

# Recalculations - Benzo[a]Pyrene

The marginally small changes within the **National Total** reported for **1990 (+0.007 t or +0.03 %)** result almost entirely from **revisions in NFR sub-categories 1.A.3.b i, 1.A.3.b ii and 1.A.3.b iii** together with much less significant changes throughout NFR 1.

However, the most significant percental change occurs for **NFR 1.A.3.b ii with plus 27 %**.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2022	Submission 2023	Difference		Reasoning
	[t]		absolute	relative	
<b>NATIONAL TOTAL</b>	<b>26,98</b>	<b>26,99</b>	<b>0,007</b>	<b>0,03%</b>	<b>see description and reasoning in: sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>25,46</b>	<b>25,47</b>	<b>0,007</b>	<b>0,03%</b>	<b>see description and reasoning in: sub-category chapters</b>
1.A.2.g vii	0,0349	0,0349	0,0001	0,17%	<a href="#">here</a>
1.A.3.b i	0,2868	0,2934	0,0066	2,30%	<a href="#">here</a>
1.A.3.b ii	0,0122	0,0155	0,0033	27,12%	<a href="#">here</a>
1.A.3.b iii	0,0545	0,0519	-0,0027	-4,87%	<a href="#">here</a>
1.A.3.b iv	0,0042	0,0043	0,0001	2,99%	<a href="#">here</a>
1.A.4.a ii	0,00549	0,00549	-0,00001	-0,09%	<a href="#">here</a>
1.A.4.c ii	0,04192	0,04186	-0,00005	-0,13%	<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>see description and reasoning in: sub-category chapters</b>
<b>NFR 3 - Agriculture</b>	<b>NA</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>NA</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

NFR Sector	Submission 2022	Submission 2023	Difference		Reasoning
	[t]		absolute	relative	
<b>NATIONAL TOTAL</b>	<b>15,22</b>	<b>15,03</b>	<b>-0,19</b>	<b>-1,23%</b>	<b>see description and reasoning in: sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>14,99</b>	<b>14,81</b>	<b>-0,19</b>	<b>-1,24%</b>	<b>see description and reasoning in: sub-category chapters</b>
1.A.1.a	0,038	0,038	-0,001	-2,22%	<a href="#">here</a>
1.A.1.b	0,0027	0,0028	0,0001	5,50%	<a href="#">here</a>
1.A.1.c	0,0010	0,0009	-0,0001	-6,47%	<a href="#">here</a>
1.A.2.a	0,000109	0,000107	-0,000002	-1,82%	<a href="#">here</a>
1.A.2.g vii	0,037	0,038	0,001	3,20%	<a href="#">here</a>
1.A.2.g viii	0,019	0,022	0,002	12,93%	<a href="#">here</a>
1.A.3.a i(i)	0,000000121	0,000000121	-0,000000001	-0,42%	<a href="#">here</a>
1.A.3.a ii(i)	0,000003129	0,000003130	0,000000001	0,03%	<a href="#">here</a>
1.A.3.b i	0,365	0,368	0,002	0,68%	<a href="#">here</a>
1.A.3.b ii	0,058	0,059	0,001	1,93%	<a href="#">here</a>
1.A.3.b iii	0,08	0,03	-0,05	-65,91%	<a href="#">here</a>
1.A.3.b iv	0,00365	0,00369	0,00004	1,11%	<a href="#">here</a>
1.A.3.b vi	0,0293	0,0292	-0,0001	-0,41%	<a href="#">here</a>
1.A.3.c	0,0078	0,0083	0,0005	6,25%	<a href="#">here</a>
1.A.3.d ii	0,013134	0,013133	-0,000001	-0,01%	<a href="#">here</a>
1.A.4.a i	1,74	1,78	0,04	2,15%	<a href="#">here</a>
1.A.4.a ii	0,00438	0,00441	0,00004	0,89%	<a href="#">here</a>
1.A.4.b i	12,35	12,17	-0,18	-1,48%	<a href="#">here</a>
1.A.4.b ii	0,004	0,003	-0,001	-21,39%	<a href="#">here</a>
1.A.4.c i	0,14138	0,14136	-0,00001	-0,01%	<a href="#">here</a>
1.A.4.c ii	0,044	0,045	0,001	2,05%	<a href="#">here</a>
1.A.4.c iii	0,00025	0,00025	0,00000	0,00%	<a href="#">here</a>

	Submission 2022	Submission 2023	Difference		Reasoning
<b>NFR Sector</b>	<b>[t]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>15,22</b>	<b>15,03</b>	<b>-0,19</b>	<b>-1,23%</b>	<b>sub-category chapters</b>
1.A.5.a	0,015	0,016	0,001	6,65%	<a href="#">here</a>
1.A.5.b	0,0019	0,0019	0,0000	0,00%	<a href="#">here</a>
1.B.1.b	0,0393	0,0396	0,0003	0,88%	<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>				
<b>NFR 5 - Waste</b>	<b>0,18</b>	<b>0,18</b>	<b>0,00</b>	<b>0,00%</b>	
<b>NFR 6 - Other</b>	<b>NA</b>				