

pollutant-specific data:	NOx	NM VOC	SOx	NH3	PM2.5	PM10	TSP	BC	CO	Pb	Cd	Hg	As	Cr	Cu	Ni	Se	Zn	PCDD/F	B[a]P	B[b]F	<b>B[k]F</b>	I[x]P	PAH1-4	HCB	PCB

## Recalculations - Benzo[k]Fluoranthene

The changes within the **National Total** reported for **1990 (+0.87 t or +2.44 %)** result almost entirely from newly implemented emission estimates for **NFR sub-category 2.C.3, increasing the emissions from NFR 2 by nearly 2,000%**. Furthermore, a variety of revisions have been carried out throughout NFR 1.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2025	Submission 2026	Difference		Reasoning
	[t]			relative	
<b>NATIONAL TOTAL</b>	<b>35.83</b>	<b>36.71</b>	<b>0.87</b>	<b>2.44%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>35.14</b>	<b>35.15</b>	<b>0.01</b>	<b>0.02%</b>	sub-category chapters
1.A.2.g vii	0.040017	0.040020	0.000003	0.01%	<a href="#">here</a>
1.A.3.b i	0.37	0.48	0.11	29.62%	<a href="#">here</a>
1.A.3.b ii	0.02	0.03	0.01	62.57%	<a href="#">here</a>
1.A.3.b iii	0.31	0.22	-0.09	-28.95%	<a href="#">here</a>
1.A.3.b iv	0.0048	0.0046	-0.0002	-5.17%	<a href="#">here</a>
1.A.3.b vi	0.03	0.00	-0.02	-86.00%	<a href="#">here</a>
1.A.4.a ii	0.007793	0.007791	-0.000002	-0.03%	<a href="#">here</a>
1.A.4.c ii	0.086554	0.086553	-0.000001	-0.001%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>0.04</b>	<b>0.91</b>	<b>0.87</b>	<b>1,962%</b>	sub-category chapters
2.C.3	NE	0.87	0.87		<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 **2023 (+0.03 t or +0.25 %)** result from a variety of revisions throughout NFRs 1 and 2. In addition, for **NFR sub-categories 1.A.3.b vi and 2.C.3**, B[k]F emissions are being reported for the first time.

However, the most significant percental change occurs in NFR **1.A.3.b i with plus 103.7 %**.

Table 2: Changes of emission estimates 2023

NFR Sector	Submission 2025	Submission 2026	Difference		Reasoning
	[t]			relative	
<b>NATIONAL TOTAL</b>	<b>10,35</b>	<b>10,38</b>	<b>0,03</b>	<b>0,25%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>10,16</b>	<b>10,19</b>	<b>0,03</b>	<b>0,25%</b>	sub-category chapters
1.A.2.g vii	0,018	0,025	0,007	36,67%	<a href="#">here</a>
1.A.3.a i(i)	0,000000038	0,000000039	0,000000001	2,34%	<a href="#">here</a>
1.A.3.a ii(i)	0,00000193	0,00000198	0,00000005	2,34%	<a href="#">here</a>
1.A.3.b i	0,22	0,45	0,23	103,70%	<a href="#">here</a>
1.A.3.b ii	0,035	0,012	-0,02	-67,04%	<a href="#">here</a>
1.A.3.b iii	0,44	0,39	-0,05	-11,57%	<a href="#">here</a>
1.A.3.b iv	0,0026	0,0024	-0,0002	-7,91%	<a href="#">here</a>
1.A.3.b vi	NE	0,007	0,007		<a href="#">here</a>
1.A.3.c	0,009	0,006	-0,003	-31,11%	<a href="#">here</a>
1.A.3.d ii	0,0145	0,0141	-0,0004	-2,49%	<a href="#">here</a>
1.A.4.a i	1,45	1,34	-0,11	-7,41%	<a href="#">here</a>
1.A.4.a ii	0,004	0,005	0,001	38,35%	<a href="#">here</a>
1.A.4.b i	7,78	7,75	-0,03	-0,35%	<a href="#">here</a>
1.A.4.b ii	0,00032	0,00030	-0,00002	-4,82%	<a href="#">here</a>

	Submission 2025	Submission 2026	Difference		Reasoning
<b>NFR Sector</b>	<b>[t]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>10,35</b>	<b>10,38</b>	<b>0,03</b>	<b>0,25%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>10,16</b>	<b>10,19</b>	<b>0,03</b>	<b>0,25%</b>	<b>sub-category chapters</b>
1.A.4.c ii	0,067	0,058	-0,008	-12,42%	<a href="#">here</a>
1.A.5.a	0,012	0,013	0,001	9,39%	<a href="#">here</a>
1.A.5.b	0,00056	0,00055	-0,00001	-1,06%	<a href="#">here</a>
1.B.1.b	0,0253894	0,0253909	0,0000015	0,01%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>0,0259125</b>	<b>0,0262390</b>	<b>0,0003265</b>	<b>1,26%</b>	<b>sub-category chapters</b>
2.C.3	NE	<u>0,0003225</u>	0,0003225		<a href="#">here</a>
2.G	0,0259125	0,0259164	0,0000039	0,02%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0,16</b>	<b>0,16</b>	<b>0,00</b>	<b>0,00%</b>	
<b>NFR 6 - Other</b>	<b>NA</b>				