

Recalculations - Ammonia

The changes within the **National Total** reported for **1990 (+8.8 kt or +1.2 %)** are dominated by **newly implemented emission estimates for NFR 6.A (+ 6.25 kt)** together with less significant changes throughout NFRs 1 and 3.

The most significant percental changes occur for NFRs **3.D.a.2.c** (plus 559 %) and **6.A** (plus 78 %).

Table 1: Changes in emission estimates for 1990

NFR Sector	Submission 2023	Submission 2024	Difference		Reasoning see description and reasoning in:
	[kt]			relative	
NATIONAL TOTAL	734,36	834,48	100,12	13,63%	sub-category chapters
NFR 1 - Energy	15,8897	15,8897	0,00	0,00%	sub-category chapters
1.A.1.a	1,40	1,40	0,00	0,00%	here
1.A.1.b	0,45	0,45	0,00	0,00%	here
1.A.1.c	0,21	0,21	0,00	0,00%	here
1.A.2.a	0,17	0,17	0,00	0,00%	here
1.A.2.b	0,01	0,01	0,00	0,00%	here
1.A.2.c	IE	IE	#WERT!	#WERT!	here
1.A.2.d	IE	IE	#WERT!	#WERT!	here
1.A.2.e	0,03	0,03	0,00	0,00%	here
1.A.2.f	0,03	0,03	0,00	0,00%	here
1.A.2.g vii	0,0056	0,0055	-0,0001	-2,11%	here
1.A.2.g viii	1,10	1,10	0,00	0,00%	here
1.A.3.a i(i)	0,0492	0,0492	0,00	0,00%	here
1.A.3.a ii(i)	0,0353	0,0353	0,00	0,00%	here
1.A.3.b i	7,73	7,73	0,00	0,00%	here
1.A.3.b ii	0,024	0,024	0,00	0,00%	here
1.A.3.b iii	0,080	0,080	0,00	0,00%	here
1.A.3.b iv	0,028	0,028	0,00	0,00%	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	0,0319	0,0319	0,00	0,00%	here
1.A.3.d i(ii)	IE	IE	#WERT!	#WERT!	
1.A.3.d ii	0,01055	0,01059	0,00	0,36%	here
1.A.3.e i	NA	NA	#WERT!	#WERT!	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	1,11	1,11	0,00	0,00%	here
1.A.4.a ii	0,00164	0,00162	-0,00002	-1,39%	here
1.A.4.b i	2,30	2,30	0,00	0,00%	here
1.A.4.b ii	0,000160	0,000160	0,00	0,00%	here
1.A.4.c i	0,10	0,10	0,00	0,00%	here
1.A.4.c ii	0,0114	0,0115	0,0001	1,16%	here
1.A.4.c iii	0,0001	0,0001	0,00	0,00%	here
1.A.5.a	0,07	0,07	0,00	0,00%	here
1.A.5.b	0,2999	0,2999	0,00	0,00%	here
1.B.1.a	NA	NA	#WERT!	#WERT!	here
1.B.1.b	0,60	0,60	0,00	0,00%	here
1.B.1.c	NA	NA	#WERT!	#WERT!	here
1.B.2.a i	NA	NA	#WERT!	#WERT!	
1.B.2.a iv	NA	NA	#WERT!	#WERT!	
1.B.2.a v	NA	NA	#WERT!	#WERT!	
1.B.2.b	NA	NA	#WERT!	#WERT!	
1.B.2.c	NA	NA	#WERT!	#WERT!	

