

# 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

NFR Sector	Submission 2023	Submission 2024	Difference		Reasoning
	[t]		absolute	relative	
<b>NATIONAL TOTAL</b>	<b>26,9894</b>	<b>26,9895</b>	<b>0,0001</b>	<b>0,0004%</b>	<b>see description and reasoning in: 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 small changes within the **National Total** reported for **2021 (+0.09 t or +0.5 %)** result from a **variety of small 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

NFR Sector	Submission 2023	Submission 2024	Difference		Reasoning
	[t]		absolute	relative	
<b>NATIONAL TOTAL</b>	<b>17,45</b>	<b>17,53</b>	<b>0,09</b>	<b>0,49%</b>	<b>see description and reasoning in: 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>

	Submission 2023	Submission 2024	Difference		Reasoning
<b>NFR Sector</b>	<b>[t]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<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>
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>	
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0,1745894</b>	<b>0,1745894</b>	<b>0,0000000</b>	<b>0,00%</b>	
<b>NFR 6 - Other</b>	<b>NA</b>				