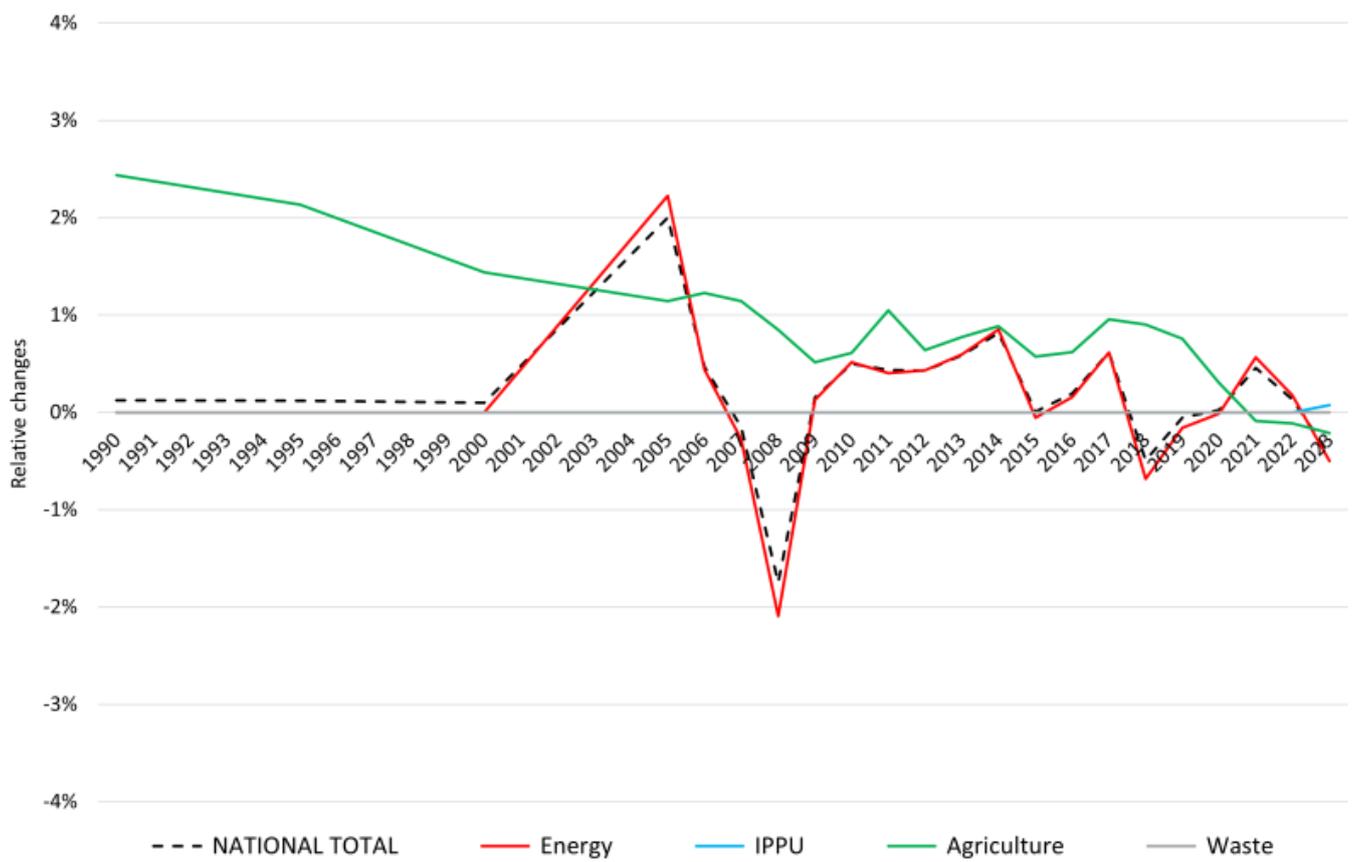
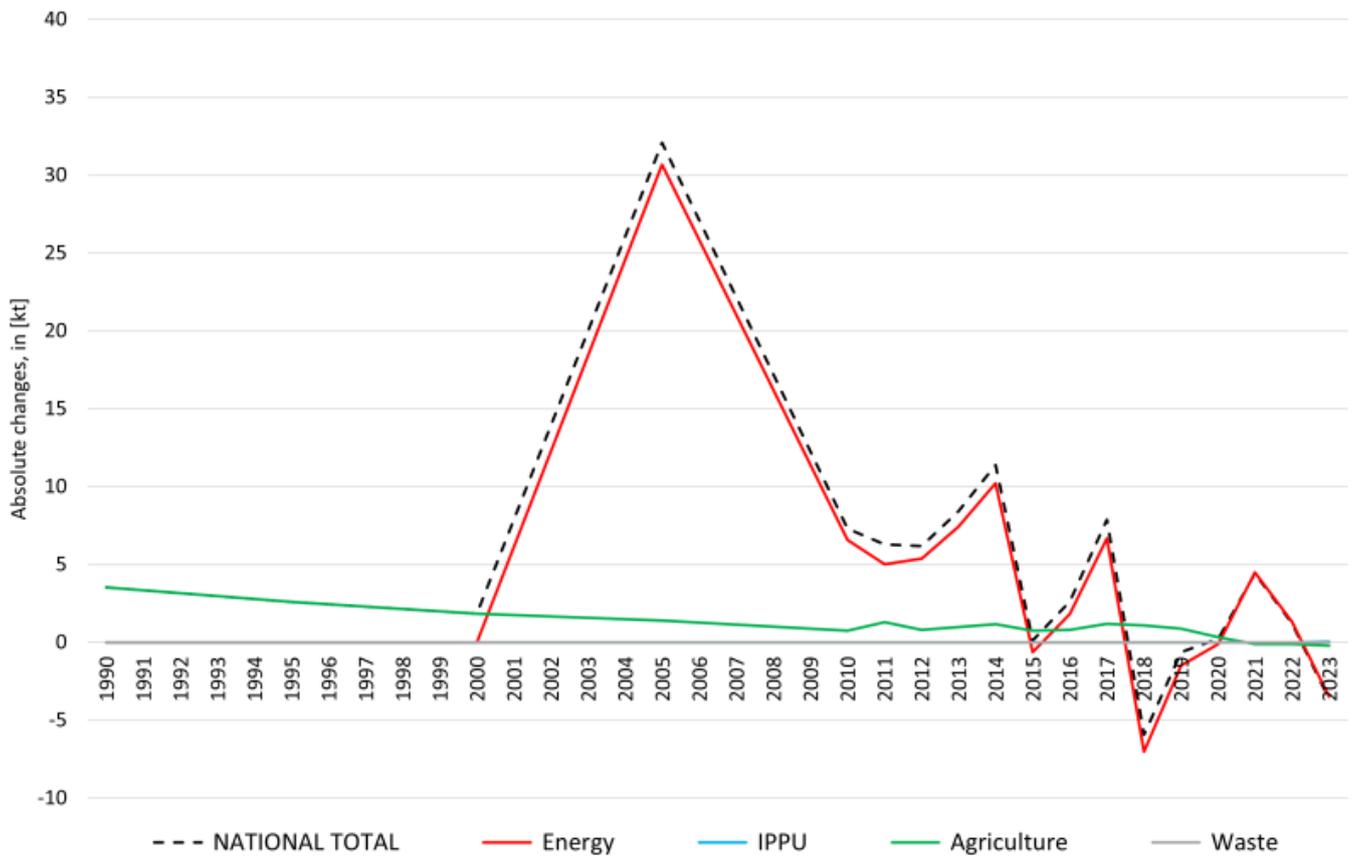


Recalculations - Nitrogen Oxides



The marginal changes within the **National Total** reported for **1990 (+3.77 kt or +0.13 %)** are dominated by changes in NFRs **1.A.3.d ii**, **1.A.2.g vii** and **1.A.4.c ii** together with less significant revisions throughout NFRs 1, 2 and 3. The most significant percental change occurs for **NFR 3.B.4.e with plus 450 %**.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2024		Submission 2025		see description and reasoning in:
	[kt]		relative		
NATIONAL TOTAL	2,842.27	2.846.04	3.77	0.13%	sub-category chapters
NFR 1 - Energy	2,597.94	2.599.34	1.40	0.05%	sub-category chapters
1.A.2.g vii	35.42	34.65	-0.76	-2.16%	here
1.A.3.d ii	51.59	53.25	1.66	3.22%	here
1.A.4.a ii	10.59	10.44	-0.15	-1.40%	here
1.A.4.c ii	63.59	64.29	0.69	1.09%	here
1.A.4.c iii	0.39	0.38	-0.01	-1.90%	here
1.A.5.b	41.20	41.17	-0.03	-0.08%	here
NFR 2 - IPPU	100.73	100.73	0.00	0.00%	
NFR 3 - Agriculture	142.87	145.23	2.36	1.65%	sub-category chapters
3.B.1.a	0.67	0.89	0.22	33.0%	here
3.B.1.b	0.6896	0.8427	0.15	22.2%	here
