

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

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:
NATIONAL TOTAL	1.034,51	1.051,46	16,94	1,64%	sub-category chapters
NFR 1 - Energy	200,72	201,48	0,75	0,38%	sub-category chapters
1.A.1.a	7,32	7,33	0,01	0,12%	here
1.A.1.b	0,85	0,92	0,06	7,53%	here
1.A.1.c	0,37	0,36	-0,01	-2,20%	here
1.A.2.a	0,223	0,225	0,002	0,99%	here
1.A.2.b	0,070	0,073	0,002	3,31%	here
1.A.2.e	0,023	0,024	0,001	5,31%	here
1.A.2.g vii	3,95	4,05	0,10	2,50%	here
1.A.2.g viii	6,52	5,62	-0,90	-13,81%	here
1.A.3.a i(i)	0,4308	0,4315	0,0007	0,15%	here
1.A.3.a ii(i)	0,35	0,35	0,00	0,00%	here
1.A.3.b i	40,08	40,10	0,02	0,05%	here
1.A.3.b ii	1,46	1,43	-0,03	-2,07%	here
1.A.3.b iii	2,05	2,08	0,03	1,45%	here
1.A.3.b iv	14,00	13,59	-0,41	-2,89%	here
1.A.3.b v	24,21	24,26	0,05	0,19%	here

	Submission 2024	Submission 2025	Difference		Reasoning
NFR Sector	[kt]		relative		see description and reasoning in:
NATIONAL TOTAL	1.034,51	1.051,46	16,94	1,64%	sub-category chapters
NFR 1 - Energy	200,72	201,48	0,75	0,38%	sub-category chapters
1.A.3.b vi	NA	NA	#WERT!	#WERT!	here
1.A.3.b vii	NA	NA	#WERT!	#WERT!	here
1.A.3.c	0,394	0,397	0,003	0,72%	here
1.A.3.d i(ii)	IE	IE	#WERT!	#WERT!	
1.A.3.d ii	1,17	1,47	0,30	25,36%	here
1.A.3.e i	0,01	0,01	0,00	0,00%	1.A.3.e i - Pipeline Transport]
1.A.3.e ii	NA	NA	#WERT!	#WERT!	1.A.3.e ii - Other Transport: Other]
1.A.4.a i	3,66	3,57	-0,10	-2,63%	here
1.A.4.a ii	0,679	0,650	-0,03	-4,23%	here
1.A.4.b i	38,37	40,79	2,42	6,31%	here
1.A.4.b ii	7,602	7,791	0,19	2,48%	here
1.A.4.c i	0,850	0,858	0,01	0,86%	here
1.A.4.c ii	15,32	14,27	-1,05	-6,84%	here
1.A.4.c iii	0,010	0,013	0,003	25,24%	here
1.A.5.a	0,0948	0,0948	0,00	0,00%	here
1.A.5.b	1,43	1,51	0,08	5,77%	here
1.B.1.a	0,005	0,005	0,00	0,00%	here
1.B.1.b	0,79	0,79	0,00	0,00%	here
1.B.1.c	NA	NA	#WERT!	#WERT!	here
1.B.2.a i	6,011	6,011	0,00	0,00%	
1.B.2.a iv	3,05	3,05	0,00	0,00%	
1.B.2.a v	16,764	16,762	-0,001	-0,01%	
1.B.2.b	2,244	2,242	-0,002	-0,10%	
1.B.2.c	0,3673	0,3673	0,00	0,00%	
1.B.2.d	NA	NA	#WERT!	#WERT!	
NFR 2 - IPPU	544,95	546,04	1,09	0,20%	sub-category chapters
2.A.1	1,09	1,09	0,00	0,00%	here
2.A.2	0,237	0,242	0,005	2,13%	here
2.A.3	0,53	0,63	0,10	19,27%	here
2.A.5.a	NA	NA	#WERT!	#WERT!	here
2.A.5.b	NA	NA	#WERT!	#WERT!	here
2.A.5.c	NA	NA	#WERT!	#WERT!	here
2.A.6	0,097	0,097	0,00	0,00%	here
2.B.1	NA	NA	#WERT!	#WERT!	here
2.B.2	NA	NA	#WERT!	#WERT!	here
2.B.3	NA	NA	#WERT!	#WERT!	here
2.B.5	NA	NA	#WERT!	#WERT!	here
2.B.6	NA	NA	#WERT!	#WERT!	here
2.B.7	NA	NA	#WERT!	#WERT!	here
2.B.10.a	4,23	4,23	0,00	0,00%	here
2.B.10.b	8,20	8,20	0,00	0,00%	here
2.C.1	4,38	4,38	0,00	0,00%	here
2.C.2	NE	NE	#WERT!	#WERT!	here
2.C.3	NE	NE	#WERT!	#WERT!	here
2.C.4	NE	NE	#WERT!	#WERT!	here
2.C.5	NA	NA	#WERT!	#WERT!	here
2.C.6	NA	NA	#WERT!	#WERT!	here
2.C.7.a	NA	NA	#WERT!	#WERT!	here
2.C.7.b	NO	NO	#WERT!	#WERT!	here
2.C.7.c	NA	NA	#WERT!	#WERT!	here
2.C.7.d	NA	NA	#WERT!	#WERT!	here
2.D.3.a	80,79	80,60	-0,19	-0,23%	here

