

## Recalculations - Cadmium (Cd)

The changes within the **National Total reported for 1990 (-1.31 kt | -4.3 %)** are dominated by changes in **NFR 2.G (-1.3 t | -54.9 %)** together with less significant revisions throughout NFRs 1, 2 and 3.

Table 1: Changes of emission estimates 1990

| NFR Sector                 | Submission 2020 | Submission 2021 | Difference     |                | Reasoning  |
|----------------------------|-----------------|-----------------|----------------|----------------|--|
|                            | [t]             |                 | absolute       | relative       |  |
| <b>NATIONAL TOTAL</b>      | <b>30,4160</b>  | <b>29,1013</b>  | <b>-1,31</b>   | <b>-4,32%</b>  | <b>see description and reasoning in: sub-category chapters</b> |
| <b>NFR 1 - Energy</b>      | <b>12,7621</b>  | <b>12,7616</b>  | <b>-0,0005</b> | <b>-0,004%</b> | <b>sub-category chapters</b>                                   |
| 1.A.2.g vii                | 0,0000616       | 0,0000625       | 0,0000009      | 1,47%          | <a href="#">here</a>   |
| 1.A.3.a i(i)               | NE              | 0,0000001       | 0,0000001      |                | <a href="#">here</a>   |
| 1.A.3.a ii(i)              | 0,00001         | 0,00000         | -0,00001       | -84,90%        | <a href="#">here</a>   |
| 1.A.3.b i                  | 0,00617         | 0,00619         | 0,00002        | 0,29%          | <a href="#">here</a>   |
| 1.A.3.b ii                 | 0,00019         | 0,00016         | -0,00003       | -17,25%        | <a href="#">here</a>   |
| 1.A.3.b iii                | 0,00053         | 0,00055         | 0,00002        | 4,14%          | <a href="#">here</a>   |
| 1.A.3.b iv                 | 0,00011         | 0,00010         | -0,00001       | -6,18%         | <a href="#">here</a>   |
| 1.A.3.b vi                 | 0,1488          | 0,1483          | -0,0005        | -0,31%         | <a href="#">here</a>   |
| 1.A.4.a ii                 | 0,0000090       | 0,0000091       | 0,0000001      | 0,94%          | <a href="#">here</a>   |
| 1.A.4.c ii                 | 0,006558        | 0,006557        | -0,000001      | -0,02%         | <a href="#">here</a>   |
| <b>NFR 2 - IPPU</b>        | <b>17,58</b>    | <b>16,26</b>    | <b>-1,31</b>   | <b>-7,48%</b>  | <b>sub-category chapters</b>                                   |
| 2.G                        | 2,39            | 1,08            | -1,31          | -54,93%        | <a href="#">here</a>   |
| <b>NFR 3 - Agriculture</b> | <b>NA</b>       |                 |                |                |  |
| <b>NFR 5 - Waste</b>       | <b>0,075</b>    | <b>0,075</b>    | <b>0,00</b>    | <b>0,00%</b>   |  |
| <b>NFR 6 - Other</b>       | <b>NA</b>       |                 |                |                |  |

The changes within the **National Total reported for 1990 (-0.75 kt | -5.9 %)** are dominated by changes in **NFR 2. G (-0.71 t | -45.9 %)** together with less significant revisions throughout NFRs 1, 2 and 3.