3.B.2	0.02	0.04	0.02	100%	here
3.B.3	0.28	0.36	0.08	28.1%	here
3.B.4.d	0.00114	0.00228	0.00114	100%	here
3.B.4.e	0.042	0.232	0.190	450%	here
3.B.4.g ii	0.00562	0.00560	-0.00002	-0.41%	here
3.B.4.g iii	0.00339	0.00343	0.00004	1.23%	here
3.B.4.g iv	0.0025	0.0028	0.0003	13.7%	here
3.B.4.h	0.0038	0.0077	0.0038	100%	here
3.D.a.2.a	44.59	45.94	1.35	3.04%	here
3.D.a.3	8.50	8.84	0.34	4.01%	here
NFR 5 - Waste	0.74	0.74	0.00	0.00%	
NFR 6 - Other	NA				

The changes within the **National Total** reported for **2022 (-15.2 kt or -1.61 %)** are dominated by revisions in NFRs **1.A.1.a** (-13 kt) and **1.A.2.g viii** (-4.71 kt) together with less significant revisions **throughout NFRs 1, 2 and 3**.

Here, the most significant percental change occurs for **NFR 3.B.4.e with plus 468 %**.

Table 2: Changes of emission estimates 2020

NFR Sector	Submission 2024		Submission 2025		Difference		Reasoning
	[kt]				relative		
NATIONAL TOTAL	844,88	841,23	-3,65	-0,43%	see description and reasoning in:		sub-category chapters
NFR 1 - Energy	695,05	691,57	-3,48	-0,50%	see description and reasoning in:		sub-category chapters