	Submission 2023	Submission 2024	Difference		Reasoning
NFR Sector	[kt]			relative	see description and reasoning in:
NATIONAL TOTAL	734,36	834,48	100,12	13,63%	sub-category chapters
NFR 1 - Energy	15,8897	15,8897	0,00	0,00%	sub-category chapters
1.B.2.d	NA	NA	#WERT!	#WERT!	
NFR 2 - IPPU	14,68	14,68	0,00	0,00%	sub-category chapters
2.A.1	1,55	1,55	0,00	0,00%	here
2.A.2	IE	IE	#WERT!	#WERT!	here
2.A.3	0,86	0,86	0,00	0,00%	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	IE	IE	#WERT!	#WERT!	here
2.B.1	0,03	0,03	0,00	0,00%	here
2.B.2	NA	NA	#WERT!	#WERT!	here
2.B.3	NA	NA	#WERT!	#WERT!	here
2.B.5	NA	NA	#WERT!	#WERT!	here
2.B.6	NA	NA	#WERT!	#WERT!	here
2.B.7	4,76	4,76	0,00	0,00%	here
2.B.10.a	6,44	6,44	0,00	0,00%	here
2.B.10.b	NA	NA	#WERT!	#WERT!	here
2.C.1	0,15	0,15	0,00	0,00%	here
2.C.2	NA	NA	#WERT!	#WERT!	here
2.C.3	NA	NA	#WERT!	#WERT!	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
2.C.7.a	NA	NA	#WERT!	#WERT!	here
2.C.7.b	NE	NE	#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	NA	NA	#WERT!	#WERT!	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	0,90	0,90	0,00	0,00%	here
2.H.1	NE	NE	#WERT!	#WERT!	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	689,20	789,32	100,12	14,5%	sub-category chapters
3.B.1.a	62,10	60,08	-2,02	-3,25%	here
3.B.1.b	81,36	75,09	-6,27	-7,70%	here
3.B.2	2,71	2,71	0,00	0,00%	here
3.B.3	120,10	120,20	0,11	0,09%	here
3.B.4.a	NO	NO	#WERT!	#WERT!	here
3.B.4.d	0,15	0,15	0,00	0,00%	here
3.B.4.e	6,73	18,52	11,8	175%	here

	Submission 2023	Submission 2024	Difference		Reasoning
NFR Sector	[kt]			relative	see description and reasoning in:
NATIONAL TOTAL	734,36	834,48	100,12	13,63%	sub-category chapters
NFR 1 - Energy	15,8897	15,8897	0,00	0,00%	sub-category chapters
3.B.4.f	IE	IE	#WERT!	#WERT!	here
3.B.4.g i	11,40	11,40	0,00	0,00%	here
3.B.4.g ii	5,07	5,06	-0,01	-0,25%	here
3.B.4.g iii	3,99	4,01	0,02	0,46%	here
3.B.4.g iv	2,472	2,849	0,38	15,26%	here
3.B.4.h	0,62	0,62	0,00	0,00%	here
3.D.a.1	78,71	129,55	50,83	64,6%	here
3.D.a.2.a	286,21	320,57	34,37	12,0%	here
3.D.a.2.b	3,66	3,66	0,00	0,00%	here
3.D.a.2.c	1,55	1,58	0,02	1,57%	here
3.D.a.3	22,37	24,58	2,21	9,86%	here
3.D.a.4	NA	8,70	#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	0,001	0,001	0,00	0,00%	here
NFR 5 - Waste	0,34	0,34	0,00	0,00%	sub-category chapters
5.A	NA	NA	#WERT!	#WERT!	here
5.B.1	0,34	0,34	0,00	0,00%	here
5.B.2	NA	NA	#WERT!	#WERT!	here
5.C.1.a	NO	NO	#WERT!	#WERT!	
5.C.1.b i	NO	NO	#WERT!	#WERT!	
5.C.1.b ii	NO	NO	#WERT!	#WERT!	
5.C.1.b iii	NO	NO	#WERT!	#WERT!	
5.C.1.b iv	NO	NO	#WERT!	#WERT!	
5.C.1.b v	NA	NA	#WERT!	#WERT!	here
5.C.1.b vi	NA	NA	#WERT!	#WERT!	
5.C.2	NE	NE	#WERT!	#WERT!	here
5.D.1	NA	NA	#WERT!	#WERT!	here
5.D.2	NA	NA	#WERT!	#WERT!	here
5.D.3	NO	NO	#WERT!	#WERT!	
5.E	NE	NE	#WERT!	#WERT!	here
NFR 6 - Other	14,25	14,25	0,00	0,00%	

Changes within the **National Total** reported for **2021 (+9.7 kt or +1.88 %)** result mainly from **newly implemented emission estimates in NFR 6.A (+9.86 kt)** together with less significant changes throughout NFRs 1, 2, 3 and 5.

The most significant percental change occurs for **NFR 6.A** with plus 118 %.

