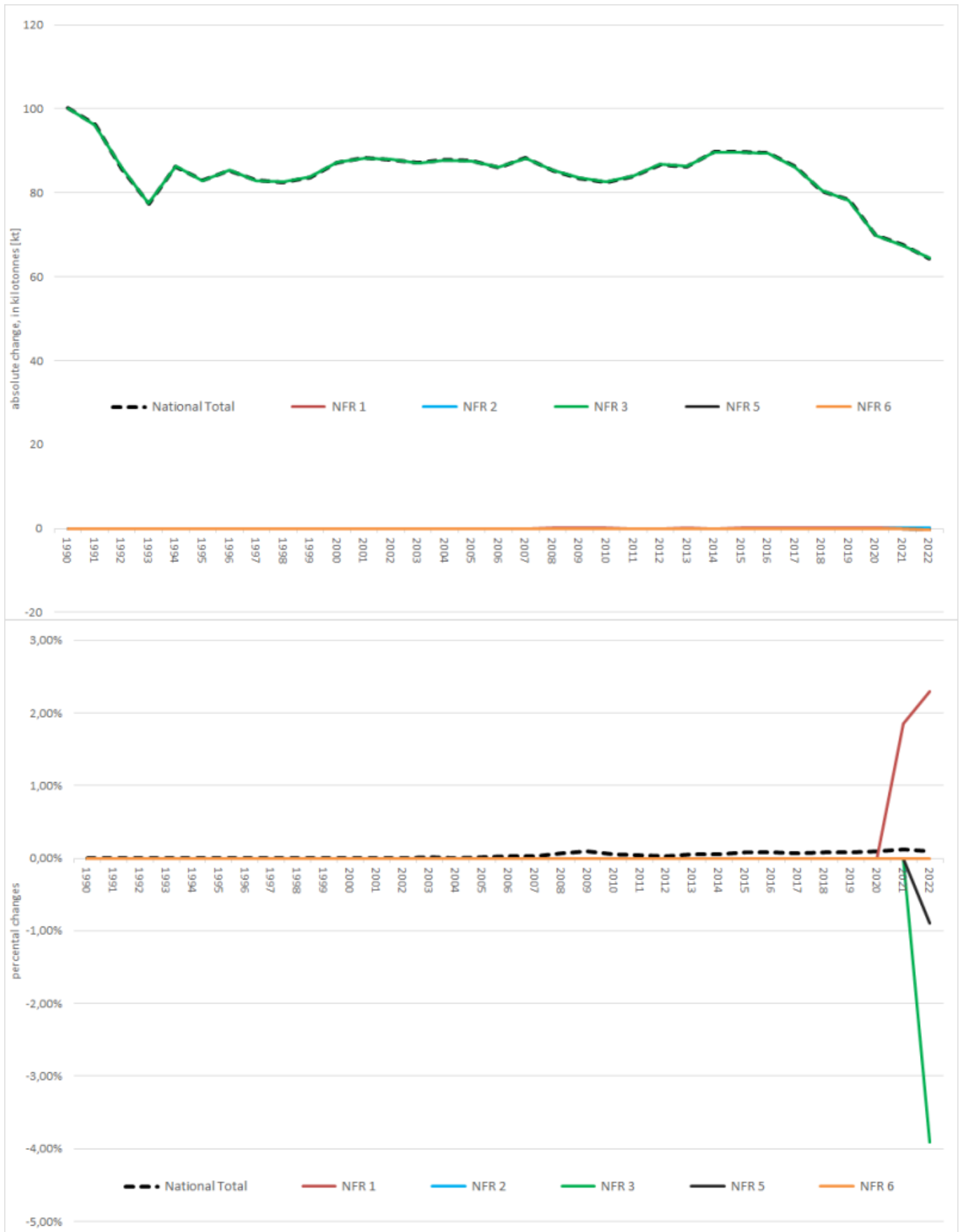


# Recalculations - Ammonia



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]			relative	
<b>NATIONAL TOTAL</b>	<b>734.36</b>	<b>834.48</b>	<b>100.12</b>	<b>13.63%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>15.8897</b>	<b>15.8897</b>	<b>0.00003</b>	<b>0.002%</b>	<b>sub-category chapters</b>
1.A.2.g vii	0.0056	0.0055	-0.0001	-2.11%	<a href="#">here</a>
1.A.3.d ii	0.01055	0.01059	0.00004	0.36%	<a href="#">here</a>
1.A.4.a ii	0.00164	0.00162	-0.00002	-1.39%	<a href="#">here</a>
1.A.4.c ii	0.0114	0.0115	0.0001	1.16%	<a href="#">here here</a>
<b>NFR 2 - IPPU</b>	<b>14.68</b>	<b>14.68</b>	<b>0.00</b>	<b>0.00%</b>	
<b>NFR 3 - Agriculture</b>	<b>689.20</b>	<b>789.32</b>	<b>100.12</b>	<b>14.5%</b>	<b>sub-category chapters</b>
3.B.1.a	62.10	60.08	-2.02	-3.25%	<a href="#">here</a>
3.B.1.b	81.36	75.09	-6.27	-7.70%	<a href="#">here</a>
3.B.3	120.10	120.20	0.11	0.09%	<a href="#">here</a>
3.B.4.e	6.73	18.52	<u>11.8</u>	<u>175%</u>	<a href="#">here</a>
3.B.4.g ii	5.07	5.06	-0.01	-0.25%	<a href="#">here</a>
3.B.4.g iii	3.99	4.01	0.02	0.46%	<a href="#">here</a>
3.B.4.g iv	2.472	2.849	0.38	15.26%	<a href="#">here</a>
3.D.a.1	78.71	129.55	<u>50.83</u>	<u>64.6%</u>	<a href="#">here</a>
3.D.a.2.a	286.21	320.57	<u>34.37</u>	12.0%	<a href="#">here</a>
3.D.a.2.c	1.55	1.58	0.02	1.57%	<a href="#">here</a>
3.D.a.3	22.37	24.58	2.21	9.86%	<a href="#">here</a>
<b>NFR 5 - Waste</b>	<b>0.34</b>	<b>0.34</b>	<b>0.00</b>	<b>0.00%</b>	
<b>NFR 6 - Other</b>	<b>14.25</b>	<b>14.25</b>	<b>0.00</b>	<b>0.00%</b>	

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]			relative	