1.A.1.a	168,11	169,59	1,48	0,88%	here		
1.A.1.b	14,34	14,24	-0,10	-0,69%	here		
1.A.1.c	10,84	11,58	0,74	6,79%	here		
1.A.2.a	3,86	3,90	0,04	0,93%	here		
1.A.2.b	0,94	0,94	0,00	-0,47%	here		
1.A.2.c	IE	IE	#WERT!	#WERT!	here		
1.A.2.d	IE	IE	#WERT!	#WERT!	here		
1.A.2.e	0,23	0,19	-0,05	-19,84%	here		
1.A.2.f	IE	IE	#WERT!	#WERT!	here		
1.A.2.g vii	5,15	6,92	1,77	34,37%	here		
1.A.2.g viii	59,41	58,18	-1,24	-2,08%	here		
1.A.3.a i(i)	9,23	9,23	0,00	0,00%	here		
1.A.3.a ii(i)	1,2803	1,2804	0,00	0,00%	here		

	Submission 2024	Submission 2025	Difference		Reasoning
NFR Sector	[kt]		relative		see description and reasoning in:
NATIONAL TOTAL	844,88	841,23	-3,65	-0,43%	sub-category chapters
NFR 1 - Energy	695,05	691,57	-3,48	-0,50%	sub-category chapters
1.A.3.b i	169,24	169,07	-0,16	-0,10%	here
1.A.3.b ii	41,34	40,92	-0,42	-1,02%	here
1.A.3.b iii	59,99	59,53	-0,47	-0,78%	here
1.A.3.b iv	1,18	1,17	-0,01	-0,85%	here
1.A.3.b v	NA	NA	#WERT!	#WERT!	here
1.A.3.b vi	NA	NA	#WERT!	#WERT!	here
1.A.3.b vii	NA	NA	#WERT!	#WERT!	here
1.A.3.c	7,358	7,360	0,002	0,03%	here
1.A.3.d i(ii)	IE	IE	#WERT!	#WERT!	
