| pollutant-specific data: | NOx | NMVOC | SOx | NH3 | PM2.5 | PM10 | TSP | BC | CO | Pb | Cd | Hg | As | Cr | Cu | Ni | Se | Zn | PCDD/F | **B[a]P** | B[b]F | B[k]F | I[x]P | PAH1-4 | HCB | PCB |

Recalculations - Benzo[a]Pyrene

With no reportable changes within the **National Total** reported for **1990**, the only notable percental changes occur for NFRs **1.A.2.g vii with -2.05 %**, **1.A.4.a ii with -2.16 %** and **1.A.4.c ii with plus 1.18 %** with mutually canceling absolute changes.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2024	Submission 2025	Difference	relative	Reasoning see description and reasoning in:
	[t]				
NATIONAL TOTAL	**26.99**	**26.99**	**0.00**	**0.00%**	**sub-category chapters**
NFR 1 - Energy	**25.47**	**25.47**	**0.00**	**0.00%**	**sub-category chapters**
1.A.2.g vii	0.0250	0.0245	-0.0005	-2.05%	here
1.A.4.a ii	0.0048	0.0047	-0.0001	-2.16%	here
1.A.4.c ii	0.0525	0.0531	0.0006	1.18%	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 significant changes within the **National Total** reported for **2022 (+0.87 t or +4.87 %)** are dominated by revisions in NFR sub-categories **1.A.4.b i with +0.95 t** and **1.A.4.a ii with -0.07 t** togehter with a variety of small revisions throughout NFRs 1 and 2.

However, the most significant percental change occurs in NFR **1.A.4.a ii with minus 16 %**.

Table 2: Changes of emission estimates 2022

NFR Sector	Submission 2024	Submission 2025	Difference	relative	Reasoning see description and reasoning in:
	[t]				
NATIONAL TOTAL	**17.94**	**18.81**	**0.87**	**4.87%**	**sub-category chapters**
NFR 1 - Energy	17.47	18.34	0.87	5.00%	sub-category chapters
1.A.1.a	0.0474	0.0471	-0.0003	-0.62%	here
1.A.1.b	0.0043	0.0042	-0.0001	-2.74%	here
1.A.1.c	0.0009	0.0008	-0.0001	-10.23%	here
1.A.2.a	0.000105	0.000107	0.000002	2.10%	here
1.A.2.g vii	0.023	0.022	-0.001	-4.50%	here
1.A.2.g viii	0.0253	0.0251	-0.0002	-0.71%	here
1.A.3.b i	0.3813	0.3816	0.0003	0.08%	here
1.A.3.b ii	0.065	0.064	-0.001	-1.73%	here
1.A.3.b iii	0.068	0.069	0.001	0.90%	here
1.A.3.b iv	0.0037	0.0036	-0.0001	-2.57%	here
1.A.3.c	0.007933	0.007946	0.000013	0.16%	here
1.A.3.d ii	0.0125	0.0122	-0.0004	-3.03%	here
1.A.4.a i	2.01	1.93	-0.07	-3.70%	here
1.A.4.a ii	0.004	0.003	-0.001	-16.03%	here
1.A.4.b i	14.51	15.46	0.95	6.55%	here
1.A.4.b ii	0.0031	0.0032	0.0001	2.11%	here
1.A.4.c i	0.145	0.143	-0.002	-1.35%	here
1.A.4.c ii	0.059	0.060	0.001	2.53%	here
1.A.5.b	0.0022	0.0024	0.0002	9.13%	here
NFR 2 - IPPU	**0.046503**	**0.046505**	**0.000002**	**0.004%**	**sub-category chapters**

	Submission 2024	Submission 2025	Difference		Reasoning
NFR Sector		**[t]**		relative	**see description and reasoning in:**
NATIONAL TOTAL	**17.94**	**18.81**	**0.87**	**4.87%**	**sub-category chapters**
2.G	0.022246	0.022247	0.000002	0.01%	here
NFR 3 - Agriculture		**NA**			
NFR 5 - Waste	**0.422**	**0.422**	**0.000**	**0.00%**	
NFR 6 - Other		**NA**			

	Submission 2024	Submission 2025	Difference		Reasoning
NFR Sector		**[t]**		relative	**see description and reasoning in:**
NATIONAL TOTAL	**17.94**	**18.81**	**0.87**	**4.87%**	**sub-category chapters**
2.G	0.022246	0.022247	0.000002	0.01%	here
NFR 3 - Agriculture		**NA**			
NFR 5 - Waste	**0.422**	**0.422**	**0.000**	**0.00%**	
NFR 6 - Other		**NA**			