

# Recalculations - Benzo[k]Fluoranthene

The small changes within the **National Total reported for 1990 (+0.27 t | +1.66 %)** are dominated by a revision in **NFR 1.B.1.b**.

In addition, several much less significant changes occur throughout NFR 1.

Table 1: Changes of emission estimates 1990

	Submission 2021	Submission 2022	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>16,01</b>	<b>16,27</b>	<b>0,27</b>	<b>1,66%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>15,75</b>	<b>16,01</b>	<b>0,27</b>	<b>1,69%</b>	<b>sub-category chapters</b>
1.A.3.a i(i)	0,0000023	0,0000015	-0,0000008	-33,33%	<a href="#">here</a>
1.A.3.a ii(i)	0,00003	0,00002	-0,00001	-33,33%	<a href="#">here</a>
1.A.3.d ii	0,04	0,03	-0,01	-17,43%	<a href="#">here</a>
1.A.4.c iii	0,0006	0,0003	-0,0003	-53,84%	<a href="#">here</a>
1.A.5.b	0,0148	0,0144	-0,0004	-2,40%	<a href="#">here</a>
1.B.1.b	1,04	1,32	0,27	26,18%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>0,04</b>	<b>0,04</b>	<b>0,00</b>	<b>0,00%</b>	
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0,22</b>	<b>0,22</b>	<b>0,00</b>	<b>0,00%</b>	
<b>NFR 6 - Other</b>	<b>NA</b>				

The negligibly small changes in the **National Total** reported for **2019 (+0.01 t or +0.14 %)** result from a variety of revisions throughout NFRs 1 and 5.

The most significant percental changes occur for **NFRs 1.A.3.a i(i) and 1.A.3.a ii(i) with minus 84 %**.

Table 2: Changes in emission estimates for 2019

	Submission 2021	Submission 2022	Difference		Reasoning
NFR Sector	[t]			relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>10,69</b>	<b>10,70</b>	<b>0,01</b>	<b>0,14%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>10,50</b>	<b>10,51</b>	<b>0,01</b>	<b>0,12%</b>	<b>sub-category chapters</b>
1.A.2.g vii	0,0373	0,0374	0,0001	0,16%	<a href="#">here</a>
1.A.3.a i(i)	0,0000009	0,0000002	-0,0000008	-83,52%	<a href="#">here</a>
1.A.3.a ii(i)	0,000021	0,000003	-0,000017	-83,69%	<a href="#">here</a>
1.A.3.b i	0,2470	0,2473	0,0002	0,10%	<a href="#">here</a>
1.A.3.b ii	0,0330	0,0326	-0,0004	-1,10%	<a href="#">here</a>
1.A.3.b iii	0,524	0,523	-0,001	-0,15%	<a href="#">here</a>
1.A.3.b iv	0,00293	0,00290	-0,00003	-1,10%	<a href="#">here</a>
1.A.3.c	0,008	0,009	0,001	12,76%	<a href="#">here</a>
1.A.3.d ii	0,0176	0,0170	-0,0006	-3,47%	<a href="#">here</a>
1.A.4.a i	1,1184	1,1183	-0,0001	-0,01%	<a href="#">here</a>
1.A.4.a ii	0,00490	0,00491	0,00001	0,18%	<a href="#">here</a>
1.A.4.b i	8,34	8,35	0,01	0,08%	<a href="#">here</a>
1.A.4.b ii	0,00038	0,00040	0,00002	4,50%	<a href="#">here</a>
1.A.4.c ii	0,0456	0,0457	0,0001	0,17%	<a href="#">here</a>
1.A.4.c iii	0,00041	0,00026	-0,00015	-37,07%	<a href="#">here</a>
1.A.5.a	0,0055	0,0086	0,0031	56,28%	<a href="#">here</a>
1.A.5.b	0,0009	0,0006	-0,0003	-35,12%	<a href="#">here</a>
1.B.1.b	0,024	0,028	0,004	15,30%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>0,03</b>	<b>0,03</b>	<b>0,00</b>	<b>0,00%</b>	
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0,1575</b>	<b>0,1598</b>	<b>0,0023</b>	<b>1,44%</b>	<b>sub-category chapters</b>
5.C.2	0,1575	0,1598	0,0023	1,44%	<a href="#">here</a>

	<b>Submission 2021</b>	<b>Submission 2022</b>	<b>Difference</b>		<b>Reasoning</b>
<b>NFR Sector</b>	<b>[t]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>10,69</b>	<b>10,70</b>	<b>0,01</b>	<b>0,14%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>10,50</b>	<b>10,51</b>	<b>0,01</b>	<b>0,12%</b>	<b>sub-category chapters</b>
<b>NFR 6 - Other</b>	<b>NA</b>				