

Recalculations - Benzo[a]Pyrene

The strong changes within the **National Total reported for 1990 (-111 kt | -80 %)** are dominated by changes in **NFRs 1.A.4.a i and 1.A.4.b i**.

However, the most significant relative change occurs for **NFR 1.A.5.a with plus 168,754 %**.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2021	Submission 2022	Difference		Reasoning
	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	27,94	26,98	-0,96	-3,42%	sub-category chapters
NFR 1 - Energy	25,40	25,46	0,06	0,25%	sub-category chapters
1.A.3.a i(i)	0,000003	0,000002	-0,000001	-33,33%	here
1.A.3.a ii(i)	0,00005	0,00003	-0,00002	-33,33%	here
1.A.3.c	0,027	0,096	0,069	257%	here
1.A.3.d ii	0,034	0,028	-0,006	-17,43%	here
1.A.4.c iii	0,0005	0,0002	-0,0003	-53,84%	here
1.A.5.b	0,0309	0,0306	-0,0003	-1,00%	here
NFR 2 - IPPU	1,98	0,96	-1,02	-51,39%	sub-category chapters
2.C.1	0,13	NE	-0,13	-100%	here
2.C.3	1,79	0,90	-0,89	-49,74%	here
NFR 3 - Agriculture	NA				
NFR 5 - Waste	0,56	0,56	0,00	0,00%	
NFR 6 - Other	NA				

The strong changes within the **National Total reported for 2019 (-12.4 kt | -44 %)** are dominated by changes in **NFRs 1.A.4.a i and 1.A.4.b i**.

However, the most significant relative change occurs for **NFR 2.G with minus 50 %**.

Table 2: Changes of emission estimates 2018

NFR Sector	Submission 2020	Submission 2021	Difference		Reasoning
	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	28,21	15,84	-12,38	-43,87%	sub-category chapters
NFR 1 - Energy	27,68	15,33	-12,35	-44,62%	sub-category chapters
1.A.1.a	0,048	0,049	0,001	2,57%	here
1.A.1.b	0,0028	0,0030	0,0003	9,48%	here
1.A.1.c	0,0010	0,0014	0,0004	33,54%	here
1.A.2.a	0,000122	0,000123	0,000001	0,89%	here
1.A.2.g vii	0,033	0,035	0,002	7,40%	here
1.A.2.g viii	0,0216	0,0215	-0,0002	-0,70%	here
1.A.3.a i(i)	NE	0,0000016	0,0000016		here
1.A.3.a ii(i)	0,000049	0,000031	-0,000018	-36,34%	here
1.A.3.b i	0,41	0,42	0,01	2,53%	here
1.A.3.b ii	0,057	0,058	0,001	1,25%	here
1.A.3.b iii	0,079	0,076	-0,003	-3,34%	here
1.A.3.b iv	0,00361	0,00357	-0,00004	-1,19%	here
1.A.3.b vi	0,0325	0,0324	-0,0001	-0,15%	here
1.A.3.c	0,008	0,007	-0,001	-13,98%	here
1.A.3.d ii	0,0163	0,0168	0,0005	2,79%	here
1.A.4.a i	3,06	1,54	-1,52	-49,81%	here
1.A.4.a ii	0,005	0,004	-0,001	-15,36%	here
1.A.4.b i	23,54	12,82	-10,72	-45,55%	here
1.A.4.c i	0,24	0,14	-0,10	-43,03%	here
1.A.4.c ii	0,042	0,041	-0,001	-2,75%	here

	Submission 2020	Submission 2021	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	28,21	15,84	-12,38	-43,87%	sub-category chapters
NFR 1 - Energy	27,68	15,33	-12,35	-44,62%	sub-category chapters
1.A.4.c iii	0,00172	0,00177	0,00005	2,65%	here
1.A.5.a	0,018	0,011	-0,01	-35,84%	here
NFR 2 - IPPU	0,09	0,07	-0,03	-27,36%	sub-category chapters
2.G	0,05	0,03	-0,03	-50,27%	here
NFR 3 - Agriculture	NA				
NFR 5 - Waste	0,44	0,44	0,00	0,00%	
NFR 6 - Other	NA				