

# Recalculations - Benzo[k]Fluoranthene

The marginally small changes within the **National Total** reported for **1990 (-0.012 t or -0.08 %)** result almost entirely from **revisions in NFR sub-categories 1.A.3.b i, 1.A.3.b ii and 1.A.3.b iii** together with much less significant changes throughout NFR 1.

However, the most significant percental change occurs for **NFR 1.A.3.b ii with plus 27 %**.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2022	Submission 2023	Difference		Reasoning
	[t]			relative	
<b>NATIONAL TOTAL</b>	<b>16,27</b>	<b>16,26</b>	<b>-0,012</b>	<b>-0,08%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>16,01</b>	<b>16,00</b>	<b>-0,012</b>	<b>-0,08%</b>	sub-category chapters
1.A.2.g vii	0,0386	0,0387	0,0001	0,17%	<a href="#">here</a>
1.A.3.b i	0,1837	0,1872	0,0035	1,90%	<a href="#">here</a>
1.A.3.b ii	0,0071	0,0091	0,0019	26,89%	<a href="#">here</a>
1.A.3.b iii	0,3676	0,3497	-0,0179	-4,87%	<a href="#">here</a>
1.A.3.b iv	0,0034	0,0035	0,0001	2,99%	<a href="#">here</a>
1.A.4.a ii	0,00630	0,00629	-0,00001	-0,09%	<a href="#">here</a>
1.A.4.c ii	0,0451	0,0450	-0,0001	-0,14%	<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 changes in the **National Total** reported for **2020 (-0.5 t and -2.26 %)** result from a **variety of revisions throughout NFRs 1 and 2**.

The significant percental change occurring in NFR 1.A.3.b iii results from a data error that will be corrected with the next annual submission.

Table 2: Changes of emission estimates 2020

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

	Submission 2021	Submission 2022	Difference		Reasoning
<b>NFR Sector</b>	<b>[t]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>10,69</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 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>NFR 6 - Other</b>	<b>NA</b>				