

# Recalculations - Indeno[1,2,3-c,d]Pyrene

The small changes within the **National Total reported for 1990 (+0.19 t | +0.83 %)** are dominated by changes in **NFR 1.B.1.b**.

In addition, several much less significant changes occur throughout NFR 1.

Table 1: Changes of emission estimates 1990

|                            | Submission 2021 | Submission 2022 | Difference   |              | Reasoning                         |
|----------------------------|-----------------|-----------------|--------------|--------------|-----------------------------------|
| NFR Sector                 | [t]             |                 |              | relative     | see description and reasoning in: |
| <b>NATIONAL TOTAL</b>      | <b>22,84</b>    | <b>23,03</b>    | <b>0,19</b>  | <b>0,83%</b> | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b>      | <b>22,73</b>    | <b>22,92</b>    | <b>0,19</b>  | <b>0,83%</b> | <b>sub-category chapters</b>      |
| 1.A.3.a i(i)               | 0,000005        | 0,000003        | -0,000002    | -33,33%      | <a href="#">here</a>              |
| 1.A.3.a ii(i)              | 0,000075        | 0,000050        | -0,000025    | -33,33%      | <a href="#">here</a>              |
| 1.A.3.d ii                 | 0,009           | 0,007           | -0,002       | -17,43%      | <a href="#">here</a>              |
| 1.A.4.c iii                | 0,00014         | 0,00006         | -0,00007     | -53,84%      | <a href="#">here</a>              |
| 1.A.5.b                    | 0,00735         | 0,00726         | -0,00008     | -1,11%       | <a href="#">here</a>              |
| 1.B.1.b                    | 0,73            | 0,92            | 0,19         | 26,18%       | <a href="#">here</a>              |
| <b>NFR 2 - IPPU</b>        | <b>0,07</b>     | <b>0,07</b>     | <b>0,00</b>  | <b>0,00%</b> |                                   |
| <b>NFR 3 - Agriculture</b> | <b>NA</b>       |                 |              |              |                                   |
| <b>NFR 5 - Waste</b>       | <b>0,04</b>     | <b>0,04</b>     | <b>0,000</b> | <b>0,00%</b> |                                   |
| <b>NFR 6 - Other</b>       | <b>NA</b>       |                 |              |              |                                   |

The remarkable changes within the **National Total reported for 2018 (+14.34 kt | +1,696 %)** are dominated by changes in **NFRs 1.A.4.a i and 1.A.4.b i**.

Table 2: Changes of emission estimates 2018

|                            | Submission 2020 | Submission 2021 | Difference   |                | Reasoning                         |
|----------------------------|-----------------|-----------------|--------------|----------------|-----------------------------------|
| NFR Sector                 | [t]             |                 |              | relative       | see description and reasoning in: |
| <b>NATIONAL TOTAL</b>      | <b>0,85</b>     | <b>15,18</b>    | <b>14,34</b> | <b>1,696%</b>  | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b>      | <b>0,72</b>     | <b>15,10</b>    | <b>14,39</b> | <b>2,008%</b>  | <b>sub-category chapters</b>      |
| 1.A.2.g vii                | 0,008           | 0,009           | 0,001        | 7,58%          | <a href="#">here</a>              |
| 1.A.3.a i(i)               | NE              | 0,000003        | 0,000003     |                | <a href="#">here</a>              |
| 1.A.3.a ii(i)              | 0,00008         | 0,00005         | -0,00003     | -36,34%        | <a href="#">here</a>              |
| 1.A.3.b i                  | 0,46            | 0,47            | 0,01         | 2,24%          | <a href="#">here</a>              |
| 1.A.3.b ii                 | 0,0575          | 0,0582          | 0,0007       | 1,20%          | <a href="#">here</a>              |
| 1.A.3.b iii                | 0,122           | 0,118           | -0,004       | -3,34%         | <a href="#">here</a>              |
| 1.A.3.b iv                 | 0,0044          | 0,0043          | -0,0001      | -1,19%         | <a href="#">here</a>              |
| 1.A.3.b vi                 | 0,01950         | 0,01947         | -0,00003     | -0,16%         | <a href="#">here</a>              |
| 1.A.3.c                    | 0,0021          | 0,0018          | -0,0003      | -13,98%        | <a href="#">here</a>              |
| 1.A.3.d ii                 | 0,0043          | 0,0044          | 0,0001       | 2,79%          | <a href="#">here</a>              |
| 1.A.4.a i                  | IE              | 1,52            | 1,52         |                | <a href="#">here</a>              |
| 1.A.4.a ii                 | 0,0014          | 0,0011          | -0,0002      | -15,45%        | <a href="#">here</a>              |
| 1.A.4.b i                  | IE              | 12,71           | 12,71        |                | <a href="#">here</a>              |
| 1.A.4.c i                  | IE              | 0,14            | 0,14         |                | <a href="#">here</a>              |
| 1.A.4.c ii                 | 0,0110          | 0,0107          | -0,0003      | -2,82%         | <a href="#">here</a>              |
| 1.A.4.c iii                | 0,00045         | 0,00047         | 0,00001      | 2,65%          | <a href="#">here</a>              |
| 1.A.5.a                    | IE              | 0,01            | 0,01         |                | <a href="#">here</a>              |
| 1.A.5.b                    | 0,00063         | 0,00063         | 0,00         | 0,01%          | <a href="#">here</a>              |
| <b>NFR 2 - IPPU</b>        | <b>0,10</b>     | <b>0,05</b>     | <b>-0,05</b> | <b>-50,27%</b> | <b>sub-category chapters</b>      |
| 2.G                        | 0,10            | 0,05            | -0,05        | -50,27%        | <a href="#">here</a>              |
| <b>NFR 3 - Agriculture</b> | <b>NA</b>       |                 |              |                |                                   |
| <b>NFR 5 - Waste</b>       | <b>0,03</b>     | <b>0,03</b>     | <b>0,00</b>  | <b>0,00%</b>   |                                   |
| <b>NFR 6 - Other</b>       | <b>NA</b>       |                 |              |                |                                   |

