

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

The marginally small changes within the **National Total** reported for **1990 (+0.00003 t or +0.0001 %)** result from **revisions in several sub-categories of NFR 1** with the most significant percental change occurs for **1.A.3.a i(i) with minus 62 %**.

Table 1: Changes of emission estimates 1990

|                            | Submission 2023 | Submission 2024 | Difference     |                | Reasoning                         |
|----------------------------|-----------------|-----------------|----------------|----------------|-----------------------------------|
| NFR Sector                 | [t]             |                 |                | relative       | see description and reasoning in: |
| <b>NATIONAL TOTAL</b>      | <b>23.03145</b> | <b>23.03148</b> | <b>0.00003</b> | <b>0.0001%</b> | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b>      | <b>22.92146</b> | <b>22.92149</b> | <b>0.00003</b> | <b>0.0001%</b> | <b>sub-category chapters</b>      |
| 1.A.2.g vii                | 0.0091          | 0.0065          | -0.0026        | -28.5%         | <a href="#">here</a>              |
| 1.A.3.a i(i)               | 0.000003        | 0.000001        | -0.000002      | -62.4%         | <a href="#">here</a>              |
| 1.A.3.a ii(i)              | 0.000050        | 0.000054        | 0.000004       | 7.61%          | <a href="#">here</a>              |
| 1.A.3.c                    | 0.00707         | 0.00710         | 0.00003        | 0.38%          | <a href="#">here</a>              |
| 1.A.4.a ii                 | 0.0015          | 0.0013          | -0.0002        | -12.6%         | <a href="#">here</a>              |
| 1.A.4.c ii                 | 0.011           | 0.014           | 0.003          | 25.6%          | <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>0.00</b>    | <b>0.00%</b>   |                                   |
| <b>NFR 6 - Other</b>       | <b>NA</b>       |                 |                |                |                                   |

The changes in the **National Total** reported for **2021 (+0.115 t or +0.67 %)** result from a **variety of revisions throughout NFR 1**.

The significant percental change occurring in NFR 1.A.3.b iii (+130 %) results from a correction of erroneous data reported with the previous submission.

Table 2: Changes of emission estimates 2021

|                            | Submission 2023 | Submission 2024 | Difference   |              | Reasoning                         |
|----------------------------|-----------------|-----------------|--------------|--------------|-----------------------------------|
| NFR Sector                 | [t]             |                 |              | relative     | see description and reasoning in: |
| <b>NATIONAL TOTAL</b>      | <b>17.004</b>   | <b>17.118</b>   | <b>0.115</b> | <b>0.67%</b> | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b>      | <b>16.942</b>   | <b>17.056</b>   | <b>0.115</b> | <b>0.68%</b> | <b>sub-category chapters</b>      |
| 1.A.2.g vii                | 0.010           | 0.007           | -0.003       | -31.1%       | <a href="#">here</a>              |
| 1.A.3.a i(i)               | 0.00000052      | 0.00000049      | -0.00000003  | -5.24%       | <a href="#">here</a>              |
| 1.A.3.a ii(i)              | 0.000006531     | 0.000006536     | 0.000000005  | 0.07%        | <a href="#">here</a>              |
| 1.A.3.b i                  | 0.419           | 0.413           | -0.006       | -1.46%       | <a href="#">here</a>              |
| 1.A.3.b ii                 | 0.065           | 0.064           | -0.001       | -1.92%       | <a href="#">here</a>              |
| 1.A.3.b iii                | 0.05            | 0.11            | 0.06         | 130%         | <a href="#">here</a>              |
| 1.A.3.b iv                 | 0.00408         | 0.00412         | 0.00004      | 1.02%        | <a href="#">here</a>              |
| 1.A.3.b vi                 | 0.017735        | 0.017758        | 0.000023     | 0.13%        | <a href="#">here</a>              |
| 1.A.3.c                    | 0.0021992       | 0.0022007       | 0.0000015    | 0.07%        | <a href="#">here</a>              |
| 1.A.3.d ii                 | 0.00356         | 0.00384         | 0.00028      | 7.86%        | <a href="#">here</a>              |
| 1.A.4.a i                  | 1.98            | 2.03            | 0.04         | 2.13%        | <a href="#">here</a>              |
| 1.A.4.a ii                 | 0.00114         | 0.00121         | 0.00007      | 5.93%        | <a href="#">here</a>              |
| 1.A.4.b i                  | 14.174          | 14.190          | 0.016        | 0.11%        | <a href="#">here</a>              |
| 1.A.4.b ii                 | 0.00066         | 0.00069         | 0.00003      | 4.60%        | <a href="#">here</a>              |
| 1.A.4.c i                  | 0.16082         | 0.16126         | 0.00044      | 0.27%        | <a href="#">here</a>              |
| 1.A.4.c ii                 | 0.012           | 0.015           | 0.003        | 29.15%       | <a href="#">here</a>              |
| 1.A.5.a                    | 0.02196         | 0.02197         | 0.00001      | 0.04%        | <a href="#">here</a>              |
| 1.A.5.b                    | 0.0004605       | 0.0004605       | 0.0000001    | 0.01%        | <a href="#">here</a>              |
| <b>NFR 2 - IPPU</b>        | <b>0.05</b>     | <b>0.05</b>     | <b>0.00</b>  | <b>0.00%</b> |                                   |
| <b>NFR 3 - Agriculture</b> | <b>NA</b>       |                 |              |              |                                   |

|                | Submission 2023 | Submission 2024 | Difference |          | Reasoning                         |
|----------------|-----------------|-----------------|------------|----------|-----------------------------------|
| NFR Sector     | [t]             |                 |            | relative | see description and reasoning in: |
| NATIONAL TOTAL | 17.004          | 17.118          | 0.115      | 0.67%    | sub-category chapters             |
| NFR 1 - Energy | 16.942          | 17.056          | 0.115      | 0.68%    | sub-category chapters             |
| NFR 5 - Waste  | 0.01            | 0.01            | 0.00       | 0.00%    |                                   |
| NFR 6 - Other  | NA              |                 |            |          |                                   |