

Recalculations - Ammonia

The important changes within the **National Total** reported for **1990 (+100 kt or +13.6 %)** are dominated by revisions in NR sub-categories **3.B.4.e** (+11.8 kt), **3.D.a.1** (+50.8 kt) and **3.D.a.2.a** (+34.4 kt) together with less significant changes throughout NFRs 1 and 3.

The most significant percental change occurs for NFR **3.B.4.e with plus 175 %**.

Table 1: Changes in emission estimates for 1990

NFR Sector	Submission 2024	Submission 2025	Difference		Reasoning see description and reasoning in:
	[kt]		absolute	relative	
NATIONAL TOTAL	734.36	834.48	100.12	13.63%	sub-category chapters
NFR 1 - Energy	15.8897	15.8897	0.00003	0.002%	sub-category chapters
1.A.2.g vii	0.0056	0.0055	-0.0001	-2.11%	here
1.A.3.d ii	0.01055	0.01059	0.00004	0.36%	here
1.A.4.a ii	0.00164	0.00162	-0.00002	-1.39%	here
1.A.4.c ii	0.0114	0.0115	0.0001	1.16%	here here
NFR 2 - IPPU	14.68	14.68	0.00	0.00%	
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.3	120.10	120.20	0.11	0.09%	here
3.B.4.e	6.73	18.52	<u>11.8</u>	<u>175%</u>	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.D.a.1	78.71	129.55	<u>50.83</u>	<u>64.6%</u>	here
3.D.a.2.a	286.21	320.57	<u>34.37</u>	12.0%	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
NFR 5 - Waste	0.34	0.34	0.00	0.00%	
NFR 6 - Other	14.25	14.25	0.00	0.00%	

The remarkable changes within the **National Total** reported for **2022 (+64.4 kt or +12.6 %)** result mainly from revisions throughout **NFR 3 (+64.5 kt)** together with less significant changes throughout NFRs 1, 2, and 5.

The most significant percental changes occur for NFR sub-categories **3.B.4.e** with plus 184 % **and** **3.D.a.1** with plus 101 %**.

Table 2: Changes in emission estimates for 2022

NFR Sector	Submission 2024	Submission 2025	Difference		Reasoning see description and reasoning in:
	[kt]		absolute	relative	
NATIONAL TOTAL	512,22	576,62	64,40	12,57%	sub-category chapters
NFR 1 - Energy	12,81	12,82	0,01	0,10%	sub-category chapters
1.A.1.a	0,639	0,634	-0,004	-0,67%	here
1.A.1.b	0,584	0,622	0,04	6,60%	here
1.A.1.c	0,0243	0,0240	-0,0003	-1,06%	here
1.A.2.a	0,092	0,093	0,002	2,09%	here
1.A.2.b	0,0073	0,0072	-0,0001	-1,49%	here
1.A.2.e	0,0013	0,0015	0,0002	11,81%	here
1.A.2.f	0,024	0,021	-0,003	-11,84%	here
1.A.2.g vii	0,0049	0,0046	-0,0003	-6,06%	here
1.A.2.g viii	0,392	0,353	-0,04	-10,06%	here
1.A.3.a i(i)	0,0904	0,0905	0,0001	0,16%	here

	Submission 2024	Submission 2025	Difference		Reasoning
NFR Sector	[kt]		absolute	relative	see description and reasoning in:
NATIONAL TOTAL	512,22	576,62	64,40	12,57%	sub-category chapters
NFR 1 - Energy	12,81	12,82	0,01	0,10%	sub-category chapters
1.A.3.a ii(i)	0,01759	0,01759	0,00001	0,03%	here
1.A.3.b i	8,218	8,239	0,02	0,26%	here
1.A.3.b ii	0,278	0,274	-0,004	-1,32%	here
1.A.3.b iii	0,693	0,699	0,01	0,89%	here
1.A.3.b iv	0,022	0,021	-0,001	-2,63%	here
1.A.3.c	0,007341	0,007341	-0,000001	-0,01%	here
1.A.3.d ii	0,0049	0,0048	0,00	-2,55%	here
1.A.4.a i	0,214	0,209	-0,005	-2,15%	here
1.A.4.a ii	0,0018	0,0016	-0,0001	-8,51%	here
1.A.4.b i	1,391	1,390	-0,001	-0,07%	here
1.A.4.b ii	0,00031	0,00032	0,00001	3,01%	here
1.A.4.c i	0,056	0,057	0,001	1,32%	here
1.A.4.c ii	0,0134	0,0138	0,0004	2,92%	here
1.A.5.b	0,023	0,024	0,001	4,58%	here
1.B.1.b	0,002	0,002	0,00	0,00%	here
NFR 2 - IPPU	7,88	8,06	0,18	2,29%	sub-category chapters
2.A.3	1,01	1,19	0,18	17,83%	here
2.G	0,55344	0,55348	0,00005	0,01%	here
NFR 3 - Agriculture	469,31	533,83	64,52	13,75%	sub-category chapters
3.B.1.a	53,32	48,11	-5,21	-9,77%	here
3.B.1.b	48,60	43,95	-4,64	-9,56%	here
3.B.3	63,46	62,66	-0,80	-1,27%	here
3.B.4.d	0,264	0,260	-0,005	-1,79%	here
3.B.4.e	6,29	17,88	11,59	184%	here
3.B.4.g i	7,09	6,71	-0,38	-5,42%	here
3.B.4.g ii	8,00	7,57	-0,43	-5,39%	here
3.B.4.g iii	9,04	7,52	-1,52	-16,78%	here
3.B.4.g iv	1,52	1,63	0,11	7,06%	here
3.B.4.h	0,1067	0,1070	0,0003	0,25%	here
3.D.a.1	33,44	67,18	33,73	101%	here
3.D.a.2.a	165,79	185,70	19,91	12,01%	here
3.D.a.2.b	1,61	1,61	0,01	0,33%	here
3.D.a.2.c	54,21	58,24	4,03	7,43%	here
3.D.a.3	12,78	14,93	2,15	16,86%	here
3.l	2,31	1,67	-0,64	-27,61%	here
NFR 5 - Waste	3,88	3,73	-0,15	-3,91%	sub-category chapters
5.B.1	2,02	1,81	-0,20	-10,10%	here
5.B.2	1,87	1,92	0,05	2,78%	here
NFR 6 - Other	18,34	18,18	-0,17	-0,90%	sub-category chapters
6.A	18,34	18,18	-0,17	-0,90%	