Table 2: Changes in emission estimates for 2020

	Submission 2023	Submission 2024	Difference		Reasoning
NFR Sector	[kt]			relative	see description and reasoning in:
NATIONAL TOTAL	515.77	525.48	9.71	1.88%	sub-category chapters
NFR 1 - Energy	12.72	12.50	-0.22	-1.71%	sub-category chapters
1.A.1.a	0.624	0.620	-0.004	-0.70%	here
1.A.1.b	0.528	0.527	-0.001	-0.19%	here
1.A.1.c	0.0244	0.0249	0.0005	1.89%	here
1.A.2.a	0.103	0.099	-0.004	-3.74%	here

	Submission 2023	Submission 2024	Difference		Reasoning
NFR Sector	[kt]		relative	see description and reasoning in:	
NATIONAL TOTAL	515.77	525.48	9.71	1.88%	sub-category chapters
NFR 1 - Energy	12.72	12.50	-0.22	-1.71%	sub-category chapters
1.A.2.b	0.0059	0.0075	0.002	27.5%	here
1.A.2.e	0.0010	0.0012	0.0002	25.3%	here
1.A.2.f	0.020	0.022	0.003	13.5%	here
1.A.2.g vii	0.008	0.006	-0.003	-33.8%	here
1.A.2.g viii	0.391	0.381	-0.010	-2.51%	here
1.A.3.a i(i)	0.060	0.060	0.000	-0.22%	here
1.A.3.a ii(i)	0.0132	0.0125	-0.0007	-5.40%	here
1.A.3.b i	8.253	8.010	-0.24	-2.93%	here
1.A.3.b ii	0.261	0.251	-0.010	-3.85%	here
1.A.3.b iii	0.716	0.718	0.002	0.31%	here
1.A.3.b iv	0.0205	0.0200	-0.0005	-2.24%	here
1.A.3.c	0.008	0.008	0.000	0.05%	here
1.A.3.d ii	0.0053	0.0057	0.0004	7.28%	here
1.A.4.a i	0.457	0.233	-0.22	-49.1%	here
1.A.4.a ii	0.001838	0.001898	0.000060	3.26%	here
1.A.4.b i	1.126	1.388	0.26	23.3%	here
1.A.4.b ii	0.00029	0.00031	0.00001	4.60%	here
1.A.4.c i	0.050	0.059	0.009	17.8%	here
1.A.4.c ii	0.010	0.013	0.003	30.3%	here
1.A.4.c iii	0.00009	0.00009	0.00000	0.00%	here
1.A.5.a	0.0042297	0.0042302	0.0000005	0.01%	here
NFR 2 - IPPU	8.85	8.69	-0.16	-1.80%	sub-category chapters
2.A.3	1.16	1.00	-0.16	-13.8%	here
NFR 3 - Agriculture	482.32	482.30	-0.02	-0.003%	sub-category chapters
3.B.1.a	53.81	53.91	0.10	0.19%	here
3.B.1.b	48.55	48.75	0.20	0.41%	here
3.B.3	72.41	72.37	-0.04	-0.05%	here
3.B.4.g i	6.91	6.87	-0.04	-0.63%	here
3.B.4.g ii	8.13	8.11	-0.03	-0.31%	here
3.B.4.g iii	9.07	9.04	-0.03	-0.35%	here
3.B.4.g iv	1.53	1.52	-0.01	-0.92%	here
3.D.a.1	34.87	35.02	0.15	0.44%	here
3.D.a.2.a	167.43	168.12	0.69	0.41%	here
3.D.a.2.b	1.67	1.61	-0.06	-3.85%	here
3.D.a.2.c	54.31	53.83	-0.48	-0.89%	here
3.D.a.3	12.47	12.75	0.29	2.30%	here
3.l	3.18	2.31	-0.86	-27.2%	here
NFR 5 - Waste	3.54	3.78	0.24	6.92%	sub-category chapters
5.B.1	2.02	2.00	-0.02	-1.05%	here
5.B.2	1.52	1.78	0.27	17.5%	here
NFR 6 - Other	8.35	18.21	9.86	118%	sub-category chapters
6.A	8.35	18.21	9.86	118%	