

## Recalculations - Black Carbon (BC)

The small changes within the **National Total reported for 2000 (-0.7 kt | -1.7 %)** are dominated by changes in **NFRs 1.A.3.b i, 1.A.3.b ii and 1.A.4.c ii** together with less significant revisions throughout NFRs 1, 2 and 3.

The most significant relative change occurs for **NFR 2.G with minus 51 %**

Table 1: Changes of emission estimates 2000

NFR Sector	Submission 2020	Submission 2021	Difference		Reasoning
	[kt]			relative	
<b>NATIONAL TOTAL</b>	<b>39,76</b>	<b>39,08</b>	<b>-0,67</b>	<b>-1,70%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>39,07</b>	<b>38,41</b>	<b>-0,66</b>	<b>-1,69%</b>	sub-category chapters
1.A.2.g vii	2,16	2,28	0,12	5,35%	<a href="#">here</a>
1.A.3.a i(i)	0,026	0,031	0,005	20,58%	<a href="#">here</a>
1.A.3.a ii(i)	0,012	0,017	0,005	40,44%	<a href="#">here</a>
1.A.3.b i	9,75	10,11	0,36	3,73%	<a href="#">here</a>
1.A.3.b ii	4,72	3,91	-0,81	-17,15%	<a href="#">here</a>
1.A.3.b iii	10,48	10,70	0,22	2,11%	<a href="#">here</a>
1.A.3.b iv	0,157	0,162	0,005	3,14%	<a href="#">here</a>
1.A.3.b vi	1,625	1,621	-0,005	-0,29%	<a href="#">here</a>
1.A.4.a ii	0,47	0,49	0,02	5,16%	<a href="#">here</a>
1.A.4.b ii	0,0042	0,0045	0,0003	7,04%	<a href="#">here</a>
1.A.4.c ii	4,57	3,98	-0,59	-12,86%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>0,03</b>	<b>0,02</b>	<b>-0,01</b>	<b>-43,30%</b>	sub-category chapters
2.G	0,02	0,01	-0,01	-50,60%	<a href="#">here</a>
<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>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 2021	Submission 2022	Difference		Reasoning
	[kt]			relative	
<b>NATIONAL TOTAL</b>	<b>11,71</b>	<b>11,58</b>	<b>-0,13</b>	<b>-1,09%</b>	sub-category chapters
<b>NFR 1 - Energy</b>	<b>11,11</b>	<b>10,98</b>	<b>-0,13</b>	<b>-1,19%</b>	sub-category chapters
1.A.1.a	0,03436	0,03437	0,00001	0,02%	<a href="#">here</a>
1.A.1.b	0,05	0,03	-0,02	-45,37%	<a href="#">here</a>
1.A.1.c	0,00053	0,00052	-0,00001	-1,68%	<a href="#">here</a>
1.A.2.g vii	0,672	0,670	-0,002	-0,25%	<a href="#">here</a>
1.A.2.g viii	0,077	0,072	-0,005	-6,43%	<a href="#">here</a>
1.A.3.a i(i)	0,0364	0,0360	-0,0004	-1,06%	<a href="#">here</a>
1.A.3.a ii(i)	0,0142	0,0126	-0,0016	-11,27%	<a href="#">here</a>
1.A.3.b i	1,64	1,57	-0,08	-4,66%	<a href="#">here</a>
1.A.3.b ii	0,88	0,87	-0,01	-1,10%	<a href="#">here</a>
1.A.3.b iii	0,923	0,926	0,003	0,36%	<a href="#">here</a>
1.A.3.b iv	0,175	0,173	-0,002	-1,10%	<a href="#">here</a>
1.A.3.c	0,08	0,09	0,01	17,23%	<a href="#">here</a>
1.A.3.d ii	0,29	0,26	-0,03	-11,32%	<a href="#">here</a>
1.A.4.a ii	0,1550	0,1548	-0,0003	-0,18%	<a href="#">here</a>
1.A.4.b i	1,636	1,637	0,001	0,06%	<a href="#">here</a>
1.A.4.b ii	0,006	0,008	0,002	34,65%	<a href="#">here</a>

	Submission 2021	Submission 2022	Difference		Reasoning
<b>NFR Sector</b>	<b>[kt]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>11,71</b>	<b>11,58</b>	<b>-0,13</b>	<b>-1,09%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>11,11</b>	<b>10,98</b>	<b>-0,13</b>	<b>-1,19%</b>	<b>sub-category chapters</b>
1.A.4.c ii	1,898	1,902	0,004	0,22%	<a href="#">here</a>
1.A.4.c iii	0,006	0,004	-0,002	-34,68%	<a href="#">here</a>
1.A.5.a	0,005	0,009	0,004	77,47%	<a href="#">here</a>
1.A.5.b	0,046	0,040	-0,006	-12,52%	<a href="#">here</a>
1.B.1.b	0,016	0,018	0,002	12,47%	<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>0,590</b>	<b>0,594</b>	<b>0,004</b>	<b>0,62%</b>	<b>sub-category chapters</b>
5.C.2	0,255	0,259	0,004	1,44%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>NA</b>				