

Recalculations - Benzo[k]Fluoranthene

The marginally small changes within the **National Total** reported for **1990 (+0.0001 t or +0.001 %)** 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	16.2592	16.2593	0.0001	0.001%	see description and reasoning in: sub-category chapters
NFR 1 - Energy	15.9993	15.9994	0.0001	0.001%	sub-category chapters
1.A.2.g vii	0.0387	0.0274	-0.0113	-29.31%	here
1.A.3.a i(i)	0.000002	0.000001	-0.000001	-62.4%	here
1.A.3.a ii(i)	0.000022	0.000024	0.000002	7.61%	here
1.A.3.c	0.0308	0.0309	0.0001	0.38%	here
1.A.4.a ii	0.0063	0.0055	-0.0008	-12.7%	here
1.A.4.c ii	0.045	0.057	0.012	27.0%	here
NFR 2 - IPPU	0.04	0.04	0.00	0.00%	
NFR 3 - Agriculture	NA				
NFR 5 - Waste	0.22	0.22	0.00	0.00%	
NFR 6 - Other	NA				

The changes within the **National Total** reported for **2021 (+0.30 t or +2.7 %)** are dominated by a correction in **NFR 1.A.3.b iii with +0.27 t**, accompanied by 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	11.36	11.66	0.30	2.68%	see description and reasoning in: sub-category chapters
NFR 1 - Energy	11.26	11.56	0.30	2.70%	sub-category chapters
1.A.2.g vii	0.039	0.025	-0.014	-36.5%	here
1.A.3.a i(i)	0.00000023	0.00000022	-0.00000001	-5.24%	here
1.A.3.a ii(i)	0.000002862	0.000002864	0.000000002	0.07%	here
1.A.3.b i	0.2177	0.2142	-0.0035	-1.60%	here
1.A.3.b ii	0.0355	0.0348	-0.0007	-1.93%	here
1.A.3.b iii	0.21	0.48	0.27	130%	here
1.A.3.b iv	0.00272	0.00275	0.00003	1.02%	here
1.A.3.c	0,009576	0,009583	0,000007	0,07%	here
1.A.3.d ii	0.016	0.017	0.001	7.86%	here
1.A.4.a i	1.29	1.32	0.03	2.13%	here
1.A.4.a ii	1.29	1.32	0.03	2.13%	here
1.A.4.b i	0.0049	0.0052	0.0003	6.00%	here
1.A.4.b ii	9.235	9.242	0.007	0.08%	here
1.A.4.c i	0.00029	0.00030	0.00001	4.60%	here
1.A.4.c ii	0.1049	0.1052	0.0003	0.28%	here
1.A.5.a	0.049	0.063	0.014	29.0%	here
1.A.5.b	0.00039378	0.00039381	0.00000003	0.01%	here
NFR 2 - IPPU	0.03	0.03	0.00	0.00%	
NFR 3 - Agriculture	NA				
NFR 5 - Waste	0.07	0.07	0.00	0.00%	

	Submission 2023	Submission 2024	Difference		Reasoning
NFR Sector		[t]		relative	see description and reasoning in:
NATIONAL TOTAL	11.36	11.66	0.30	2.68%	sub-category chapters
NFR 1 - Energy	11.26	11.56	0.30	2.70%	sub-category chapters
NFR 6 - Other		NA			