

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	
NATIONAL TOTAL	26.9894	26.9895	0.0001	0.0004%	see description and reasoning in: sub-category chapters
NFR 1 - Energy	25.4657	25.4658	0.0001	0.0004%	sub-category chapters
1.A.2.g vii	0.035	0.025	-0.010	-28.3%	here
1.A.3.a i(i)	0.0000022	0.0000008	-0.0000013	-62.4%	here
1.A.3.a ii(i)	0.000031	0.000033	0.000002	7.61%	here
1.A.3.c	0.0959	0.0960	0.0001	0.11%	here
1.A.4.a ii	0.0055	0.0048	-0.0007	-12.7%	here
1.A.4.c ii	0.04	0.05	0.01	25.3%	here
NFR 2 - IPPU	0.96	0.96	0.00	0.00%	
NFR 3 - Agriculture	NA				
NFR 5 - Waste	0.56	0.56	0.00	0.00%	
NFR 6 - Other	NA				

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	
NATIONAL TOTAL	17.45	17.53	0.09	0.49%	see description and reasoning in: sub-category chapters
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%	here
1.A.1.b	0.0031	0.0030	-0.0001	-3.73%	here
1.A.1.c	0.0008	0.0009	0.0001	14.4%	here
1.A.2.a	0.000117	0.000113	-0.000004	-3.76%	here
1.A.2.g vii	0.037	0.026	-0.011	-30.1%	here
1.A.2.g viii	0.021	0.020	-0.001	-5.19%	here
1.A.3.a i(i)	0.00000032	0.00000030	-0.00000002	-5.24%	here
1.A.3.a ii(i)	0.000004036	0.000004039	0.000000003	0.07%	here
1.A.3.b i	0.372	0.365	-0.006	-1.74%	here
1.A.3.b ii	0.064	0.063	-0.001	-1.94%	here
1.A.3.b iii	0.03	0.07	0.04	130%	here
1.A.3.b iv	0.00336	0.00339	0.00003	1.02%	here
1.A.3.b vi	0.02952	0.02956	0.00004	0.13%	here
1.A.3.c	0.008391	0.008397	0.000006	0.07%	here
1.A.3.d ii	0.014	0.015	0.001	7.86%	here
1.A.4.a i	2.01	2.05	0.04	2.14%	here
1.A.4.a ii	0.00427	0.00453	0.00026	6.00%	here
1.A.4.b i	14.30	14.31	0.01	0.06%	here
1.A.4.b ii	0.00298	0.00312	0.00014	4.60%	here
1.A.4.c i	0.1626	0.1630	0.0004	0.27%	here

	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
1.A.4.c ii	0.05	0.06	0.01	29.2%	here
1.A.5.a	0.022196	0.022206	0.000010	0.04%	here
1.A.5.b	0.0020353	0.0020356	0.0000003	0.01%	here
NFR 2 - IPPU	0.05	0.05	0.00	0.00%	
NFR 3 - Agriculture	NA				
NFR 5 - Waste	0.18	0.18	0.00	0.00%	
NFR 6 - Other	NA				