

## Recalculations - Lead (Pb)

The marginal changes within the **National Total reported for 1990 (-1.15 kt | -0.06 %)** are dominated by changes in **NFR 1.A.3.a ii(i) with -1.16 kt or -33.3 %** together with less significant revisions throughout NFRs 1 and 2.

Here, the most significant percental change occurs for NFR **1.A.4.c iii** with minus 52 %.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2021	Submission 2022	Difference		Reasoning
	[t]		absolute	relative	
<b>NATIONAL TOTAL</b>	<b>1.900,35</b>	<b>1.899,19</b>	<b>-1,15</b>	<b>-0,06%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>1.500,23</b>	<b>1.499,00</b>	<b>-1,23</b>	<b>-0,08%</b>	sub-category chapters
1.A.3.a i(i)	0,24	0,16	-0,08	-33,33%	<a href="#">here</a>
1.A.3.a ii(i)	3,49	2,33	-1,16	-33,33%	<a href="#">here</a>
1.A.3.c	0,18	0,25	0,07	37,80%	<a href="#">here</a>
1.A.3.d ii	0,13	0,08	-0,05	-39,36%	<a href="#">here</a>
1.A.4.c iii	0,002	0,001	-0,001	-52,60%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>399,97</b>	<b>400,05</b>	<b>0,07</b>	<b>0,02%</b>	sub-category chapters
2.A.3	0,79	0,86	0,07	9,35%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0,15</b>	<b>0,15</b>	<b>0,00</b>	<b>0,00%</b>	
<b>NFR 6 - Other</b>	<b>NA</b>				

The significant changes within the **National Total reported for 1990 (-45 kt | -21.8 %)** are dominated by changes in **NFR 2.G with -36.4 kt or -100 %** together with more or less significant revisions throughout NFRs 1, 2 and 3.

Table 1: Changes of emission estimates 2018

NFR Sector	Submission 2021	Submission 2022	Difference		Reasoning
	[t]		absolute	relative	
<b>NATIONAL TOTAL</b>	<b>207,36</b>	<b>162,18</b>	<b>-45,18</b>	<b>-21,79%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>90,41</b>	<b>86,60</b>	<b>-3,80</b>	<b>-4,20%</b>	sub-category chapters
1.A.1.a	8,42	8,45	0,03	0,32%	<a href="#">here</a>
1.A.1.b	6,08	5,23	-0,85	-13,93%	<a href="#">here</a>
1.A.1.c	0,078	0,085	0,01	7,89%	<a href="#">here</a>
1.A.2.g vii	0,00062	0,00066	0,00004	5,99%	<a href="#">here</a>
1.A.2.g viii	0,584	0,583	-0,001	-0,22%	<a href="#">here</a>
1.A.3.a i(i)	NE	0,12	0,12		<a href="#">here</a>
1.A.3.a ii(i)	3,69	2,35	-1,34	-36,34%	<a href="#">here</a>
1.A.3.b i	0,0332	0,0334	0,0003	0,80%	<a href="#">here</a>
1.A.3.b ii	0,00203	0,00204	0,00001	0,42%	<a href="#">here</a>
1.A.3.b iii	0,0077	0,0075	-0,0003	-3,34%	<a href="#">here</a>
1.A.3.b iv	0,00069	0,00068	-0,00001	-1,19%	<a href="#">here</a>
1.A.3.b vi	48,57	48,50	-0,07	-0,15%	<a href="#">here</a>
1.A.3.b vii	0,0634	0,0632	-0,0002	-0,28%	<a href="#">here</a>
1.A.3.c	0,092	0,090	-0,002	-2,03%	<a href="#">here</a>
1.A.3.d ii	0,057	0,059	0,002	3,66%	<a href="#">here</a>
1.A.4.a i	17,89	15,78	-2,12	-11,83%	<a href="#">here</a>
1.A.4.a ii	0,00008	0,00007	-0,00001	-15,33%	<a href="#">here</a>
1.A.4.b i	4,74	5,16	0,42	8,76%	<a href="#">here</a>
1.A.4.b ii	0,0001705	0,0001698	-0,0000007	-0,40%	<a href="#">here</a>
1.A.4.c i	0,078	0,083	0,005	6,48%	<a href="#">here</a>
1.A.4.c ii	0,000757	0,000743	-0,000014	-1,80%	<a href="#">here</a>
1.A.4.c iii	0,0074	0,0077	0,0003	3,03%	<a href="#">here</a>
1.A.5.b	0,00302	0,00306	0,00004	1,28%	<a href="#">here</a>

	Submission 2021	Submission 2022	Difference		Reasoning
<b>NFR Sector</b>	<b>[t]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>207,36</b>	<b>162,18</b>	<b>-45,18</b>	<b>-21,79%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>90,41</b>	<b>86,60</b>	<b>-3,80</b>	<b>-4,20%</b>	<b>sub-category chapters</b>
<b>NFR 2 - IPPU</b>	<b>116,84</b>	<b>75,46</b>	<b>-41,38</b>	<b>-35,42%</b>	<b>sub-category chapters</b>
2.A.3	1,671	1,665	-0,006	-0,38%	<a href="#">here</a>
2.C.7.a	12,37	7,42	-4,95	-40,02%	<a href="#">here</a>
2.G	36,43	0,00	-36,43	-100%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0,12</b>	<b>0,12</b>	<b>0,00</b>	<b>0,00%</b>	
<b>NFR 6 - Other</b>	<b>NA</b>				