

Polyaromatic Hydrocarbons - PAHs

The strong changes within the **National Total reported for 1990 (-198 kt | -53 %)** 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 691,203 %**.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2020	Submission 2021	Difference		Reasoning
	[kt]			relative	see description and reasoning in:
NATIONAL TOTAL	374,98	177,42	-197,55	-52,68%	sub-category chapters
NFR 1 - Energy	337,52	140,19	-197,33	-58,47%	sub-category chapters
1.A.2.g vii	0,138	0,140	0,002	1,60%	here
1.A.2.g viii	3,75	3,75	0,00	0,00%	here
1.A.3.a i(i)	NE	0,00002	0,00002		here
1.A.3.a ii(i)	0,0015	0,0002	-0,0012	-84,90%	here
1.A.3.b i	1,222	1,219	-0,002	-0,18%	here
1.A.3.b ii	0,07	0,05	-0,02	-31,77%	here
1.A.3.b iii	0,80	0,84	0,03	4,14%	here
1.A.3.b iv	0,018	0,017	-0,001	-6,18%	here
1.A.3.b vi	0,0622	0,0620	-0,0002	-0,30%	here
1.A.4.a i	50,50	9,26	-41,23	-81,66%	here
1.A.4.a ii	0,0222	0,0224	0,0002	0,94%	here
1.A.4.b i	222,63	73,94	-148,69	-66,79%	here
1.A.4.c i	12,76	2,60	-10,16	-79,61%	here
1.A.4.c ii	0,168	0,166	-0,002	-1,44%	here
1.A.5.a	0,0004	2,7365	2,7361	691,203%	here
NFR 2 - IPPU	36,05	35,77	-0,28	-0,76%	sub-category chapters
2.G	0,47	0,20	-0,28	-58,42%	here
NFR 3 - Agriculture	NA				
NFR 5 - Waste	1,46	1,46	0,00	0,00%	sub-category chapters
NFR 6 - Other	NA				

The strong changes within the **National Total reported for 2018 (-99 kt | -56 %)** 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 minus 63 %**.

Table 2: Changes of emission estimates 2018

NFR Sector	Submission 2020	Submission 2021	Difference		Reasoning
	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	174,88	75,71	-99,18	-56,71%	sub-category chapters
NFR 1 - Energy	164,19	65,16	-99,04	-60,32%	sub-category chapters
1.A.1.a	0,68	0,76	0,08	12,06%	here
1.A.1.b	0,014	0,015	0,001	9,13%	here
1.A.1.c	0,101	0,175	0,07	72,74%	here
1.A.2.a	0,000344	0,000346	0,000002	0,59%	here
1.A.2.g vii	0,13	0,14	0,01	7,92%	here
1.A.2.g viii	0,81	0,74	-0,07	-8,05%	here
1.A.3.a i(i)	NE	0,00001	0,00001		here
1.A.3.a ii(i)	0,00023	0,00015	-0,00009	-36,34%	here
1.A.3.b i	1,58	1,62	0,04	2,37%	here
1.A.3.b ii	0,206	0,209	0,003	1,22%	here
1.A.3.b iii	1,21	1,17	-0,04	-3,34%	here
1.A.3.b iv	0,0150	0,0148	-0,0002	-1,19%	here

	Submission 2020	Submission 2021	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	174,88	75,71	-99,18	-56,71%	sub-category chapters
NFR 1 - Energy	164,19	65,16	-99,04	-60,32%	sub-category chapters
1.A.3.b vi	0,0912	0,0911	-0,0001	-0,16%	here
1.A.3.c	0,033	0,029	-0,005	-13,98%	here
1.A.3.d ii	0,067	0,068	0,002	2,79%	here
1.A.4.a i	21,24	6,29	-14,95	-70,38%	here
1.A.4.a ii	0,021	0,018	-0,003	-15,35%	here
1.A.4.b i	135,47	52,49	-82,98	-61,25%	here
1.A.4.c i	1,69	0,57	-1,12	-66,30%	here
1.A.4.c ii	0,168	0,163	-0,005	-2,94%	here
1.A.4.c iii	0,0070	0,0072	0,0002	2,65%	here
1.A.5.a	0,13	0,05	-0,08	-62,89%	here
1.A.5.b	0,007301	0,007301	0,000001	0,01%	here
NFR 2 - IPPU	9,55	9,41	-0,14	-1,43%	sub-category chapters
2.G	0,27	0,14	-0,14	-50,27%	here
NFR 3 - Agriculture		NA			
NFR 5 - Waste	1,14	1,14	0,00	0,00%	
NFR 6 - Other		NA			