

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 change occurs for **NFR 3.D.a.2.c with plus 559 %**.

Table 1: Changes in emission estimates for 1990

NFR Sector	Submission 2023	Submission 2024	Difference		Reasoning
	[kt]			relative	
NATIONAL TOTAL	725,52	734,36	8,84	1,22%	see description and reasoning in: sub-category chapters
NFR 1 - Energy	15,8891	15,8897	0,0006	0,004%	sub-category chapters
1.A.2.g vii	0,008	0,006	-0,002	-28,7%	here
1.A.3.a i(i)	0,0493	0,0492	-0,0001	-0,13%	here
1.A.3.a ii(i)	0,0349	0,0353	0,0004	1,16%	here
1.A.3.c	0,0318	0,0319	0,0001	0,25%	here
1.A.3.d ii	0,01056	0,01055	-0,00001	-0,07%	here
1.A.4.a ii	0,0018	0,0016	-0,0002	-8,57%	here
1.A.4.c ii	0,009	0,011	0,003	29,6%	here
NFR 2 - IPPU	14,68	14,68	0,00	0,00%	
NFR 3 - Agriculture	686,62	689,20	2,58	0,38%	sub-category chapters
3.B.4.g i	11,41	11,40	-0,02	-0,14%	here
3.B.4.g iv	2,470	2,472	0,002	0,08%	here
3.D.a.1	78,82	78,71	-0,11	-0,14%	here
3.D.a.2.a	285,58	286,21	0,63	0,22%	here
3.D.a.2.c	0,24	1,55	1,32	559%	here
3.D.a.3	22,24	22,37	0,14	0,61%	here
3.l	0,002	0,001	0,00	-5,19%	here
NFR 5 - Waste	0,34	0,34	0,00	0,00%	
NFR 6 - Other	8,00	14,25	6,25	78,2%	sub-category chapters
6.A	8,00	14,25	6,25	78,2%	

Changes within the **National Total** reported for **2020 (-7.49 kt | -1.4 %)** result mainly from several larger revisions in **NFR 3 (-17.2 kt)** and **newly implemented emission estimates from NFR 6 (+ 8 kt)** together with less significant changes throughout NFRs 1, 2 and 5.

The most significant relative change occurs for **NFR 1.A.4.a i with plus 38 %**.

Table 2: Changes in emission estimates for 2020

NFR Sector	Submission 2023	Submission 2024	Difference		Reasoning
	[kt]			relative	
NATIONAL TOTAL	515,77	525,48	9,71	1,88%	see description and reasoning in: 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
1.A.2.b	0,0059	0,0075	0,002	27,5%	here
1.A.2.c	IE	IE	#WERT!	#WERT!	here
1.A.2.d	IE	IE	#WERT!	#WERT!	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

	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.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.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	0,008	0,008	0,000	0,05%	here
1.A.3.d i(ii)	IE	IE	#WERT!	#WERT!	
1.A.3.d ii	0,0053	0,0057	0,0004	7,28%	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	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
1.A.5.b	0,02792	0,02792	0,00000	0,00%	here
1.B.1.a	NA	NA	#WERT!	#WERT!	here
1.B.1.b	0,002	0,002	0,000	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!	
1.B.2.d	NA	NA	#WERT!	#WERT!	
NFR 2 - IPPU	8,85	8,69	-0,16	-1,80%	sub-category chapters
2.A.1	1,13	1,13	0,00	0,00%	here
2.A.2	IE	IE	#WERT!	#WERT!	here
2.A.3	1,16	1,00	-0,16	-13,80%	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	0,05	0,05	0,00	0,00%	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	1,27	1,27	0,00	0,00%	here
2.B.10.a	4,49	4,49	0,00	0,00%	here
2.B.10.b	NA	NA	#WERT!	#WERT!	here
2.C.1	0,09	0,09	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

	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
2.C.6	NA	NA	#WERT!	#WERT!	here
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	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	0,63	0,63	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	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.2	1,48	1,48	0,00	0,00%	here
3.B.3	72,41	72,37	-0,04	-0,05%	here
3.B.4.a	IE	IE	#WERT!	#WERT!	here
3.B.4.d	0,258	0,258	0,000	0,00%	here
3.B.4.e	6,24	6,24	0,00	0,00%	here
3.B.4.f	IE	IE	#WERT!	#WERT!	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.B.4.h	NE	0,12	#WERT!	#WERT!	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.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	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

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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
NFR 6 - Other	8,35	18,21	9,86	118%	