

# Recalculations - Benzo[a]Pyrene

The marginally small changes within the **National Total** reported for **1990 (+0.0001 t or +0.004 %)** result almost entirely 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>26,9894</b>  | <b>26,9895</b>  | <b>0,0001</b> | <b>0,0004%</b> | <b>sub-category chapters</b>      |
| <b>NFR 1 - Energy</b>      | <b>25,4657</b>  | <b>25,4658</b>  | <b>0,0001</b> | <b>0,0004%</b> | <b>sub-category chapters</b>      |
| 1.A.2.g vii                | 0,035           | 0,025           | -0,010        | -28,3%         | <a href="#">here</a>              |
| 1.A.3.a i(i)               | 0,0000022       | 0,0000008       | -0,0000013    | -62,4%         | <a href="#">here</a>              |
| 1.A.3.a ii(i)              | 0,000031        | 0,000033        | 0,000002      | 7,61%          | <a href="#">here</a>              |
| 1.A.3.c                    | 0,0959          | 0,0960          | 0,0001        | 0,11%          | <a href="#">here</a>              |
| 1.A.4.a ii                 | 0,0055          | 0,0048          | -0,0007       | -12,7%         | <a href="#">here</a>              |
| 1.A.4.c ii                 | 0,04            | 0,05            | 0,01          | 25,3%          | <a href="#">here</a>              |
| <b>NFR 2 - IPPU</b>        | <b>0,96</b>     | <b>0,96</b>     | <b>0,00</b>   | <b>0,00%</b>   |                                   |
| <b>NFR 3 - Agriculture</b> | <b>0,00</b>     | <b>0,00</b>     | <b>0,00</b>   |                |                                   |
| <b>NFR 5 - Waste</b>       | <b>0,56</b>     | <b>0,56</b>     | <b>0,00</b>   | <b>0,00%</b>   |                                   |
| <b>NFR 6 - Other</b>       | <b>0,00</b>     | <b>0,00</b>     | <b>0,00</b>   |                |                                   |

The changes within the **National Total** reported for **2020 (-0.19 t or -1.23 %)** result from a variety of revisions throughout **NFRs 1 and 2**.

Table 2: Changes of emission estimates 2020

|                       | Submission 2023  | Submission 2024  | Difference       |              | Reasoning                         |
|-----------------------|------------------|------------------|------------------|--------------|-----------------------------------|
| NFR Sector            | [t]              |                  |                  | relative     | see description and reasoning in: |
| <b>NATIONAL TOTAL</b> | <b>17,45</b>     | <b>17,53</b>     | <b>0,09</b>      | <b>0,49%</b> | <b>sub-category chapters</b>      |
| NFR 1 - Energy        | 17,22            | 17,30            | 0,09             | 0,50%        | sub-category chapters             |
| 1.A.1.a               | 0,0429           | 0,0426           | -0,0002          | -0,56%       | <a href="#">here</a>              |
| 1.A.1.b               | 0,0031           | 0,0030           | -0,0001          | -3,73%       | <a href="#">here</a>              |
| 1.A.1.c               | 0,0008           | 0,0009           | 0,0001           | 14,4%        | <a href="#">here</a>              |
| 1.A.2.a               | 0,000117         | 0,000113         | -0,000004        | -3,76%       | <a href="#">here</a>              |
| 1.A.2.g vii           | 0,037            | 0,026            | -0,011           | -30,1%       | <a href="#">here</a>              |
| 1.A.2.g viii          | 0,021            | 0,020            | -0,001           | -5,19%       | <a href="#">here</a>              |
| 1.A.3.a i(i)          | 0,00000032       | 0,00000030       | -0,00000002      | -5,24%       | <a href="#">here</a>              |
| 1.A.3.a ii(i)         | 0,000004036      | 0,000004039      | 0,000000003      | 0,07%        | <a href="#">here</a>              |
| 1.A.3.b i             | 0,372            | 0,365            | -0,006           | -1,74%       | <a href="#">here</a>              |
| 1.A.3.b ii            | 0,064            | 0,063            | -0,001           | -1,94%       | <a href="#">here</a>              |
| 1.A.3.b iii           | 0,03             | 0,07             | 0,04             | 130%         | <a href="#">here</a>              |
| 1.A.3.b iv            | 0,00336          | 0,00339          | 0,00003          | 1,02%        | <a href="#">here</a>              |
| 1.A.3.b vi            | 0,02952          | 0,02956          | 0,00004          | 0,13%        | <a href="#">here</a>              |
| 1.A.3.c               | 0,008391         | 0,008397         | 0,000006         | 0,07%        | <a href="#">here</a>              |
| 1.A.3.d ii            | 0,014            | 0,015            | 0,001            | 7,86%        | <a href="#">here</a>              |
| 1.A.4.a i             | 2,01             | 2,05             | 0,04             | 2,14%        | <a href="#">here</a>              |
| 1.A.4.a ii            | 0,00427          | 0,00453          | 0,00026          | 6,00%        | <a href="#">here</a>              |
| 1.A.4.b i             | 14,30            | 14,31            | 0,01             | 0,06%        | <a href="#">here</a>              |
| 1.A.4.b ii            | 0,00298          | 0,00312          | 0,00014          | 4,60%        | <a href="#">here</a>              |
| 1.A.4.c i             | 0,1626           | 0,1630           | 0,0004           | 0,27%        | <a href="#">here</a>              |
| 1.A.4.c ii            | 0,05             | 0,06             | 0,01             | 29,2%        | <a href="#">here</a>              |
| 1.A.5.a               | 0,022196         | 0,022206         | 0,000010         | 0,04%        | <a href="#">here</a>              |
| 1.A.5.b               | 0,0020353        | 0,0020356        | 0,0000003        | 0,01%        | <a href="#">here</a>              |
| <b>NFR 2 - IPPU</b>   | <b>0,0521035</b> | <b>0,0521035</b> | <b>0,0000000</b> | <b>0,00%</b> |                                   |

|                     | Submission 2023 | Submission 2024 | Difference |          | Reasoning                         |
|---------------------|-----------------|-----------------|------------|----------|-----------------------------------|
| NFR Sector          | [t]             |                 |            | relative | see description and reasoning in: |
| NATIONAL TOTAL      | 17,45           | 17,53           | 0,09       | 0,49%    | sub-category chapters             |
| NFR 3 - Agriculture | NA              |                 |            |          |                                   |
| NFR 5 - Waste       | 0,1745894       | 0,1745894       | 0,0000000  | 0,00%    |                                   |
| NFR 6 - Other       | NA              |                 |            |          |                                   |