

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

With no reportable changes within the **National Total** reported for **1990**, the only notable percental changes occur for NFRs **1.A.2.g vii with -2.15 %**, **1.A.4.a ii with -2.16 %** and **1.A.4.c ii with plus 1.24 %** with mutually canceling absolute changes.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2024	Submission 2025	Difference		Reasoning
	[t]			relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>23.03145</b>	<b>23.03148</b>	<b>0.00003</b>	<b>0.0001%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>22.92146</b>	<b>22.92149</b>	<b>0.00003</b>	<b>0.0001%</b>	<b>sub-category chapters</b>
1.A.2.g vii	0.0091	0.0065	-0.0026	-28.5%	<a href="#">here</a>
1.A.3.a i(i)	0.000003	0.000001	-0.000002	-62.4%	<a href="#">here</a>
1.A.3.a ii(i)	0.000050	0.000054	0.000004	7.61%	<a href="#">here</a>
1.A.3.c	0.00707	0.00710	0.00003	0.38%	<a href="#">here</a>
1.A.4.a ii	0.0015	0.0013	-0.0002	-12.6%	<a href="#">here</a>
1.A.4.c ii	0.011	0.014	0.003	25.6%	<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>0.00</b>	<b>0.00%</b>	
<b>NFR 6 - Other</b>		<b>NA</b>			

The changes in the **National Total** reported for **2021 (+0.115 t or +0.67 %)** result from a **variety of revisions throughout NFR 1**.

The significant percental change occurring in NFR 1.A.3.b iii (+130 %) results from a correction of erroneous data reported with the previous submission.

Table 2: Changes of emission estimates 2021

NFR Sector	Submission 2023	Submission 2024	Difference		Reasoning
	[t]			relative	see description and reasoning in:
<b>NATIONAL TOTAL</b>	<b>17.004</b>	<b>17.118</b>	<b>0.115</b>	<b>0.67%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>16.942</b>	<b>17.056</b>	<b>0.115</b>	<b>0.68%</b>	<b>sub-category chapters</b>
1.A.2.g vii	0.010	0.007	-0.003	-31.1%	<a href="#">here</a>
1.A.3.a i(i)	0.00000052	0.00000049	-0.00000003	-5.24%	<a href="#">here</a>
1.A.3.a ii(i)	0.000006531	0.000006536	0.000000005	0.07%	<a href="#">here</a>
1.A.3.b i	0.419	0.413	-0.006	-1.46%	<a href="#">here</a>
1.A.3.b ii	0.065	0.064	-0.001	-1.92%	<a href="#">here</a>
1.A.3.b iii	0.05	0.11	0.06	130%	<a href="#">here</a>
1.A.3.b iv	0.00408	0.00412	0.00004	1.02%	<a href="#">here</a>
1.A.3.b vi	0.017735	0.017758	0.000023	0.13%	<a href="#">here</a>
1.A.3.c	0.0021992	0.0022007	0.0000015	0.07%	<a href="#">here</a>
1.A.3.d ii	0.00356	0.00384	0.00028	7.86%	<a href="#">here</a>
1.A.4.a i	1.98	2.03	0.04	2.13%	<a href="#">here</a>
1.A.4.a ii	0.00114	0.00121	0.00007	5.93%	<a href="#">here</a>
1.A.4.b i	14.174	14.190	0.016	0.11%	<a href="#">here</a>
1.A.4.b ii	0.00066	0.00069	0.00003	4.60%	<a href="#">here</a>
1.A.4.c i	0.16082	0.16126	0.00044	0.27%	<a href="#">here</a>
1.A.4.c ii	0.012	0.015	0.003	29.15%	<a href="#">here</a>
1.A.5.a	0.02196	0.02197	0.00001	0.04%	<a href="#">here</a>
1.A.5.b	0.0004605	0.0004605	0.0000001	0.01%	<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>			

	Submission 2023	Submission 2024	Difference		Reasoning
<b>NFR Sector</b>		<b>[t]</b>		<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>17.004</b>	<b>17.118</b>	<b>0.115</b>	<b>0.67%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>16.942</b>	<b>17.056</b>	<b>0.115</b>	<b>0.68%</b>	<b>sub-category chapters</b>
<b>NFR 5 - Waste</b>	<b>0.01</b>	<b>0.01</b>	<b>0.00</b>	<b>0.00%</b>	
<b>NFR 6 - Other</b>		<b>NA</b>			