

# Recalculations - Indeno[1,2,3-c,d]Pyrene

The marginally small changes within the **National Total** reported for **1990 (+0.006 t or +0.02 %)** 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]		absolute	relative	
<b>NATIONAL TOTAL</b>	<b>23,03</b>	<b>23,03</b>	<b>0,006</b>	<b>0,02%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>22,92</b>	<b>22,92</b>	<b>0,006</b>	<b>0,02%</b>	sub-category chapters
1.A.2.g vii	0,00913	0,00915	0,00002	0,17%	<a href="#">here</a>
1.A.3.b i	0,386	0,392	0,006	1,55%	<a href="#">here</a>
1.A.3.b ii	0,014	0,018	0,004	26,66%	<a href="#">here</a>
1.A.3.b iii	0,084	0,080	-0,004	-4,87%	<a href="#">here</a>
1.A.3.b iv	0,0051	0,0052	0,0002	2,99%	<a href="#">here</a>
1.A.4.a ii	0,001455	0,001454	-0,000001	-0,09%	<a href="#">here</a>
1.A.4.c ii	0,01092	0,01091	-0,00001	-0,13%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>0,07</b>	<b>0,07</b>	<b>0,00</b>	<b>0,00%</b>	
<b>NFR 3 - Agriculture</b>		<b>NA</b>			
<b>NFR 5 - Waste</b>	<b>0,04</b>	<b>0,04</b>	<b>0,000</b>	<b>0,00%</b>	
<b>NFR 6 - Other</b>		<b>NA</b>			

The changes in the **National Total** reported for **2020 (-0.42 t and -4.15 %)** 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]		absolute	relative	
<b>NATIONAL TOTAL</b>	<b>15,47</b>	<b>15,49</b>	<b>0,02</b>	<b>0,12%</b>	see description and reasoning in: sub-category chapters
<b>NFR 1 - Energy</b>	<b>15,40</b>	<b>15,41</b>	<b>0,02</b>	<b>0,11%</b>	sub-category chapters
1.A.2.g vii	0,009149	0,009153	0,000004	0,04%	<a href="#">here</a>
1.A.3.a i(i)	0,0000022	0,0000004	-0,0000018	-83,52%	<a href="#">here</a>
1.A.3.a ii(i)	0,00005	0,00001	-0,00004	-83,69%	<a href="#">here</a>
1.A.3.b i	0,4744	0,4749	0,0005	0,10%	<a href="#">here</a>
1.A.3.b ii	0,060	0,059	-0,001	-1,10%	<a href="#">here</a>
1.A.3.b iii	0,1203	0,1201	-0,0002	-0,15%	<a href="#">here</a>
1.A.3.b iv	0,00439	0,00434	-0,00005	-1,10%	<a href="#">here</a>
1.A.3.c	0,0019	0,0021	0,0002	12,76%	<a href="#">here</a>
1.A.3.d ii	0,0040	0,0039	-0,0001	-3,47%	<a href="#">here</a>
1.A.4.a ii	0,001140	0,001142	0,000002	0,18%	<a href="#">here</a>
1.A.4.b ii	0,00086	0,00090	0,00004	4,50%	<a href="#">here</a>
1.A.4.c ii	0,01080	0,01081	0,00001	0,11%	<a href="#">here</a>
1.A.4.c iii	0,00009	0,00006	-0,00003	-37,07%	<a href="#">here</a>
1.A.5.a	0,0085	0,0132	0,0048	56,30%	<a href="#">here</a>
1.A.5.b	0,00064	0,00057	-0,00007	-11,30%	<a href="#">here</a>
1.B.1.b	0,016	0,019	0,003	15,30%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>0,05</b>	<b>0,05</b>	<b>0,00</b>	<b>0,00%</b>	
<b>NFR 3 - Agriculture</b>		<b>NA</b>			
<b>NFR 5 - Waste</b>	<b>0,0284</b>	<b>0,0288</b>	<b>0,0004</b>	<b>1,44%</b>	sub-category chapters

	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>15,47</b>	<b>15,49</b>	<b>0,02</b>	<b>0,12%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>15,40</b>	<b>15,41</b>	<b>0,02</b>	<b>0,11%</b>	<b>sub-category chapters</b>
5.C.2	0,0283	0,0288	0,0004	1,44%	<a href="#">here</a>
<b>NFR 6 - Other</b>	<b>NA</b>				