| 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 - Polyaromatic Hydrocarbons 1 to 4

The rather remarkable changes within the **National Total** reported for **1990 (+1.94 t or +1.68 %)** are dominated by newly implemented emission estimates for B[b]F, B[k]F and I[x]P from **NFR sub-category 2.C.3**, increasing the PAH emissions from this specific source by **more than 200 %**. Furthermore, a variety of often opposing **revisions** occurs for sub-categories **throughout NFR 1**.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2025	Submission 2026	Difference	relative	Reasoning see description and reasoning in:
		[t]			
NATIONAL TOTAL	**115.67**	**117.61**	**1.94**	**1.68%**	**sub-category chapters**
NFR 1 - Energy	**102.40**	**102.50**	**0.09**	**0.09%**	**sub-category chapters**
1.A.2.g vii	0.097716	0.097723	0.000007	0.01%	here
1.A.3.b i	1.24	1.56	0.32	25.62%	here
1.A.3.b ii	0.06	0.10	0.04	62.72%	here
1.A.3.b iii	0.80	0.57	-0.23	-28.93%	here
1.A.3.b iv	0.018	0.016	-0.002	-9.08%	here
1.A.3.b vi	0.06	0.04	-0.02	-28.25%	here
1.A.3.c	0.29	0.28	-0.01	-4.08%	here
1.A.4.a ii	0.01910	0.01909	-0.00001	-0.03%	here
1.A.4.c ii	0.211353	0.211351	-0.000002	-0.001%	here
NFR 2 - IPPU	**11.81**	**13.65**	**1.85**	**15.65%**	**sub-category chapters**
2.C.3	0.90	2.75	1.85	206%	here
NFR 3 - Agriculture		NA			
NFR 5 - Waste	**1.46**	**1.46**	**0.00**	**0.00%**	
NFR 6 - Other		NA			

The significant changes within the **National Total** reported for **2022 (+1.28 t or +4.92 %)** are dominated by revisions in NFR sub-categories **1.A.4.b i with +1.39 t** and **1.A.4.a i with -0.11 t** togehter with a variety of small revisions throughout NFR 1.

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

Table 2: Changes of emission estimates 2023

NFR Sector	Submission 2025	Submission 2026	Difference	relative	Reasoning see description and reasoning in:
		[t]			
NATIONAL TOTAL	**67,13**	**66,60**	**-0,53**	**-0,79%**	**sub-category chapters**
NFR 1 - Energy	**63,04**	**62,51**	**-0,53**	**-0,85%**	**sub-category chapters**
1.A.1.a	0,03745	0,03790	0,00044	1,18%	here
1.A.1.b	0,00290	0,00300	0,00010	3,56%	here
1.A.1.c	0,000683	0,000686	0,000003	0,44%	here
1.A.2.a	0,000325	0,000324	-0,000001	-0,27%	
1.A.2.g vii	0,08	0,10	0,02	27,87%	here
1.A.2.g viii	0,51	0,47	-0,04	-7,23%	here
1.A.3.a i(i)	0,00000026	0,00000026	0,00000001	2,34%	here
1.A.3.a ii(i)	0,0000130	0,0000133	0,0000003	2,34%	here
1.A.3.b i	1,453	2,074	0,62	42,70%	here
1.A.3.b ii	0,230	0,117	-0,11	-49,25%	here
1.A.3.b iii	1,00	0,88	-0,12	-11,59%	here
1.A.3.b iv	0,013	0,012	-0,001	-6,38%	here

NFR Sector	Submission 2025	Submission 2026	Difference	relative	Reasoning see description and reasoning in:
	[t]				
NATIONAL TOTAL	67,13	66,60	-0,53	-0,79%	sub-category chapters
NFR 1 - Energy	63,04	62,51	-0,53	-0,85%	sub-category chapters
1.A.3.b vi	0,09	0,06	-0,03	-34,04%	here
1.A.3.c	0,031	0,028	-0,003	-10,72%	here
1.A.3.d ii	0,051	0,050	-0,001	-2,49%	here
1.A.4.a i	9,17	8,49	-0,68	-7,41%	here
1.A.4.a ii	0,013	0,017	0,005	38,37%	here
1.A.4.b i	49,32	49,15	-0,17	-0,35%	here
1.A.4.b ii	0,0075	0,0071	-0,0004	-4,82%	here
1.A.4.c ii	0,24	0,21	-0,03	-12,70%	here
1.A.5.a	0,074	0,081	0,007	9,39%	here
1.A.5.b	0,0059	0,0058	-0,0001	-1,48%	here
1.B.1.b	0,13268	0,13269	0,00001	0,01%	here
NFR 2 - IPPU	2,999367	3,000071	0,000704	0,02%	sub-category chapters
2.C.3	0,000334	0,001021	0,000687	206%	here
2.G	0,1148164	0,1148338	0,0000173	0,02%	here
NFR 3 - Agriculture	0,00	0,00	0,00	#DIV/0!	sub-category chapters
NFR 5 - Waste	1,09	1,09	0,00	0,00%	sub-category chapters
NFR 6 - Other	0,00	0,00	0,00	#DIV/0!	