

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** ^ ^ Submission 2024 ^ Submission 2025 ^ Difference | ^ Reasoning ^ ^ NFR Sector ^ [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 2023	Submission 2024	Difference		Reasoning
	[kt]		absolute	relative	see description and reasoning in:
NATIONAL TOTAL	1,044.19	1,042.87	-1.32	-0.13%	sub-category chapters
NFR 1 - Energy	196.27	197.15	0.88	0.45%	sub-category chapters
1.A.1.a	7.05	7.06	0.02	0.22%	here
1.A.1.b	0.77	0.77	0.00	0.61%	here
1.A.1.c	0.37	0.40	0.02	6.10%	here
1.A.2.a	0.250	0.239	-0.010	-4.18%	here
1.A.2.b	0.072	0.078	0.006	8.53%	here
1.A.2.e	0.020	0.022	0.002	10.8%	here
1.A.2.g vii	3.91	4.16	0.26	6.61%	here
1.A.2.g viii	6.16	5.91	-0.25	-4.08%	here
1.A.3.a i(i)	0.28	0.29	0.01	3.42%	here
1.A.3.a ii(i)	0.24	0.31	0.07	30.1%	here
1.A.3.b i	39.63	38.74	-0.90	-2.26%	here
1.A.3.b ii	1.46	1.41	-0.05	-3.55%	here
1.A.3.b iii	2.18	2.19	0.01	0.39%	here
1.A.3.b iv	13.38	13.08	-0.30	-2.23%	here
1.A.3.b v	23.62	23.09	-0.52	-2.21%	here
1.A.3.c	0.440	0.444	0.004	0.84%	here
1.A.3.d ii	0.98	1.32	0.34	34.4%	here
1.A.4.a i	4.14	4.01	-0.13	-3.22%	here
1.A.4.a ii	0.782	0.772	-0.010	-1.22%	here
1.A.4.b i	38.06	38.23	0.17	0.44%	here
1.A.4.b ii	7.390	7.730	0.34	4.60%	here
1.A.4.c i	0.869	0.880	0.011	1.26%	here
1.A.4.c ii	12.18	15.79	3.61	29.6%	here
1.A.5.a	0.0999	0.0997	-0.0001	-0.13%	here
1.A.5.b	1.27	1.48	0.21	16.8%	here
1.B.1.b	3.03	0.79	-2.23	-73.8%	here
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%	
NFR 2 - IPPU	549.66	553.16	3.50	0.64%	sub-category chapters
2.A.3	0.61	0.52	-0.09	-14.8%	here

	Submission 2023	Submission 2024	Difference		Reasoning
NFR Sector	[kt]			relative	see description and reasoning in:
NATIONAL TOTAL	1,044.19	1,042.87	-1.32	-0.13%	sub-category chapters
NFR 1 - Energy	196.27	197.15	0.88	0.45%	sub-category chapters
2.D.3.a	77.72	77.77	0.05	0.07%	here
2.D.3.d	194.36	195.18	0.82	0.42%	here
2.D.3.e	38.98	38.96	-0.03	-0.07%	here
2.D.3.g	50.42	50.38	-0.04	-0.07%	here
2.D.3.h	42.57	41.93	-0.64	-1.50%	here
2.D.3.i	98.85	71.91	-26.94	-27.3%	here
2.G	1.14	33.16	32.02	2,816%	here
2.H.1	3.62	1.96	-1.66	-45.9%	here
NFR 3 - Agriculture	290.58	291.00	0.42	0.14%	sub-category chapters
3.B.1.a	155.75	155.86	0.11	0.07%	here
3.B.1.b	82.03	82.29	0.26	0.31%	here
3.B.4.h	NE	0.04	0.04		here
3.D.e	9.43	9.44	0.00	0.05%	here
NFR 5 - Waste	7.68	1.56	-6.11	-79.7%	sub-category chapters
5.A	1.211	1.211	0.000	0.04%	here
5.C.2	6.31	0.20	-6.11	-96.9%	here
NFR 6 - Other	NA				