<b>NATIONAL TOTAL</b>	<b>512.22</b>	<b>576.62</b>	<b>64.40</b>	<b>12.57%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>12.81</b>	<b>12.82</b>	<b>0.01</b>	<b>0.10%</b>	<b>sub-category chapters</b>
1.A.1.a	0.639	0.634	-0.004	-0.67%	<a href="#">here</a>
1.A.1.b	0.584	0.622	0.04	6.60%	<a href="#">here</a>
1.A.1.c	0.0243	0.0240	-0.0003	-1.06%	<a href="#">here</a>
1.A.2.a	0.092	0.093	0.002	2.09%	<a href="#">here</a>
1.A.2.b	0.0073	0.0072	-0.0001	-1.49%	<a href="#">here</a>
1.A.2.e	0.0013	0.0015	0.0002	11.81%	<a href="#">here</a>
1.A.2.f	0.024	0.021	-0.003	-11.84%	<a href="#">here</a>
1.A.2.g vii	0.0049	0.0046	-0.0003	-6.06%	<a href="#">here</a>
1.A.2.g viii	0.392	0.353	-0.04	-10.06%	<a href="#">here</a>
1.A.3.a i(i)	0.0904	0.0905	0.0001	0.16%	<a href="#">here</a>
1.A.3.a ii(i)	0.01759	0.01759	0.00001	0.03%	<a href="#">here</a>
1.A.3.b i	8.218	8.239	0.02	0.26%	<a href="#">here</a>
1.A.3.b ii	0.278	0.274	-0.004	-1.32%	<a href="#">here</a>

	Submission 2024	Submission 2025	Difference		Reasoning
NFR Sector	[kt]		absolute	relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>512.22</b>	<b>576.62</b>	<b>64.40</b>	<b>12.57%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>12.81</b>	<b>12.82</b>	<b>0.01</b>	<b>0.10%</b>	<b>sub-category chapters</b>
1.A.3.b iii	0.693	0.699	0.01	0.89%	<a href="#">here</a>
1.A.3.b iv	0.022	0.021	-0.001	-2.63%	<a href="#">here</a>
1.A.3.c	0.007341	0.007341	-0.000001	-0.01%	<a href="#">here</a>
1.A.3.d ii	0.0049	0.0048	0.00	-2.55%	<a href="#">here</a>
1.A.4.a i	0.214	0.209	-0.005	-2.15%	<a href="#">here</a>
1.A.4.a ii	0.0018	0.0016	-0.0001	-8.51%	<a href="#">here</a>
1.A.4.b i	1.391	1.390	-0.001	-0.07%	<a href="#">here</a>
1.A.4.b ii	0.00031	0.00032	0.00001	3.01%	<a href="#">here</a>
1.A.4.c i	0.056	0.057	0.001	1.32%	<a href="#">here</a>
