

## Recalculations - Carbon monoxide (CO)

The small changes in the **National Total** reported for **1990 (+0.33 kt or +0.002 %)** result from revisions in NFR sub-categories **1.A.2.g vii**, **1.A.4.a ii**, and **1.A.4.c ii**.

Table 1: Changes in emission estimates for 1990

NFR Sector	Submission 2024	Submission 2025	Difference		Reasoning
	[kt]			relative	
<b>NATIONAL TOTAL</b>	<b>13,320.20</b>	<b>13,320.53</b>	<b>0.33</b>	<b>0.002%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>12,050.36</b>	<b>12,050.69</b>	<b>0.33</b>	<b>0.003%</b>	sub-category chapters
1.A.2.g vii	74.39	73.97	-0.43	-0.57%	<a href="#">here</a>
1.A.4.a ii	6.17	6.05	-0.13	-2.05%	<a href="#">here</a>
1.A.4.c ii	110.83	111.72	0.88	0.80%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>1,248.77</b>	<b>1,248.77</b>	<b>0.00</b>	<b>0.00%</b>	
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>21.08</b>	<b>21.08</b>	<b>0.00</b>	<b>0.00%</b>	
<b>NFR 6 - Other</b>	<b>NA</b>				

The small changes in the **National Total** reported for **2021 (+9.9 kt or +0.38 %)** are dominated by partly opposing revisions within NFRs **1.A.2.g vii** (+39.42 kt), **1.A.3.b i** (-18.7 kt), **1.A.4.c ii** (+18.8 kt) and **2.C.3** (-30.5 kt).

Here, the most significant percental changes occur for NFRs **1.A.3.d ii** with plus 120 % and **1.B.1.b** with minus 96 %.

Table 2: Changes in emission estimates for 2021

NFR Sector	Submission 2024	Submission 2025	Difference		Reasoning
	[kt]			relative	
<b>NATIONAL TOTAL</b>	<b>2,539,17</b>	<b>2,568,11</b>	<b>28,94</b>	<b>1,14%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>1,799,87</b>	<b>1,828,53</b>	<b>28,66</b>	<b>1,59%</b>	sub-category chapters
1.A.1.a	94,69	94,23	-0,46	-0,49%	<a href="#">here</a>
1.A.1.b	2,08	1,59	-0,49	-23,66%	<a href="#">here</a>
1.A.1.c	11,51	11,44	-0,07	-0,63%	<a href="#">here</a>
1.A.2.a	32,51	30,84	-1,67	-5,14%	<a href="#">here</a>
1.A.2.b	0,123	0,126	0,003	2,59%	<a href="#">here</a>
1.A.2.e	0,082	0,085	0,003	3,79%	<a href="#">here</a>
1.A.2.f	1,61	1,32	-0,29	-18,25%	<a href="#">here</a>
1.A.2.g vii	177,09	188,15	11,06	6,24%	<a href="#">here</a>
1.A.2.g viii	18,63	16,93	-1,71	-9,16%	<a href="#">here</a>
1.A.3.a i(i)	4,29	4,30	0,01	0,22%	<a href="#">here</a>
1.A.3.a ii(i)	2,26634	2,26647	0,00013	0,01%	<a href="#">here</a>
1.A.3.b i	638,00	639,47	1,47	0,23%	<a href="#">here</a>
1.A.3.b ii	38,73	38,76	0,03	0,08%	<a href="#">here</a>
1.A.3.b iii	28,95	29,33	0,39	1,33%	<a href="#">here</a>
1.A.3.b iv	62,60	61,28	-1,32	-2,11%	<a href="#">here</a>
1.A.3.c	1,142	1,146	0,004	0,34%	<a href="#">here</a>
1.A.3.d ii	6,97	6,91	-0,05	-0,77%	<a href="#">here</a>
1.A.4.a i	48,25	46,86	-1,39	-2,89%	<a href="#">here</a>
1.A.4.a ii	1,54	1,37	-0,18	-11,43%	<a href="#">here</a>
1.A.4.b i	434,82	461,62	26,80	6,16%	<a href="#">here</a>
1.A.4.b ii	80,65	82,75	2,09	2,60%	<a href="#">here</a>
1.A.4.c i	15,60	15,73	0,13	0,84%	<a href="#">here</a>
1.A.4.c ii	84,69	78,76	-5,94	-7,01%	<a href="#">here</a>
1.A.4.c iii	0,02	0,02	0,00	0,00%	<a href="#">here</a>
1.A.5.a	1,617	1,617	0,00	0,00%	<a href="#">here</a>

	Submission 2024	Submission 2025	Difference		Reasoning
<b>NFR Sector</b>	<b>[kt]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>2.539,17</b>	<b>2.568,11</b>	<b>28,94</b>	<b>1,14%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>1.799,87</b>	<b>1.828,53</b>	<b>28,66</b>	<b>1,59%</b>	<b>sub-category chapters</b>
1.A.5.b	10,358	10,605	0,25	2,38%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>723,337</b>	<b>723,612</b>	<b>0,27</b>	<b>0,04%</b>	<b>sub-category chapters</b>
2.A.2	11,23	11,47	0,24	2,13%	<a href="#">here</a>
2.A.3	0,51	0,55	0,03	6,57%	<a href="#">here</a>
2.G	11,939	11,940	0,001	0,01%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>15,97</b>	<b>15,97</b>	<b>0,00</b>	<b>0,00%</b>	
5.C.1.b v	0,11	0,11	0,00	0,00%	<a href="#">here</a>
5.C.1.b vi	NA	NA	#WERT!	#WERT!	
5.C.2	15,86	15,86	0,00	0,00%	<a href="#">here</a>
5.D.1	NA NA	#WERT! #WERT!			<a href="#">here</a>
5.D.2	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
5.D.3	NO	NO	#WERT!	#WERT!	
5.E	NE	NE	#WERT!	#WERT!	<a href="#">here</a>
NFR 6 - Other	0,00	0,00	0,00	#DIV/0!	