

## 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 **2020 (-0.1 kt or -1 %)** result from multiple more or less significant revisions throughout NFR 1.

The most significant relative change occurs for **NFR 1.A.2.g viii with plus 35%**

Table 2: Changes of emission estimates 2020

NFR Sector	Submission 2023	Submission 2024	Difference		Reasoning
	[kt]			relative	
<b>NATIONAL TOTAL</b>	<b>9,90</b>	<b>10,22</b>	<b>0,32</b>	<b>3,25%</b>	<b>see description and reasoning in: sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>9,45</b>	<b>9,76</b>	<b>0,31</b>	<b>3,27%</b>	<b>sub-category chapters</b>
1.A.1.a	0,0324	0,0321	-0,0003	-0,95%	<a href="#">here</a>
1.A.1.b	0,025	0,027	0,002	6,20%	<a href="#">here</a>
1.A.1.c	0,00038	0,00044	0,00006	15,4%	<a href="#">here</a>
1.A.2.g vii	0,54	0,34	-0,20	-36,7%	<a href="#">here</a>
1.A.2.g viii	0,065	0,061	-0,004	-6,87%	<a href="#">here</a>
1.A.3.a i(i)	0,0162	0,0160	-0,0002	-1,54%	<a href="#">here</a>
1.A.3.a ii(i)	0,006	0,005	-0,001	-21,5%	<a href="#">here</a>
1.A.3.b i	1,03	0,95	-0,08	-7,63%	<a href="#">here</a>
1.A.3.b ii	0,724	0,708	-0,016	-2,21%	<a href="#">here</a>
1.A.3.b iii	0,530	0,536	0,006	1,19%	<a href="#">here</a>
1.A.3.b iv	0,166	0,162	-0,004	-2,14%	<a href="#">here</a>
1.A.3.b vi	1,697	1,699	0,002	0,15%	<a href="#">here</a>
1.A.3.c	0,0982	0,0987	0,0005	0,52%	<a href="#">here</a>
1.A.3.d ii	0,23	0,24	0,01	4,97%	<a href="#">here</a>
1.A.4.a i	0,53	0,54	0,01	2,14%	<a href="#">here</a>
1.A.4.a ii	0,13	0,14	0,01	6,38%	<a href="#">here</a>

	Submission 2023	Submission 2024	Difference		Reasoning
NFR Sector	[kt]		absolute	relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>9,90</b>	<b>10,22</b>	<b>0,32</b>	<b>3,25%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>9,45</b>	<b>9,76</b>	<b>0,31</b>	<b>3,27%</b>	<b>sub-category chapters</b>
1.A.4.b ii	0,0063	0,0066	0,0003	5,18%	<a href="#">here</a>
1.A.4.c i	0,0989	0,0991	0,0003	0,27%	<a href="#">here</a>
1.A.4.c ii	1,75	2,32	0,57	32,3%	<a href="#">here</a>
1.A.5.a	0,01385	0,01386	0,00001	0,07%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>0,01182</b>	<b>0,01182</b>	<b>0,00000</b>		<b>sub-category chapters</b>
<b>NFR 3 - Agriculture</b>	<b>0,00000</b>	<b>0,00000</b>	<b>0,00000</b>		<b>sub-category chapters</b>
3.B.1.a	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
3.B.1.b	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
3.B.2	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
3.B.3	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
3.B.4.a	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
3.B.4.d	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
3.B.4.e	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
3.B.4.f	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
3.B.4.g i	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
3.B.4.g ii	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
3.B.4.g iii	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
3.B.4.g iv	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
3.B.4.h	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
3.D.a.1	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
3.D.a.2.a	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
3.D.a.2.b	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
3.D.a.2.c	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
3.D.a.3	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
3.D.a.4	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
3.D.b	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
3.D.c	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
3.D.d	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
3.D.e	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
3.D.f	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
3.F	NO	NO	#WERT!	#WERT!	
3.I	NA	NA	#WERT!	#WERT!	<a href="#">here</a>
<b>NFR 5 - Waste</b>	<b>0,444</b>	<b>0,458</b>	<b>0,014</b>	<b>3,05%</b>	<b>sub-category chapters</b>
5.C.2	0,11	0,14	0,033	30,0%	<a href="#">here</a>
5.E	0,335	0,316	-0,019	-5,69%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>NA</b>				