

# Recalculations - Benzo[a]Pyrene

The changes within the **National Total** reported for **1990 (-0.96 t or -3.42 %)** are dominated by a revision in **NFR 2.C.3 with -0.89 t** together with several more or less significant revisions throughout **NFRs 1 and 2**.

However, the most significant percental change occurs for **NFR 1.A.3.c with plus 257 %**.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2021	Submission 2022	Difference		Reasoning
	[t]			relative	
<b>NATIONAL TOTAL</b>	<b>27,94</b>	<b>26,98</b>	<b>-0,96</b>	<b>-3,42%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>25,40</b>	<b>25,46</b>	<b>0,06</b>	<b>0,25%</b>	sub-category chapters
1.A.3.a i(i)	0,000003	0,000002	-0,000001	-33,33%	<a href="#">here</a>
1.A.3.a ii(i)	0,00005	0,00003	-0,00002	-33,33%	<a href="#">here</a>
1.A.3.c	0,03	0,10	0,07	257%	<a href="#">here</a>
1.A.3.d ii	0,034	0,028	-0,006	-17,43%	<a href="#">here</a>
1.A.4.c iii	0,0005	0,0002	-0,0003	-53,84%	<a href="#">here</a>
1.A.5.b	0,0309	0,0306	-0,0003	-1,00%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>1,98</b>	<b>0,96</b>	<b>-1,02</b>	<b>-51,39%</b>	sub-category chapters
2.C.1	0,13	NE	-0,13	-100%	<a href="#">here</a>
2.C.3	1,79	0,90	-0,89	-49,74%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0,56</b>	<b>0,56</b>	<b>0,00</b>	<b>0,00%</b>	
<b>NFR 6 - Other</b>	<b>NA</b>				

The negligibly small changes within the **National Total** reported for **2019 (-0,01 t or -0.04 %)** result from a variety of revisions throughout **NFRs 1, 2 and 5**.

However, 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 of emission estimates 2019

NFR Sector	Submission 2021	Submission 2022	Difference		Reasoning
	[t]			relative	
<b>NATIONAL TOTAL</b>	<b>16,09</b>	<b>16,10</b>	<b>0,01</b>	<b>0,04%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>15,61</b>	<b>15,63</b>	<b>0,02</b>	<b>0,10%</b>	sub-category chapters
1.A.1.a	0,042	0,043	0,001	3,06%	<a href="#">here</a>
1.A.1.b	0,00313	0,00306	-0,00007	-2,15%	<a href="#">here</a>
1.A.1.c	0,0013	0,0010	-0,0003	-22,79%	<a href="#">here</a>
1.A.2.a	0,000116	0,000123	0,000006	5,54%	<a href="#">here</a>
1.A.2.g vii	0,035188	0,035193	0,000005	0,02%	<a href="#">here</a>
1.A.2.g viii	0,025	0,021	-0,004	-16,25%	<a href="#">here</a>
1.A.3.a i(i)	0,0000013	0,0000002	-0,0000011	-83,52%	<a href="#">here</a>
1.A.3.a ii(i)	0,000029	0,000005	-0,000024	-83,69%	<a href="#">here</a>
1.A.3.b i	0,4225	0,4230	0,0004	0,11%	<a href="#">here</a>
1.A.3.b ii	0,0597	0,0590	-0,0007	-1,10%	<a href="#">here</a>
1.A.3.b iii	0,0777	0,0776	-0,0001	-0,15%	<a href="#">here</a>
1.A.3.b iv	0,00362	0,00358	-0,00004	-1,10%	<a href="#">here</a>
1.A.3.c	0,007	0,008	0,001	13,34%	<a href="#">here</a>
1.A.3.d ii	0,0153	0,0148	-0,0005	-3,47%	<a href="#">here</a>
1.A.4.a i	1,7334	1,7333	-0,0001	-0,01%	<a href="#">here</a>
1.A.4.a ii	0,00428	0,00429	0,00001	0,18%	<a href="#">here</a>
1.A.4.b i	12,91	12,92	0,01	0,07%	<a href="#">here</a>
1.A.4.b ii	0,0039	0,0041	0,0002	4,50%	<a href="#">here</a>
1.A.4.c ii	0,041	0,041	0,00	0,10%	<a href="#">here</a>
1.A.4.c iii	0,00036	0,00022	-0,00013	-37,07%	<a href="#">here</a>

	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>16,09</b>	<b>16,10</b>	<b>0,01</b>	<b>0,04%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>15,61</b>	<b>15,63</b>	<b>0,02</b>	<b>0,10%</b>	<b>sub-category chapters</b>
1.A.5.a	0,009	0,013	0,005	56,31%	<a href="#">here</a>
1.A.5.b	0,0028	0,0025	-0,0003	-9,93%	<a href="#">here</a>
1.B.1.b	0,04	0,04	0,01	13,04%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>0,066</b>	<b>0,051</b>	<b>-0,015</b>	<b>-22,71%</b>	<b>sub-category chapters</b>
2.C.1	0,013	NE	-0,013	-100%	<a href="#">here</a>
2.C.3	0,003	0,001	-0,002	-69,43%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0,41</b>	<b>0,42</b>	<b>0,01</b>	<b>1,44%</b>	<b>sub-category chapters</b>
5.C.2	0,41	0,42	0,01	1,44%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>NA</b>				