Table 1: Changes of emission estimates 2018

| NFR Sector            | Submission 2020 | Submission 2021 | Difference   |               | Reasoning  |
|-----------------------|-----------------|-----------------|--------------|---------------|--|
|                       | [t]             |                 | absolute     | relative      |  |
| <b>NATIONAL TOTAL</b> | <b>12,69</b>    | <b>11,94</b>    | <b>-0,75</b> | <b>-5,88%</b> | <b>see description and reasoning in: sub-category chapters</b> |
| <b>NFR 1 - Energy</b> | <b>3,26</b>     | <b>3,23</b>     | <b>-0,04</b> | <b>-1,18%</b> | <b>sub-category chapters</b>                                   |
| 1.A.1.a               | 0,96            | 0,97            | 0,01         | 0,52%         | <a href="#">here</a>   |
| 1.A.1.b               | 1,21            | 1,15            | -0,06        | -4,85%        | <a href="#">here</a>   |
| 1.A.1.c               | 0,0086          | 0,0092          | 0,0007       | 7,95%         | <a href="#">here</a>   |
| 1.A.2.g vii           | 0,000065        | 0,000069        | 0,000004     | 5,48%         | <a href="#">here</a>   |
| 1.A.2.g viii          | 0,12            | 0,11            | -0,01        | -10,06%       | <a href="#">here</a>   |
| 1.A.3.a i(i)          | NE              | 0,0000001       | 0,0000001    |               | <a href="#">here</a>   |
| 1.A.3.a ii(i)         | 0,000002        | 0,000001        | -0,000001    | -36,34%       | <a href="#">here</a>   |
| 1.A.3.b i             | 0,00399         | 0,00402         | 0,00003      | 0,70%         | <a href="#">here</a>   |
| 1.A.3.b ii            | 0,000214        | 0,000215        | 0,000001     | 0,25%         | <a href="#">here</a>   |
| 1.A.3.b iii           | 0,000794        | 0,000768        | -0,000027    | -3,35%        | <a href="#">here</a>   |
| 1.A.3.b iv            | 0,000086        | 0,000085        | -0,000001    | -1,19%        | <a href="#">here</a>   |
| 1.A.3.b vi            | 0,2173          | 0,2170          | -0,0003      | -0,14%        | <a href="#">here</a>   |
| 1.A.3.b vii           | 0,00325         | 0,00324         | -0,00001     | -0,28%        | <a href="#">here</a>   |
| 1.A.3.c               | 0,0039          | 0,0036          | -0,0004      | -9,14%        | <a href="#">here</a>   |
| 1.A.3.d ii            | 0,0054          | 0,0056          | 0,0003       | 5,00%         | <a href="#">here</a>   |
| 1.A.4.a i             | 0,19            | 0,17            | -0,02        | -11,68%       | <a href="#">here</a>   |
| 1.A.4.a ii            | 0,000008        | 0,000007        | -0,000001    | -15,33%       | <a href="#">here</a>   |
| 1.A.4.b i             | 0,52            | 0,57            | 0,05         | 9,41%         | <a href="#">here</a>   |
| 1.A.4.b ii            | 0,0021          | 0,0020          | -0,0001      | -4,72%        | <a href="#">here</a>   |
| 1.A.4.c i             | 0,0085          | 0,0086          | 0,0001       | 1,03%         | <a href="#">here</a>   |

|                            | Submission 2020 | Submission 2021 | Difference   |                 | Reasoning                                |
|----------------------------|-----------------|-----------------|--------------|-----------------|--|
| <b>NFR Sector</b>          | <b>[t]</b>      |                 |              | <b>relative</b> | <b>see description and reasoning in:</b> |
| <b>NATIONAL TOTAL</b>      | <b>12,69</b>    | <b>11,94</b>    | <b>-0,75</b> | <b>-5,88%</b>   | <b>sub-category chapters</b>             |
| <b>NFR 1 - Energy</b>      | <b>3,26</b>     | <b>3,23</b>     | <b>-0,04</b> | <b>-1,18%</b>   | <b>sub-category chapters</b>             |
| 1.A.4.c ii                 | 0,0036          | 0,0039          | 0,0003       | 9,10%           | <a href="#">here</a>                     |
| 1.A.4.c iii                | 0,00057         | 0,00059         | 0,00002      | 3,03%           | <a href="#">here</a>                     |
| 1.A.5.b                    | 0,000110        | 0,000113        | 0,000003     | 2,70%           | <a href="#">here</a>                     |
| <b>NFR 2 - IPPU</b>        | <b>9,363</b>    | <b>8,655</b>    | <b>-0,71</b> | <b>-7,56%</b>   | <b>sub-category chapters</b>             |
| 2.G                        | 1,541           | 0,833           | -0,71        | -45,92%         | <a href="#">here</a>                     |
| <b>NFR 3 - Agriculture</b> | <b>NA</b>       |                 |              |                 |  |
| <b>NFR 5 - Waste</b>       | <b>0,06</b>     | <b>0,06</b>     | <b>0,00</b>  | <b>0,00%</b>    |  |
| <b>NFR 6 - Other</b>       | <b>NA</b>       |                 |              |                 |  |