

## Recalculations - Zinc (Zn)

The marginal changes in the **National Total reported for 1990 (-0.44 t | -0.09 %)** result from a variety of revisions throughout **NFR 1 and in NFR 2.G**.

Table 1: Changes in emission estimates for 1990

NFR Sector	Submission 2021	Submission 2022	Difference		Reasoning
	[t]		absolute	relative	
<b>NATIONAL TOTAL</b>	<b>474,59</b>	<b>474,15</b>	<b>-0,44</b>	<b>-0,09%</b>	<b>see description and reasoning in: sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>387,74</b>	<b>387,46</b>	<b>-0,28</b>	<b>-0,07%</b>	<b>sub-category chapters</b>
1.A.3.a i(i)	0,000019	0,000013	-0,000006	-33,33%	<a href="#">here</a>
1.A.3.a ii(i)	0,0003	0,0002	-0,0001	-33,33%	<a href="#">here</a>
1.A.3.c	0,91	0,92	0,01	1,27%	<a href="#">here</a>
1.A.3.d ii	1,27	1,00	-0,27	-21,38%	<a href="#">here</a>
1.A.4.b i	18,179	18,179	0,00	0,00%	<a href="#">here</a>
1.A.4.b ii	0,32	0,33	0,01	2,78%	<a href="#">here</a>
1.A.4.c iii	0,02	0,01	-0,01	-53,83%	<a href="#">here</a>
1.A.5.b	0,050	0,038	-0,01	-24,61%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>86,85</b>	<b>86,69</b>	<b>-0,16</b>	<b>-0,19%</b>	<b>sub-category chapters</b>
2.G	21,05	20,88	-0,16	-0,78%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>NA</b>				
<b>NFR 6 - Other</b>	<b>NA</b>				

The negligibly small changes in the **National Total reported for 2018 (-0.2 t | -0.06 %)** result from a variety of revisions throughout **NFR 1 and in NFR 2.G**.

Table 1: Changes in emission estimates for 2018

NFR Sector	Submission 2020	Submission 2021	Difference		Reasoning
	[t]		absolute	relative	
<b>NATIONAL TOTAL</b>	<b>292,95</b>	<b>292,77</b>	<b>-0,18</b>	<b>-0,06%</b>	<b>see description and reasoning in: sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>234,71</b>	<b>235,92</b>	<b>1,22</b>	<b>0,52%</b>	<b>sub-category chapters</b>
1.A.1.a	6,91	6,94	0,03	0,42%	<a href="#">here</a>
1.A.1.b	3,745	3,282	-0,46	-12,37%	<a href="#">here</a>
1.A.1.c	0,0356	0,0392	0,0036	10,09%	<a href="#">here</a>
1.A.2.g vii	0,0203	0,0217	0,0014	6,99%	<a href="#">here</a>
1.A.2.g viii	0,53	0,52	-0,01	-1,61%	<a href="#">here</a>
1.A.3.a i(i)	NE	0,00001	0,00001		<a href="#">here</a>
1.A.3.a ii(i)	0,0003	0,0002	-0,0001	-36,34%	<a href="#">here</a>
1.A.3.b i	0,80	0,81	0,01	1,15%	<a href="#">here</a>
1.A.3.b ii	0,0694	0,0700	0,0005	0,78%	<a href="#">here</a>
1.A.3.b iii	0,28	0,27	-0,01	-3,34%	<a href="#">here</a>
1.A.3.b iv	0,0142	0,0140	-0,0002	-1,19%	<a href="#">here</a>
1.A.3.b vi	137,29	137,13	-0,16	-0,12%	<a href="#">here</a>
1.A.3.b vii	1,329	1,325	-0,004	-0,28%	<a href="#">here</a>
1.A.3.c	0,262	0,226	-0,036	-13,68%	<a href="#">here</a>
1.A.3.d ii	0,61	0,64	0,03	5,08%	<a href="#">here</a>
1.A.4.a i	28,87	25,39	-3,48	-12,06%	<a href="#">here</a>
1.A.4.a ii	0,0030	0,0026	-0,0005	-15,33%	<a href="#">here</a>
1.A.4.b i	51,99	57,27	5,28	10,17%	<a href="#">here</a>
1.A.4.b ii	0,21	0,20	-0,01	-4,69%	<a href="#">here</a>
1.A.4.c i	1,2863	1,2867	0,0004	0,03%	<a href="#">here</a>
1.A.4.c ii	0,37	0,40	0,03	8,52%	<a href="#">here</a>
1.A.4.c iii	0,069	0,071	0,002	3,02%	<a href="#">here</a>

	Submission 2020	Submission 2021	Difference		Reasoning
<b>NFR Sector</b>	<b>[t]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>292,95</b>	<b>292,77</b>	<b>-0,18</b>	<b>-0,06%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>234,71</b>	<b>235,92</b>	<b>1,22</b>	<b>0,52%</b>	<b>sub-category chapters</b>
1.A.5.b	0,0138	0,0142	0,0004	2,56%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>58,24</b>	<b>56,85</b>	<b>-1,40</b>	<b>-2,40%</b>	<b>sub-category chapters</b>
2.G	32,46	31,06	-1,40	-4,31%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>NA</b>				
<b>NFR 6 - Other</b>	<b>NA</b>				