b> | <b>0,02%</b> | see description and reasoning in: sub-category chapters |
| <b>NFR 1 - Energy</b>      | <b>588,66</b>    | <b>588,96</b>    | <b>0,30</b> | <b>0,05%</b> | sub-category chapters                                   |
| 1.A.3.b i                  | 0,01110          | 0,01105          | -0,00005    | -0,44%       | <a href="#">here</a>                                    |
| 1.A.3.b ii                 | 0,00025          | 0,00024          | -0,00001    | -3,71%       | <a href="#">here</a>                                    |
| 1.A.3.b iv                 | 0,0005           | 0,0003           | -0,0002     | -47,16%      | <a href="#">here</a>                                    |
| 1.A.3.c                    | NE               | 0,47             | 0,47        |              | <a href="#">here</a>                                    |
| 1.A.3.d ii                 | 0,32             | 0,15             | -0,17       | -53,10%      | <a href="#">here</a>                                    |
| 1.A.4.c iii                | 0,0010           | 0,0007           | -0,0002     | -23,29%      | <a href="#">here</a>                                    |
| 1.A.5.b                    | 0,0009           | 0,0025           | 0,0016      | 184%         | <a href="#">here</a>                                    |
| <b>NFR 2 - IPPU</b>        | <b>1.146,82</b>  | <b>1.146,82</b>  | <b>0,00</b> | <b>0,00%</b> |   |
| <b>NFR 3 - Agriculture</b> | NA               |                  |             |              |   |
| <b>NFR 5 - Waste</b>       | <b>0,0000005</b> | <b>0,0000005</b> | <b>0,00</b> | <b>0,00%</b> |   |
| <b>NFR 6 - Other</b>       | NA               |                  |             |              |   |

Changes within the **National Total** reported for **2019 (+6.77 kg or +3.14 %)** are dominated by changes in **NFR 1.A.1.a with +7.34 kg**.

Table 2: Changes of emission estimates 2019

| NFR Sector                 | Submission 2021 | Submission 2022 | Difference  |              | Reasoning   |
|----------------------------|-----------------|-----------------|-------------|--------------|---|
|                            | [kg]            |                 |             | relative     |   |
| <b>NATIONAL TOTAL</b>      | <b>215,78</b>   | <b>222,55</b>   | <b>6,77</b> | <b>3,14%</b> | see description and reasoning in: sub-category chapters |
| <b>NFR 1 - Energy</b>      | <b>142,11</b>   | <b>148,87</b>   | <b>6,77</b> | <b>4,76%</b> | sub-category chapters                                   |
| 1.A.1.a                    | 98,96           | 106,30          | 7,34        | 7,42%        | <a href="#">here</a>                                    |
| 1.A.2.g viii               | 17,05           | 16,69           | -0,36       | -2,13%       | <a href="#">here</a>                                    |
| 1.A.3.b i                  | 0,00154         | 0,00178         | 0,00024     | 15,40%       | <a href="#">here</a>                                    |
| 1.A.3.b ii                 | 0,000176        | 0,000178        | 0,000002    | 1,18%        | <a href="#">here</a>                                    |
| 1.A.3.b iii                | 0,00007601      | 0,00007606      | 0,00000004  | 0,06%        | <a href="#">here</a>                                    |
| 1.A.3.b iv                 | 0,0002          | 0,0003          | 0,0001      | 65,41%       | <a href="#">here</a>                                    |
| 1.A.3.c                    | NE              | 0,06            | 0,06        |              | <a href="#">here</a>                                    |
| 1.A.3.d ii                 | 0,14            | 0,10            | -0,04       | -26,43%      | <a href="#">here</a>                                    |
| 1.A.4.a i                  | 4,26            | 3,88            | -0,38       | -8,87%       | <a href="#">here</a>                                    |
| 1.A.4.b i                  | 21,32           | 21,50           | 0,17        | 0,81%        | <a href="#">here</a>                                    |
| 1.A.4.c i                  | 0,36            | 0,32            | -0,04       | -12,00%      | <a href="#">here</a>                                    |
| 1.A.4.c iii                | 0,0005          | 0,0003          | -0,0002     | -37,07%      | <a href="#">here</a>                                    |
| 1.A.5.a                    | 0,014           | 0,023           | 0,008       | 56,97%       | <a href="#">here</a>                                    |
| 1.A.5.b                    | 0,00049         | 0,00015         | -0,00035    | -70,60%      | <a href="#">here</a>                                    |
| <b>NFR 2 - IPPU</b>        | <b>73,68</b>    | <b>73,68</b>    | <b>0,00</b> | <b>0,00%</b> |   |
| <b>NFR 3 - Agriculture</b> | NA              |                 |             |              |   |
| <b>NFR 5 - Waste</b>       | <b>0,000002</b> | <b>0,000002</b> | <b>0,00</b> | <b>0,00%</b> |   |
| <b>NFR 6 - Other</b>       | NA              |                 |             |              |   |