	Submission 2024	Submission 2025	Difference		Reasoning
NFR Sector	[kt]			relative	see description and reasoning in:
NATIONAL TOTAL	1.034,51	1.051,46	16,94	1,64%	sub-category chapters
NFR 1 - Energy	200,72	201,48	0,75	0,38%	sub-category chapters
2.D.3.b	1,17	1,17	0,00	0,00%	here
2.D.3.c	0,05	0,05	0,00	0,00%	here
2.D.3.d	197,54	198,29	0,75	0,38%	here
2.D.3.e	40,36	40,34	-0,02	-0,04%	here
2.D.3.f	1,25	1,25	0,00	0,00%	here
2.D.3.g	47,59	47,67	0,08	0,18%	here
2.D.3.h	38,37	38,38	0,01	0,03%	here
2.D.3.i	65,42	65,38	-0,04	-0,07%	here
2.G	31,98	31,98	0,00	0,00%	here
2.H.1	1,87	1,87	0,00	0,00%	here
2.H.2	15,88	16,27	0,39	2,44%	here
2.H.3	NA	NA	#WERT!	#WERT!	here
2.I	3,93	3,93	0,00	0,00%	here
2.J	NO	NO	#WERT!	#WERT!	here
2.K	NA	NA	#WERT!	#WERT!	here
2.L	NA	NA	#WERT!	#WERT!	here
NFR 3 - Agriculture	287,10	302,17	15,07	5,25%	sub-category chapters
3.B.1.a	153,87	161,27	7,40	4,81%	here
3.B.1.b	81,92	85,52	3,59	4,39%	here
3.B.2	0,24	0,24	0,00	0,00%	here
3.B.3	11,38	11,38	0,00	0,00%	here
3.B.4.a	IE	IE	#WERT!	#WERT!	here
3.B.4.d	0,088	0,087	0,00	-1,79%	here
3.B.4.e	3,06	8,71	5,65	184%	here
3.B.4.f	IE	IE	#WERT!	#WERT!	here
3.B.4.g i	9,42	9,14	-0,28	-3,03%	here
3.B.4.g ii	9,99	9,67	-0,31	-3,15%	here
3.B.4.g iii	5,66	4,82	-0,84	-14,86%	here
3.B.4.g iv	2,51	2,39	-0,13	-5,10%	here
3.B.4.h	0,04109	0,04106	-0,00003	-0,07%	here
3.D.a.1	NA	NA	#WERT!	#WERT!	here
3.D.a.2.a	IE	IE	#WERT!	#WERT!	here
3.D.a.2.b	NA	NA	#WERT!	#WERT!	here
3.D.a.2.c	NA	NA	#WERT!	#WERT!	here
3.D.a.3	IE	IE	#WERT!	#WERT!	here
3.D.a.4	NA	NA	#WERT!	#WERT!	here
3.D.b	NA	NA	#WERT!	#WERT!	here
3.D.c	NA	NA	#WERT!	#WERT!	here
3.D.d	NA	NA	#WERT!	#WERT!	here
3.D.e	8,91	8,91	0,00	0,00%	here
3.D.f	NA	NA	#WERT!	#WERT!	here
3.F	NO	NO	#WERT!	#WERT!	
3.I	NA	NA	#WERT!	#WERT!	here
NFR 5 - Waste	1,75	1,77	0,03	1,54%	sub-category chapters
5.A	1,117	1,144	0,03	2,40%	here
5.B.1	NA	NA	#WERT!	#WERT!	here
5.B.2	NA	NA	#WERT!	#WERT!	here
5.C.1.a	NO	NO	#WERT!	#WERT!	
5.C.1.b i	NO	NO	#WERT!	#WERT!	
5.C.1.b ii	NO	NO	#WERT!	#WERT!	
5.C.1.b iii	NO	NO	#WERT!	#WERT!	
5.C.1.b iv	NO	NO	#WERT!	#WERT!	

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NATIONAL TOTAL	1.034,51	1.051,46	16,94	1,64%	sub-category chapters
NFR 1 - Energy	200,72	201,48	0,75	0,38%	sub-category chapters
5.C.1.b v	0,01	0,01	0,00	0,00%	here
5.C.1.b vi	NA	NA	#WERT!	#WERT!	
5.C.2	0,48	0,48	0,00	0,00%	here
5.D.1	0,13	0,13	0,00	0,00%	here
5.D.2	0,0125	0,0125	0,00	0,00%	here
5.D.3	NO	NO	#WERT!	#WERT!	
5.E	NE	NE	#WERT!	#WERT!	here
NFR 6 - Other	0,00	0,00	0,00	#DIV/0!	