

## Recalculations - Black Carbon (BC)

The small changes within the **National Total** reported for **2000 (-0.31 kt or -0.82 %)** are dominated by changes in **sub-categories of NFR 1.A.3.b** together with a variety of more or less significant revisions throughout NFR 1.

Table 1: Changes of emission estimates 2000

NFR Sector	Submission 2022	Submission 2023	Difference		Reasoning
	[kt]			relative	
<b>NATIONAL TOTAL</b>	<b>38,44</b>	<b>38,13</b>	<b>-0,31</b>	<b>-0,82%</b>	<b>see description and reasoning in: sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>37,77</b>	<b>37,46</b>	<b>-0,31</b>	<b>-0,83%</b>	<b>sub-category chapters</b>
1.A.2.g vii	2,278	2,282	0,004	0,18%	<a href="#">here</a>
1.A.2.g viii	0,153	0,153	0,000	0,00%	<a href="#">here</a>
1.A.3.a i(i)	0,031	0,028	-0,003	-8,85%	<a href="#">here</a>
1.A.3.a ii(i)	0,016	0,014	-0,001	-8,49%	<a href="#">here</a>
1.A.3.b i	10,11	10,41	0,30	3,00%	<a href="#">here</a>
1.A.3.b ii	3,91	4,05	0,13	3,45%	<a href="#">here</a>
1.A.3.b iii	10,70	9,96	-0,74	-6,90%	<a href="#">here</a>
1.A.3.b iv	0,162	0,167	0,004	2,71%	<a href="#">here</a>
1.A.3.b vi	1,621	1,619	-0,001	-0,09%	<a href="#">here</a>
1.A.3.c	0,63	0,62	-0,01	-1,75%	<a href="#">here</a>
1.A.4.a ii	0,495	0,494	-0,001	-0,16%	<a href="#">here</a>
1.A.4.b ii	0,00843	0,00842	-0,00001	-0,16%	<a href="#">here</a>
1.A.4.c ii	3,980	3,974	-0,006	-0,16%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>0,017</b>	<b>0,017</b>	<b>0,000</b>	<b>0,00%</b>	<b>sub-category chapters</b>
<b>NFR 3 - Agriculture</b>		<b>NA</b>			
<b>NFR 5 - Waste</b>	<b>0,65</b>	<b>0,65</b>	<b>0,00</b>	<b>0,00%</b>	<b>sub-category chapters</b>
<b>NFR 6 - Other</b>		<b>NA</b>			

The small changes within the **National Total** reported for **2019 (-0.13 kt | -1.1 %)** result from multiple revisions throughout NFRs 1 and 5.

The most significant relative change occurs for **NFR 1.A.5.a with plus 77 %**

Table 2: Changes of emission estimates 2019

NFR Sector	Submission 2022	Submission 2023	Difference		Reasoning
	[kt]			relative	
<b>NATIONAL TOTAL</b>	<b>10,22</b>	<b>10,12</b>	<b>-0,10</b>	<b>-1,01%</b>	<b>see description and reasoning in: sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>9,77</b>	<b>9,66</b>	<b>-0,10</b>	<b>-1,05%</b>	<b>sub-category chapters</b>
1.A.1.a	0,0275	0,0274	-0,0001	-0,37%	<a href="#">here</a>
1.A.1.b	0,024	0,025	0,001	5,14%	<a href="#">here</a>
1.A.1.c	0,0006	0,0005	-0,0001	-20,94%	<a href="#">here</a>
1.A.2.g vii	0,62	0,63	0,01	1,26%	<a href="#">here</a>
1.A.2.g viii	0,06	0,08	0,02	35,07%	<a href="#">here</a>
1.A.3.a i(i)	0,016	0,015	-0,001	-6,62%	<a href="#">here</a>
1.A.3.a ii(i)	0,0066	0,0062	-0,0004	-6,60%	<a href="#">here</a>
1.A.3.b i	1,20	1,14	-0,06	-5,19%	<a href="#">here</a>
1.A.3.b ii	0,737	0,740	0,003	0,35%	<a href="#">here</a>
1.A.3.b iii	0,74	0,65	-0,09	-12,01%	<a href="#">here</a>
1.A.3.b iv	0,177	0,183	0,005	2,96%	<a href="#">here</a>
1.A.3.b vi	1,69	1,68	-0,01	-0,43%	<a href="#">here</a>
1.A.3.c	0,083	0,097	0,013	16,05%	<a href="#">here</a>
1.A.4.a i	0,475	0,485	0,010	2,14%	<a href="#">here</a>
1.A.4.a ii	0,148	0,149	0,001	0,89%	<a href="#">here</a>
1.A.4.b i	1,51	1,49	-0,02	-1,46%	<a href="#">here</a>

	Submission 2022	Submission 2023	Difference		Reasoning
<b>NFR Sector</b>	<b>[kt]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>10,22</b>	<b>10,12</b>	<b>-0,10</b>	<b>-1,01%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>9,77</b>	<b>9,66</b>	<b>-0,10</b>	<b>-1,05%</b>	<b>sub-category chapters</b>
1.A.4.b ii	0,008	0,006	-0,002	-21,14%	<a href="#">here</a>
1.A.4.c i	0,08599	0,08598	-0,00001	-0,01%	<a href="#">here</a>
1.A.4.c ii	1,86	1,88	0,02	1,01%	<a href="#">here</a>
1.A.4.c iii	0,004	0,004	0,000	0,00%	<a href="#">here</a>
1.A.5.a	0,010	0,010	0,001	6,36%	<a href="#">here</a>
1.A.5.b	0,028	0,026	-0,002	-5,62%	<a href="#">here</a>
1.B.1.b	0,0160	0,0161	0,0001	0,84%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>0,01</b>	<b>0,01</b>	<b>0,00</b>	<b>0,00%</b>	
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0,44</b>	<b>0,44</b>	<b>0,00</b>	<b>0,00%</b>	
<b>NFR 6 - Other</b>	<b>NA</b>				