1.A.3.d ii	19,69	19,20	-0,49	-2,49%	here
1.A.3.e i	1,05	1,05	0,00	0,00%	1.A.3.e i - Pipeline Transport]
1.A.3.e ii	NA	NA	#WERT!	#WERT!	1.A.3.e ii - Other Transport: Other]
1.A.4.a i	17,74	17,00	-0,74	-4,16%	here
1.A.4.a ii	5,45	5,95	0,51	9,29%	here
1.A.4.b i	53,69	53,84	0,14	0,27%	here
1.A.4.b ii	0,40	0,38	-0,02	-4,81%	here
1.A.4.c i	7,575	7,578	0,003	0,04%	here
1.A.4.c ii	32,43	27,85	-4,58	-14,13%	here
1.A.4.c iii	0,250	0,250	0,00	0,00%	here
1.A.5.a	0,248	0,252	0,004	1,52%	here
1.A.5.b	2,80	2,88	0,07	2,59%	here
1.B.1.a	NA	NA	#WERT!	#WERT!	here
1.B.1.b	0,23	0,29	0,05	23,38%	here
1.B.1.c	NA	NA	#WERT!	#WERT!	here
1.B.2.a i	NA	NA	#WERT!	#WERT!	
1.B.2.a iv	0,652	0,651	-0,002	-0,26%	
1.B.2.a v	NA	NA	#WERT!	#WERT!	
1.B.2.b	0,02	0,02	0,00	0,00%	
1.B.2.c	0,306	0,303	-0,003	-1,04%	
1.B.2.d	NA	NA	#WERT!	#WERT!	
NFR 2 - IPPU	49,23	49,27	0,04	0,07%	sub-category chapters
2.A.1	10,44	10,44	0,00	0,00%	here
2.A.2	3,237	3,237	0,00	0,00%	here
2.A.3	9,91	9,95	0,03	0,33%	here
2.A.5.a	NA	NA	#WERT!	#WERT!	here
2.A.5.b	NA	NA	#WERT!	#WERT!	here
2.A.5.c	NA	NA	#WERT!	#WERT!	here
2.A.6	1,41				here
2.B.1	2,02	2,02	0,00	0,00%	here
2.B.2	0,77	0,77	0,00	0,00%	here
2.B.3	0,080	0,080	0,00	0,00%	here
2.B.5	NA	NA	#WERT!	#WERT!	here
2.B.6	0,03	0,03	0,00	0,00%	here
2.B.7	NA	NA	#WERT!	#WERT!	here
2.B.10.a	NA	NA	#WERT!	#WERT!	here
2.B.10.b	NA	NA	#WERT!	#WERT!	here
2.C.1	18,520	18,522	0,003	0,02%	here
2.C.2	NE	NE	#WERT!	#WERT!	here
2.C.3	0,19	0,19	0,00	0,00%	here
2.C.4	NA	NA	#WERT!	#WERT!	here
2.C.5	NA	NA	#WERT!	#WERT!	here
2.C.6	NA	NA	#WERT!	#WERT!	here

	Submission 2024	Submission 2025	Difference		Reasoning
NFR Sector	[kt]		absolute	relative	see description and reasoning in:
NATIONAL TOTAL	844,88	841,23	-3,65	-0,43%	sub-category chapters
NFR 1 - Energy	695,05	691,57	-3,48	-0,50%	sub-category chapters
