

# Cadmium (Cd)



The changes within the **National Total reported for 1990 (-34 kt | -1.19 %)** are dominated by changes in **NFRs 1.A.3.b i, 1.A.3.b ii and 1.A.3.b iii** together with less significant revisions throughout NFRs 1, 2 and 3.

Here, the strongest relative change occurs for **NFR 2.G with minus 58 %**.

Table 1: Changes of emission estimates 1990

|                                | Submission<br>2020 | Submission<br>2021 | Difference     |                | Reasoning                            |
|--------------------------------|--------------------|--------------------|----------------|----------------|--------------------------------------|
| NFR Sector                     | [t]                |                    |                | relative       | see description<br>and reasoning in: |
| <b>NATIONAL TOTAL</b>          | <b>30,4160</b>     | <b>29,1013</b>     | <b>-1,31</b>   | <b>-4,32%</b>  | <b>sub-category<br/>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<br/>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<br/>chapters</b>     |
| 2.G                            | 2,39               | 1,08               | -1,31          | -54,93%        | <a href="#">here</a>                 |
| <b>NFR 3 -<br/>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>          |                    |                |                |                                      |
|                                | Submission<br>2020 | Submission<br>2021 | Difference     |                | Reasoning                            |
| NFR Sector                     | [t]                |                    |                | relative       | see description<br>and reasoning in: |
| <b>NATIONAL TOTAL</b>          | <b>12,69</b>       | <b>11,94</b>       | <b>-0,75</b>   | <b>-5,88%</b>  | <b>sub-category<br/>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<br/>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>                 |

|                                | Submission<br>2020 | Submission<br>2021 | Difference   |               | Reasoning                            |
|--------------------------------|--------------------|--------------------|--------------|---------------|--------------------------------------|
| NFR Sector                     | [t]                |                    |              | relative      | see description<br>and reasoning in: |
| <b>NATIONAL TOTAL</b>          | <b>12,69</b>       | <b>11,94</b>       | <b>-0,75</b> | <b>-5,88%</b> | <b>sub-category<br/>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<br/>chapters</b>     |
| 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>                 |
| 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<br/>chapters</b>     |
| 2.G                            | 1,541              | 0,833              | -0,71        | -45,92%       | <a href="#">here</a>                 |
| <b>NFR 3 -<br/>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>          |                    |              |               |                                      |