

Recalculations - Particulate Matter <2.5µm

Revision of PM_{2.5} emissions over time:



Changes within the **National Total reported for 1990 (-34 kt | -1.19 %)** are dominated by changes in **NFRs 1.A.3.b i, 1.A.3.b ii and 1.A.3.b iii** together with less significant revisions throughout NFRs 1, 2 and 3.

The most significant relative change occurs for **NFR 2.G with minus 58 %**.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2020	Submission 2021	Difference		Reasoning
	[kt]		absolute	relative	
NATIONAL TOTAL	212,77	205,65	-7,13	-3,35%	see description and reasoning in: sub-category chapters
NFR 1 - Energy	151,40	150,58	-0,82	-0,54%	sub-category chapters
1.A.2.a	0,0777	0,0777	-0,0001	-0,10%	here
1.A.2.g vii	5,41	5,51	0,11	1,97%	here
1.A.2.g viii	3,74	3,74	0,00	0,00%	here
1.A.3.a i(i)	0,040	0,056	0,02	40,61%	here
1.A.3.a ii(i)	0,030	0,041	0,01	33,95%	here
1.A.3.b i	18,36	18,68	0,33	1,77%	here
1.A.3.b ii	7,82	6,15	-1,68	-21,42%	here
1.A.3.b iii	27,34	28,33	1,00	3,65%	here
1.A.3.b iv	1,01	1,05	0,04	3,88%	here
1.A.3.b vi	6,02	6,00	-0,02	-0,32%	here
1.A.4.a ii	1,04	1,05	0,02	1,46%	here
1.A.4.b ii	0,12	0,15	0,03	26,60%	here
1.A.4.c ii	10,00	9,34	-0,67	-6,65%	here
NFR 2 - IPPU	49,17	42,91	-6,26	-12,73%	sub-category chapters
2.C.7.a	0,06	0,07	0,01	17,58%	here
2.G	11,83	5,56	-6,27	-52,98%	here
NFR 3 - Agriculture	5,14	5,09	-0,05	-0,97%	sub-category chapters
3.B.1.a	2,24	2,19	-0,05	-2,24%	here
NFR 5 - Waste	7,07	7,07	0,00	0,00%	
NFR 6 - Other		NA			

The changes within the **National Total reported for 2018 (-2 kt | -2.11 %)** are dominated by changes in **NFR 2.G with minus 2.87 kt (-39 %)** together with a variety of more or less significant revisions throughout NFR 1.

The most significant relative change occurs for **NFR 2.C.7.c with minus 73.4 %**. [Table 1: Changes of emission estimates 2018](#)

NFR Sector	Submission 2020	Submission 2021	Difference		Reasoning
	[kt]		absolute	relative	
NATIONAL TOTAL	96,71	94,66	-2,05	-2,11%	see description and reasoning in: sub-category chapters
NFR 1 - Energy	57,55	58,37	0,83	1,44%	sub-category chapters
1.A.1.a	4,69	4,75	0,05	1,17%	here
1.A.1.b	0,35	0,46	0,11	32,53%	here
1.A.1.c	0,32	0,35	0,03	9,22%	here
1.A.2.a	0,082	0,081	-0,002	-2,29%	here
1.A.2.g vii	0,875	0,970	0,10	10,86%	here
1.A.2.g viii	2,21	2,08	-0,13	-5,88%	here
1.A.3.a i(i)	0,09	0,08	-0,01	-7,80%	here
1.A.3.a ii(i)	0,02	0,04	0,01	64,21%	here

	Submission 2020	Submission 2021	Difference		Reasoning
NFR Sector	[kt]		relative	see description and reasoning in:	
NATIONAL TOTAL	96,71	94,66	-2,05	-2,11%	sub-category chapters
NFR 1 - Energy	57,55	58,37	0,83	1,44%	sub-category chapters
1.A.3.b i	3,01	3,14	0,13	4,37%	here
1.A.3.b ii	1,345	1,348	0,003	0,25%	here
1.A.3.b iii	1,99	1,94	-0,05	-2,69%	here
1.A.3.b iv	0,94	0,98	0,04	3,86%	here
1.A.3.b vi	7,59	7,58	-0,01	-0,15%	here
1.A.3.b vii	4,242	4,235	-0,01	-0,16%	here
1.A.3.c	4,39	4,37	-0,02	-0,45%	here
1.A.3.d ii	1,07	1,10	0,03	2,87%	here
1.A.3.e i	0,00760	0,00763	0,00003	0,45%	1.A.3.e i - Pipeline Transport]
1.A.4.a i	2,05	1,81	-0,24	-11,55%	here
1.A.4.a ii	0,250	0,213	-0,04	-14,65%	here
1.A.4.b i	16,44	17,89	1,45	8,82%	here
1.A.4.b ii	0,1336	0,1270	-0,01	-4,97%	here
1.A.4.c i	0,48	0,48	-0,01	-1,35%	here
1.A.4.c ii	3,860	3,243	-0,62	-15,99%	here
1.A.4.c iii	0,083	0,085	0,002	2,70%	here
1.A.5.a	0,026	0,026	0,001	2,07%	here
1.A.5.b	0,0686	0,0687	0,0001	0,14%	here
NFR 2 - IPPU	28,31	25,44	-2,87	-10,14%	sub-category chapters
2.A.3	0,10	0,09	0,00	-0,77%	here
2.A.5.a	2,13	2,15	0,02	0,72%	here
2.C.2	0,00094	0,00086	-0,00008	-8,04%	here
2.C.7.a	0,05	0,04	0,00	-6,50%	here
2.C.7.c	0,01	0,00	-0,01	-73,35%	here
2.G	7,42	4,54	-2,87	-38,75%	here
NFR 3 - Agriculture	4,47	4,47	0,00	-0,02%	sub-category chapters
3.B.3	0,1143	0,1141	-0,0002	-0,21%	here
3.B.4.g i	0,1605	0,1603	-0,0002	-0,10%	here
3.B.4.g ii	0,1864	0,1859	-0,0006	-0,30%	here
NFR 5 - Waste	6,37495	6,37494	-0,00001	0,00%	sub-category chapters
5.A	0,00152	0,00150	-0,00001	-0,87%	here
NFR 6 - Other	NA				