2.C.7.a	NA	NA	#WERT!	#WERT!	here
2.C.7.b	NO	NO	#WERT!	#WERT!	here
2.C.7.c	NA	NA	#WERT!	#WERT!	here
2.C.7.d	NA	NA	#WERT!	#WERT!	here
2.D.3.a	NA	NA	#WERT!	#WERT!	here
2.D.3.b	0,57	0,57	0,00	0,00%	here
2.D.3.c	NA	NA	#WERT!	#WERT!	here
2.D.3.d	NA	NA	#WERT!	#WERT!	here
2.D.3.e	NA	NA	#WERT!	#WERT!	here
2.D.3.f	NA	NA	#WERT!	#WERT!	here
2.D.3.g	NA	NA	#WERT!	#WERT!	here
2.D.3.h	NA	NA	#WERT!	#WERT!	here
2.D.3.i	NA	NA	#WERT!	#WERT!	here
2.G	0,18754	0,18757	0,00003	0,01%	here
2.H.1	1,861	1,861	0,00	0,00%	here
2.H.2	NA	NA	#WERT!	#WERT!	here
2.H.3	NA	NA	#WERT!	#WERT!	here
2.I	NA	NA	#WERT!	#WERT!	here
2.J	NO	NO	#WERT!	#WERT!	here
2.K	NA	NA	#WERT!	#WERT!	here
2.L	NA	NA	#WERT!	#WERT!	here
NFR 3 - Agriculture	99,51	99,30	-0,21	-0,21%	sub-category chapters
3.B.1.a	0,545	0,520	-0,02	-4,54%	here
3.B.1.b	0,558	0,556	-0,003	-0,47%	here
3.B.2	0,02	0,02	0,00	0,00%	here
3.B.3	0,22	0,21	-0,01	-6,09%	here
3.B.4.a	IE	IE	#WERT!	#WERT!	here
3.B.4.d	0,00412	0,00412	0,00	0,00%	here
3.B.4.e	0,23	0,27	0,04	15,85%	here
3.B.4.f	IE	IE	#WERT!	#WERT!	here
3.B.4.g i	0,017	0,013	-0,004	-24,25%	here
3.B.4.g ii	0,013	0,010	-0,003	-23,09%	here
3.B.4.g iii	0,007	0,005	-0,002	-25,27%	here
3.B.4.g iv	0,0020	0,0016	-0,0004	-18,73%	here
3.B.4.h	0,0011	0,0011	0,00	0,00%	here
3.D.a.1	40,89	41,31	0,41	1,01%	here
3.D.a.2.a	36,65	36,44	-0,21	-0,58%	here
3.D.a.2.b	0,476	0,410	-0,07	-13,84%	here
3.D.a.2.c	14,61	14,27	-0,34	-2,31%	here
3.D.a.3	5,17	5,19	0,03	0,52%	here
3.D.a.4	NA	NA	#WERT!	#WERT!	here
3.D.b	NA	NA	#WERT!	#WERT!	here
3.D.c	NA	NA	#WERT!	#WERT!	here
3.D.d	NA	NA	#WERT!	#WERT!	here
3.D.e	NA	NA	#WERT!	#WERT!	here
3.D.f	NA	NA	#WERT!	#WERT!	here
3.F	NO	NO	#WERT!	#WERT!	
3.I	0,09	0,07	-0,02	-23,60%	here
NFR 5 - Waste	1,09	1,09	0,00	0,00%	sub-category chapters