

# Recalculations - Non-Methane Volatile Organic Compounds

The changes within the **National Total** reported for **1990 (+24.35 kt or +0.62 %)** are dominated by NFR sub-categories **3.B.1.a** (+9.17 kt), **3.B.1.b** (+9 kt) and **3.B.4.e** (+5.7 kt) with the strongest percental change occurring for **3.B.4.e with plus 175 %**.

Table 1: Changes in emission estimates for 1990

NFR Sector	Submission 2024	Submission 2025	Difference		Reasoning
	[kt]			relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>3.929,35</b>	<b>3.953,69</b>	<b>24,35</b>	<b>0,62%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>2.220,36</b>	<b>2.220,86</b>	<b>0,50</b>	<b>0,02%</b>	<b>sub-category chapters</b>
1.A.1.a	6,531	6,535	0,003	0,05%	<a href="#">here</a>
1.A.2.g vii	7,28	7,15	-0,13	-1,84%	<a href="#">here</a>
1.A.3.d ii	3,53	3,92	0,39	11,0%	<a href="#">here</a>
1.A.4.a ii	2,10	2,06	-0,04	-1,74%	<a href="#">here</a>
1.A.4.c ii	34,73	34,99	0,25	0,73%	<a href="#">here</a>
1.A.4.c iii	0,016	0,020	0,003	18,4%	<a href="#">here</a>
1.A.5.b	22,97	22,99	0,02	0,10%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>1.291,63</b>	<b>1.291,63</b>	<b>0,00</b>	<b>0,00%</b>	
<b>NFR 3 - Agriculture</b>	<b>399,07</b>	<b>422,91</b>	<b>23,8</b>	<b>5,98%</b>	<b>sub-category chapters</b>
3.B.1.a	196,60	205,77	9,17	4,66%	<a href="#">here</a>
3.B.1.b	153,85	162,85	9,00	5,85%	<a href="#">here</a>
3.B.4.e	3,25	8,92	5,68	175%	<a href="#">here</a>
<b>NFR 5 - Waste</b>	<b>18,28</b>	<b>18,28</b>	<b>0,00</b>	<b>0,00%</b>	
<b>NFR 6 - Other</b>		<b>NA</b>			

The small changes within the **National Total** reported for **2021 (-1.32 kt or -0.13 %)** result from several more or less significant revisions in **NFR1, 2 3 and 4**.

The strongest percental change occurs for **NFR 2.G with plus 2,816 %**, mostly resulting from a re-allocation of emissions from NFR 2.D.3.i.

Table 2: Changes in emission estimates for 2021

NFR Sector	Submission 2024	Submission 2025	Difference		Reasoning
	[kt]			relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>1.034,51</b>	<b>1.051,46</b>	<b>16,94</b>	<b>1,64%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>200,72</b>	<b>201,48</b>	<b>0,75</b>	<b>0,38%</b>	<b>sub-category chapters</b>
1.A.1.a	7,32	7,33	0,01	0,12%	<a href="#">here</a>
1.A.1.b	0,85	0,92	0,06	7,53%	<a href="#">here</a>
1.A.1.c	0,37	0,36	-0,01	-2,20%	<a href="#">here</a>
1.A.2.a	0,223	0,225	0,002	0,99%	<a href="#">here</a>
1.A.2.b	0,070	0,073	0,002	3,31%	<a href="#">here</a>
1.A.2.e	0,023	0,024	0,001	5,31%	<a href="#">here</a>
1.A.2.g vii	3,95	4,05	0,10	2,50%	<a href="#">here</a>
1.A.2.g viii	6,52	5,62	-0,90	-13,81%	<a href="#">here</a>
1.A.3.a i(i)	0,4308	0,4315	0,0007	0,15%	<a href="#">here</a>
1.A.3.b i	40,08	40,10	0,02	0,05%	<a href="#">here</a>
1.A.3.b ii	1,46	1,43	-0,03	-2,07%	<a href="#">here</a>
1.A.3.b iii	2,05	2,08	0,03	1,45%	<a href="#">here</a>
1.A.3.b iv	14,00	13,59	-0,41	-2,89%	<a href="#">here</a>
1.A.3.b v	24,21	24,26	0,05	0,19%	<a href="#">here</a>
1.A.3.c	0,394	0,397	0,003	0,72%	<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>1.034,51</b>	<b>1.051,46</b>	<b>16,94</b>	<b>1,64%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>200,72</b>	<b>201,48</b>	<b>0,75</b>	<b>0,38%</b>	<b>sub-category chapters</b>
1.A.3.d ii	1,17	1,47	0,30	25,36%	<a href="#">here</a>
1.A.4.a i	3,66	3,57	-0,10	-2,63%	<a href="#">here</a>
1.A.4.a ii	0,679	0,650	-0,03	-4,23%	<a href="#">here</a>
1.A.4.b i	38,37	40,79	2,42	6,31%	<a href="#">here</a>
1.A.4.b ii	7,602	7,791	0,19	2,48%	<a href="#">here</a>
1.A.4.c i	0,850	0,858	0,01	0,86%	<a href="#">here</a>
1.A.4.c ii	15,32	14,27	-1,05	-6,84%	<a href="#">here</a>
1.A.4.c iii	0,010	0,013	0,003	25,24%	<a href="#">here</a>
1.A.5.b	1,43	1,51	0,08	5,77%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>544,95</b>	<b>546,04</b>	<b>1,09</b>	<b>0,20%</b>	<b>sub-category chapters</b>
2.A.2	0,237	0,242	0,005	2,13%	<a href="#">here</a>
2.A.3	0,53	0,63	0,10	19,27%	<a href="#">here</a>
2.D.3.a	80,79	80,60	-0,19	-0,23%	<a href="#">here</a>
2.D.3.d	197,54	198,29	0,75	0,38%	<a href="#">here</a>
2.D.3.e	40,36	40,34	-0,02	-0,04%	<a href="#">here</a>
2.D.3.g	47,59	47,67	0,08	0,18%	<a href="#">here</a>
2.D.3.h	38,37	38,38	0,01	0,03%	<a href="#">here</a>
2.D.3.i	65,42	65,38	-0,04	-0,07%	<a href="#">here</a>
2.H.2	15,88	16,27	0,39	2,44%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>287,10</b>	<b>302,17</b>	<b>15,07</b>	<b>5,25%</b>	<b>sub-category chapters</b>
3.B.1.a	153,87	161,27	7,40	4,81%	<a href="#">here</a>
3.B.1.b	81,92	85,52	3,59	4,39%	<a href="#">here</a>
3.B.4.d	0,088	0,087	0,00	-1,79%	<a href="#">here</a>
3.B.4.e	3,06	8,71	5,65	184%	<a href="#">here</a>
3.B.4.g i	9,42	9,14	-0,28	-3,03%	<a href="#">here</a>
3.B.4.g ii	9,99	9,67	-0,31	-3,15%	<a href="#">here</a>
3.B.4.g iii	5,66	4,82	-0,84	-14,86%	<a href="#">here</a>
3.B.4.g iv	2,51	2,39	-0,13	-5,10%	<a href="#">here</a>
3.B.4.h	0,04109	0,04106	-0,00003	-0,07%	<a href="#">here</a>
<b>NFR 5 - Waste</b>	<b>1,75</b>	<b>1,77</b>	<b>0,03</b>	<b>1,54%</b>	<b>sub-category chapters</b>
5.A	1,117	1,144	0,03	2,40%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>NA</b>				