

# Recalculations - Non-Methane Volatile Organic Compounds

The changes within the **National Total reported for 1990 (-19.5 kt or -0.49 %)** are dominated by NFR sub-categorie **5.C.2 (-19,6 kt or -96,9 %)** with the strongest percental change occurring for **2.G with plus 2,409 %** resulting from a re-allocation from NFR 2.D.3.i.

Table 1: Changes in emission estimates for 1990

NFR Sector	Submission 2023	Submission 2024	Difference		Reasoning
	[kt]			relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>3.948,88</b>	<b>3.929,35</b>	<b>-19,53</b>	<b>-0,49%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>2.220,72</b>	<b>2.220,36</b>	<b>-0,36</b>	<b>-0,02%</b>	<b>sub-category chapters</b>
1.A.2.g vii	9,97	7,28	-2,68	-26,1%	<a href="#">here</a>
1.A.3.a i(i)	0,75	0,77	0,02	2,66%	<a href="#">here</a>
1.A.3.a ii(i)	0,40	0,50	0,10	23,6%	<a href="#">here</a>
1.A.3.c	4,22	4,24	0,02	0,38%	<a href="#">here</a>
1.A.3.d ii	3,27	3,53	0,27	8,20%	<a href="#">here</a>
1.A.4.a ii	2,34	2,10	-0,25	-10,5%	<a href="#">here</a>
1.A.4.c ii	32,22	34,73	2,51	7,80%	<a href="#">here</a>
1.A.5.b	21,30	22,97	1,67	7,86%	<a href="#">here</a>
1.B.1.b	7,86	5,75	-2,11	-26,9%	<a href="#">here</a>
1.B.2.a iv	73,15	72,03	-1,12	-1,53%	
1.B.2.a v	87,79	88,91	1,12	1,28%	
1.B.2.b	8,94	9,03	0,10	1,07%	
<b>NFR 2 - IPPU</b>	<b>1.291,63</b>	<b>1.291,63</b>	<b>0,00</b>	<b>0,00%</b>	<b>sub-category chapters</b>
2.D.3.i	242,18	203,08	-39,10	-16,1%	<a href="#">here</a>
2.G	1,62	40,72	39,10	2,409%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>398,60</b>	<b>399,07</b>	<b>0,47</b>	<b>0,12%</b>	<b>sub-category chapters</b>
3.D.e	7,692	7,692	0,00	0,00%	<a href="#">here</a>
3.B.4.h	NE	0,47	0,47		<a href="#">here</a>
<b>NFR 5 - Waste</b>	<b>37,92</b>	<b>18,28</b>	<b>-19,64</b>	<b>-51,8%</b>	<b>sub-category chapters</b>
5.C.2	20,28	0,63	-19,64	-96,9%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>		

Changes within the **National Total reported for 2020 (-49kt | -4.37%)** result from several more or less significant revisions in **NFR1, 2 3 and 4**.

The strongest percental change occurs for **NFR 1.A.4.c iii with minus 43 %**.

Table 2: Changes in emission estimates for 2020

NFR Sector	Submission 2022	Submission 2023	Difference		Reasoning
	[kt]			relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>1.035.77</b>	<b>1.028.45</b>	<b>-7.33</b>	<b>-0.71%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>193.94</b>	<b>191.64</b>	<b>-2.30</b>	<b>-1.19%</b>	<b>sub-category chapters</b>
1.A.1.a	6.56	6.52	-0.04	-0.57%	<a href="#">here</a>
1.A.1.b	0.80	0.82	0.02	2.09%	<a href="#">here</a>
1.A.1.c	0.38	0.41	0.03	8.67%	<a href="#">here</a>
1.A.2.a	0.229	0.225	-0.004	-1.55%	<a href="#">here</a>
1.A.2.b	0.07460	0.07464	0.00004	0.05%	<a href="#">here</a>
1.A.2.e	0.023	0.021	-0.002	-7.37%	<a href="#">here</a>
1.A.2.g vii	3.42	4.03	0.62	18.00%	<a href="#">here</a>
1.A.2.g viii	5.40	5.80	0.40	7.43%	<a href="#">here</a>
1.A.3.a i(i)	0.28	0.26	-0.02	-6.62%	<a href="#">here</a>
1.A.3.a ii(i)	0.24	0.23	-0.02	-6.27%	<a href="#">here</a>

	Submission 2022	Submission 2023	Difference		Reasoning
NFR Sector	[kt]		absolute	relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>1.035.77</b>	<b>1.028.45</b>	<b>-7.33</b>	<b>-0.71%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>193.94</b>	<b>191.64</b>	<b>-2.30</b>	<b>-1.19%</b>	<b>sub-category chapters</b>
1.A.3.b i	40.79	40.03	-0.76	-1.87%	<a href="#">here</a>
1.A.3.b ii	1.39	1.38	-0.01	-0.66%	<a href="#">here</a>
1.A.3.b iii	2.39	2.31	-0.08	-3.38%	<a href="#">here</a>
1.A.3.b iv	14.83	15.18	0.35	2.37%	<a href="#">here</a>
1.A.3.b v	22.79	22.71	-0.08	-0.37%	<a href="#">here</a>
1.A.3.c	0.40	0.45	0.05	12.55%	<a href="#">here</a>
1.A.3.d ii	0.956	0.973	0.017	1.73%	<a href="#">here</a>
1.A.4.a i	3.68	3.86	0.18	4.81%	<a href="#">here</a>
1.A.4.a ii	0.839	0.841	0.002	0.25%	<a href="#">here</a>
1.A.4.b i	33.34	32.86	-0.48	-1.43%	<a href="#">here</a>
1.A.4.b ii	9.612	7.700	-1.91	-19.89%	<a href="#">here</a>
1.A.4.c i	0.816	0.814	-0.002	-0.23%	<a href="#">here</a>
1.A.4.c ii	10.44	12.14	1.70	16.32%	<a href="#">here</a>
1.A.5.a	0.071	0.075	0.004	4.99%	<a href="#">here</a>
1.A.5.b	1.021	1.020	-0.002	-0.17%	<a href="#">here</a>
1.B.1.b	2.78	2.79	0.01	0.24%	<a href="#">here</a>
1.B.2.b	4.78	2.51	-2.27	-47.55%	
<b>NFR 2 - IPPU</b>	<b>532.81</b>	<b>532.82</b>	<b>0.02</b>	<b>0,003%</b>	<b>sub-category chapters</b>
2.A.3	0.58	0.60	0.02	2.94%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>298,95</b>	<b>296,07</b>	<b>-2,87</b>	<b>-0,96%</b>	<b>sub-category chapters</b>
3.B.1.a	159,99	158,92	-1,08	-0,67%	<a href="#">here</a>
3.B.1.b	85.42	83.62	-1.80	-2.10%	<a href="#">here</a>
<b>NFR 5 - Waste</b>	<b>10.08</b>	<b>7.91</b>	<b>-2.17</b>	<b>-21.57%</b>	<b>sub-category chapters</b>
5.A	3,567	1,399	-2,168	-60,79%	<a href="#">here</a>
5.D.1	0,14	0,13	-0,01	-4,16%	<a href="#">here</a>
5.D.2	0,0130	0,0127	-0,0003	-2,52%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>		