

# 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 2023	Submission 2024	Difference		Reasoning
	[kt]			relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>1.044,19</b>	<b>1.042,87</b>	<b>-1,32</b>	<b>-0,13%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>196,27</b>	<b>197,15</b>	<b>0,88</b>	<b>0,45%</b>	<b>sub-category chapters</b>
1.A.1.a	7,05	7,06	0,02	0,22%	<a href="#">here</a>
1.A.1.b	0,77	0,77	0,00	0,61%	<a href="#">here</a>
1.A.1.c	0,37	0,40	0,02	6,10%	<a href="#">here</a>
1.A.2.a	0,250	0,239	-0,010	-4,18%	<a href="#">here</a>
1.A.2.b	0,072	0,078	0,006	8,53%	<a href="#">here</a>
1.A.2.e	0,020	0,022	0,002	10,8%	<a href="#">here</a>
1.A.2.g vii	3,91	4,16	0,26	6,61%	<a href="#">here</a>
1.A.2.g viii	6,16	5,91	-0,25	-4,08%	<a href="#">here</a>
1.A.3.a i(i)	0,28	0,29	0,01	3,42%	<a href="#">here</a>
1.A.3.a ii(i)	0,24	0,31	0,07	30,1%	<a href="#">here</a>

	Submission 2023	Submission 2024	Difference		Reasoning
NFR Sector	[kt]			relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>1.044,19</b>	<b>1.042,87</b>	<b>-1,32</b>	<b>-0,13%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>196,27</b>	<b>197,15</b>	<b>0,88</b>	<b>0,45%</b>	<b>sub-category chapters</b>
1.A.3.b i	39,63	38,74	-0,90	-2,26%	<a href="#">here</a>
1.A.3.b ii	1,46	1,41	-0,05	-3,55%	<a href="#">here</a>
1.A.3.b iii	2,18	2,19	0,01	0,39%	<a href="#">here</a>
1.A.3.b iv	13,38	13,08	-0,30	-2,23%	<a href="#">here</a>
1.A.3.b v	23,62	23,09	-0,52	-2,21%	<a href="#">here</a>
1.A.3.c	0,440	0,444	0,004	0,84%	<a href="#">here</a>
1.A.3.d ii	0,98	1,32	0,34	34,4%	<a href="#">here</a>
1.A.4.a i	4,14	4,01	-0,13	-3,22%	<a href="#">here</a>
1.A.4.a ii	0,782	0,772	-0,010	-1,22%	<a href="#">here</a>
1.A.4.b i	38,06	38,23	0,17	0,44%	<a href="#">here</a>
1.A.4.b ii	7,390	7,730	0,34	4,60%	<a href="#">here</a>
1.A.4.c i	0,869	0,880	0,011	1,26%	<a href="#">here</a>
1.A.4.c ii	12,18	15,79	3,61	29,6%	<a href="#">here</a>
1.A.5.a	0,0999	0,0997	-0,0001	-0,13%	<a href="#">here</a>
1.A.5.b	1,27	1,48	0,21	16,8%	<a href="#">here</a>
1.B.1.b	3,03	0,79	-2,23	-73,8%	<a href="#">here</a>
1.B.2.a iv	3,83	3,01	-0,82	-21,4%	
1.B.2.a v	15,56	16,37	0,81	5,20%	
1.B.2.b	2,27	2,49	0,22	9,55%	
<b>NFR 2 - IPPU</b>	<b>549,66</b>	<b>553,16</b>	<b>3,50</b>	<b>0,64%</b>	<b>sub-category chapters</b>
2.A.3	0,61	0,52	-0,09	-14,8%	<a href="#">here</a>
2.D.3.a	77,72	77,77	0,05	0,07%	<a href="#">here</a>
2.D.3.d	194,36	195,18	0,82	0,42%	<a href="#">here</a>
2.D.3.e	38,98	38,96	-0,03	-0,07%	<a href="#">here</a>
2.D.3.g	50,42	50,38	-0,04	-0,07%	<a href="#">here</a>
2.D.3.h	42,57	41,93	-0,64	-1,50%	<a href="#">here</a>
2.D.3.i	98,85	71,91	-26,94	-27,3%	<a href="#">here</a>
2.G	1,14	33,16	32,02	2816%	<a href="#">here</a>
2.H.1	3,62	1,96	-1,66	-45,9%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>290,58</b>	<b>291,00</b>	<b>0,42</b>	<b>0,14%</b>	<b>sub-category chapters</b>
3.B.1.a	155,75	155,86	0,11	0,07%	<a href="#">here</a>
3.B.1.b	82,03	82,29	0,26	0,31%	<a href="#">here</a>
3.B.4.h	NE	0,04	0,04		<a href="#">here</a>
3.D.e	9,43	9,44	0,00	0,05%	<a href="#">here</a>
<b>NFR 5 - Waste</b>	<b>7,68</b>	<b>1,56</b>	<b>-6,11</b>	<b>-79,7%</b>	<b>sub-category chapters</b>
5.A	1,211	1,211	0,000	0,04%	<a href="#">here</a>
5.C.2	6,31	0,20	-6,11	-96,9%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>		