Recalculations - Zinc (Zn)

With negligibly small changes within NFRs 1 and 2 and re-allocations in sub-categories of 1.A.3.b, the **1990 National Total remains unaltered** compared to last year's submission.

However, the strongest percental change occurs in NFR **1.A.3.b ii with plus 25 %**.

Table 1: Changes in emission estimates for 1990

NFR Sector	Submission 2022	Submission 2023	Difference	relative	Reasoning
		[t]		relative	see description and reasoning in:
NATIONAL TOTAL	**474,15**	**474,15**	**0,00**	**0,00%**	**sub-category chapters**
NFR 1 - Energy	**387,46**	**387,46**	**0,00**	**0,00%**	**sub-category chapters**
1.A.2.g vii	0,02122	0,02126	0,00004	0,17%	here
1.A.3.b i	1,0758	1,0766	0,0008	0,08%	here
1.A.3.b ii	0,0321	0,0402	0,0080	25,01%	here
1.A.3.b iii	0,1924	0,1830	-0,0094	-4,87%	here
1.A.3.b iv	0,0164	0,0169	0,0005	2,99%	here
1.A.4.a ii	0,003288	0,003285	-0,000003	-0,09%	here
1.A.4.b ii	0,3338	0,3339	0,0001	0,02%	here
1.A.4.c ii	0,66532	0,66525	-0,00006	-0,01%	here
NFR 2 - IPPU	**86,69**	**86,69**	**0,00**	**0,00%**	**sub-category chapters**
2.G	20,880	20,878	-0,002	-0,01%	here
NFR 3 - Agriculture	NA				
NFR 5 - Waste	NA				
NFR 6 - Other	NA				

The changes in the **National Total** reported for **2020 (+5.13 t and +1 %)** are dominated by opposing revisions in **NFRs 1.A.3.b vi (-1.52 t) and 1.A.3.c (+6.77 t)** where annual mileage and, hence, abrasive emissions were revised for 2020.

The significant percental change occuring in NFR 1.A.3.b iii results from a data error that will be corrected with the next annual submission.

Table 2: Changes of emission estimates for 2020

NFR Sector	Submission 2022	Submission 2023	Difference	relative	Reasoning
	[t]			relative	see description and reasoning in:
NATIONAL TOTAL	**267,315**	**266,383**	**-0,93**	**-0,35%**	**sub-category chapters**
NFR 1 - Energy	**220,766**	**219,897**	**-0,87**	**-0,39%**	**sub-category chapters**
1.A.1.a	4,120	4,095	-0,03	-0,62%	here
1.A.1.b	3,039	2,953	-0,09	-2,85%	here
1.A.1.c	0,037	0,033	-0,004	-9,80%	here
1.A.2.g vii	0,023	0,024	0,001	3,88%	here
1.A.2.g viii	0,41	0,59	0,17	41,43%	here
1.A.3.a i(i)	0,000000727	0,000000724	-0,000000003	-0,42%	here
1.A.3.a ii(i)	0,000018773	0,000018779	0,000000006	0,03%	here
1.A.3.b i	0,720	0,721	0,001	0,15%	here
1.A.3.b ii	0,070	0,072	0,002	2,62%	here
1.A.3.b iii	0,26	0,09	-0,17	-65,91%	here
1.A.3.b iv	0,0143	0,0145	0,0002	1,11%	here
1.A.3.b vi	123,52	122,91	-0,61	-0,49%	here
1.A.3.b vii	1,2052	1,2046	-0,0006	-0,05%	here
1.A.3.c	0,24	0,26	0,01	6,13%	here
1.A.3.d ii	0,47848	0,47845	-0,00003	-0,01%	here
1.A.4.a i	28,82	29,44	0,62	2,14%	here
1.A.4.a ii	0,00261	0,00264	0,00002	0,89%	here
1.A.4.b i	55,78	54,93	-0,86	-1,54%	here

NFR Sector	Submission 2022	Submission 2023	Difference	relative	Reasoning
	[t]				see description and reasoning in:
NATIONAL TOTAL	**267,315**	**266,383**	**-0,93**	**-0,35%**	**sub-category chapters**
NFR 1 - Energy	**220,766**	**219,897**	**-0,87**	**-0,39%**	**sub-category chapters**
1.A.4.b ii	0,19	0,15	-0,04	-21,39%	here
1.A.4.c i	1,3135	1,3134	-0,0001	-0,01%	here
1.A.4.c ii	0,49	0,61	0,12	24,44%	here
NFR 2 - IPPU	**46,55**	**46,49**	**-0,06**	**-0,13%**	**sub-category chapters**
2.G	21,82	21,75	-0,06	-0,29%	here
NFR 3 - Agriculture	NA				
NFR 5 - Waste	NA				
NFR 6 - Other	NA				