1.A.4.c ii	0.0134	0.0138	0.0004	2.92%	<a href="#">here</a>
1.A.5.b	0.023	0.024	0.001	4.58%	<a href="#">here</a>
1.B.1.b	0.002	0.002	0.00	0.00%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>7.88</b>	<b>8.06</b>	<b>0.18</b>	<b>2.29%</b>	<b>sub-category chapters</b>
2.A.3	1.01	1.19	0.18	17.83%	<a href="#">here</a>
2.G	0.55344	0.55348	0.00005	0.01%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>469.31</b>	<b>533.83</b>	<b>64.52</b>	<b>13.75%</b>	<b>sub-category chapters</b>
3.B.1.a	53.32	48.11	-5.21	-9.77%	<a href="#">here</a>
3.B.1.b	48.60	43.95	-4.64	-9.56%	<a href="#">here</a>
3.B.3	63.46	62.66	-0.80	-1.27%	<a href="#">here</a>
3.B.4.d	0.264	0.260	-0.005	-1.79%	<a href="#">here</a>
3.B.4.e	6.29	17.88	11.59	184%	<a href="#">here</a>
3.B.4.g i	7.09	6.71	-0.38	-5.42%	<a href="#">here</a>
3.B.4.g ii	8.00	7.57	-0.43	-5.39%	<a href="#">here</a>
3.B.4.g iii	9.04	7.52	-1.52	-16.78%	<a href="#">here</a>
3.B.4.g iv	1.52	1.63	0.11	7.06%	<a href="#">here</a>
3.B.4.h	0.1067	0.1070	0.0003	0.25%	<a href="#">here</a>
3.D.a.1	33.44	67.18	33.73	101%	<a href="#">here</a>
3.D.a.2.a	165.79	185.70	19.91	12.01%	<a href="#">here</a>
3.D.a.2.b	1.61	1.61	0.01	0.33%	<a href="#">here</a>
3.D.a.2.c	54.21	58.24	4.03	7.43%	<a href="#">here</a>
3.D.a.3	12.78	14.93	2.15	16.86%	<a href="#">here</a>
3.I	2.31	1.67	-0.64	-27.61%	<a href="#">here</a>
<b>NFR 5 - Waste</b>	<b>3.88</b>	<b>3.73</b>	<b>-0.15</b>	<b>-3.91%</b>	<b>sub-category chapters</b>
5.B.1	2.02	1.81	-0.20	-10.10%	<a href="#">here</a>
5.B.2	1.87	1.92	0.05	2.78%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>18.34</b>	<b>18.18</b>	<b>-0.17</b>	<b>-0.90%</b>	<b>sub-category chapters</b>
6.A	18.34	18.18	-0.17	-0.90%	