

pollutant-specific data:																									
	NOx	NM VOC	SOx	NH3	PM2.5	PM10	TSP	BC	CO	Pb	Cd	Hg	As	Cr	Cu	Ni	Se	Zn	PCDD/F	B[a]P	B[b]F	B[k]F	I[x]P	PAH1-4	HCB

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

The small changes within the **National Total** reported for **1990 (+0.19 t or +0.83 %)** result from a variety of revisions have been carried out throughout NFR 1 together with newly implemented emission estimates for **NFR sub-category 2.C.3, increasing the emissions from NFR 2 by nearly 160%**.

Table 1: Changes of emission estimates 1990

NFR Sector	Submission 2025	Submission 2026	Difference		Reasoning
	[t]			relative	
<b>NATIONAL TOTAL</b>	<b>23.03</b>	<b>23.22</b>	<b>0.19</b>	<b>0.83%</b>	<b>see description and reasoning in: sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>22.92</b>	<b>23.00</b>	<b>0.08</b>	<b>0.34%</b>	<b>sub-category chapters</b>
1.A.2.g vii	0.0064068	0.0064072	0.0000005	0.01%	<a href="#">here</a>
1.A.3.b i	0.39	0.50	0.11	28.12%	<a href="#">here</a>
1.A.3.b ii	0.018	0.025	0.007	40.18%	<a href="#">here</a>
1.A.3.b iii	0.08	0.06	-0.02	-28.84%	<a href="#">here</a>
1.A.3.b iv	0.0052	0.0050	-0.0002	-3.59%	<a href="#">here</a>
1.A.3.c	0.007	0.005	-0.002	-31.01%	<a href="#">here</a>
1.A.4.a ii	0.0012434	0.0012430	-0.0000003	-0.03%	<a href="#">here</a>
1.A.4.c ii	0.0138588	0.0138586	-0.0000001	-0.001%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>0.07</b>	<b>0.18</b>	<b>0.11</b>	<b>158%</b>	<b>sub-category chapters</b>
2.C.3	NE	0.11	0.11		<a href="#">here</a>
<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 significant changes within the **National Total** reported for **2022 (+1.28 t or +4.92 %)** are dominated by revisions in NFR sub-categories **1.A.4.b i with +1.39 t** and **1.A.4.a i with -0.11 t** together with a variety of small revisions throughout NFR 1.

However, the most significant percental change occurs in NFR **1.A.4.a ii with minus 16 %**.

Table 2: Changes of emission estimates 2023

NFR Sector	Submission 2025	Submission 2026	Difference		Reasoning
	[t]			relative	
<b>NATIONAL TOTAL</b>	<b>15.05</b>	<b>14.88</b>	<b>-0.17</b>	<b>-1.16%</b>	<b>see description and reasoning in: sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>14.98</b>	<b>14.81</b>	<b>-0.17</b>	<b>-1.16%</b>	<b>sub-category chapters</b>
1.A.2.g vii	0.0053	0.0066	0.0013	23.90%	<a href="#">here</a>
1.A.3.a i(i)	0.000000087	0.000000089	0.000000002	2.34%	<a href="#">here</a>
1.A.3.a ii(i)	0.0000044	0.0000045	0.0000001	2.34%	<a href="#">here</a>
1.A.3.b i	0.43	0.52	0.09	20.63%	<a href="#">here</a>
1.A.3.b ii	0.06	0.04	-0.03	-40.83%	<a href="#">here</a>
1.A.3.b iii	0.10	0.09	-0.01	-11.46%	<a href="#">here</a>
1.A.3.b iv	0.0039	0.0037	-0.0002	-5.22%	<a href="#">here</a>
1.A.3.b vi	0.019	NE	-0.019	-100%	<a href="#">here</a>
1.A.3.c	0.0020	0.0014	-0.0006	-31.02%	<a href="#">here</a>
1.A.3.d ii	0.00332	0.00324	-0.00008	-2.49%	<a href="#">here</a>
1.A.4.a i	2.22	2.05	-0.16	-7.41%	<a href="#">here</a>
1.A.4.a ii	0.0008	0.0011	0.0003	37.73%	<a href="#">here</a>
1.A.4.b i	11.947	11.905	-0.04	-0.35%	<a href="#">here</a>
1.A.4.b ii	0.00072	0.00069	-0.00003	-4.82%	<a href="#">here</a>

	Submission 2025	Submission 2026	Difference		Reasoning
<b>NFR Sector</b>	<b>[t]</b>			<b>relative</b>	<b>see description and reasoning in:</b>
<b>NATIONAL TOTAL</b>	<b>15.05</b>	<b>14.88</b>	<b>-0.17</b>	<b>-1.16%</b>	<b>sub-category chapters</b>
<b>NFR 1 - Energy</b>	<b>14.98</b>	<b>14.81</b>	<b>-0.17</b>	<b>-1.16%</b>	<b>sub-category chapters</b>
1.A.4.c ii	0.016	0.014	-0.002	-12.85%	<a href="#">here</a>
1.A.5.a	0.018	0.020	0.002	9.39%	<a href="#">here</a>
1.A.5.b	0.00053	0.00052	-0.00001	-1.54%	<a href="#">here</a>
1.B.1.b	0.017199	0.017200	0.000001	0.01%	<a href="#">here</a>
<b>NFR 2 - IPPU</b>	<b>0.04169268</b>	<b>0.04174068</b>	<b>0.00004800</b>	<b>0.12%</b>	<b>sub-category chapters</b>
2.C.3	NE	<u>0.0000417</u>	0.0000417		<a href="#">here</a>
2.G	0.04169268	0.04169897	0.00000629	0.02%	<a href="#">here</a>
<b>NFR 3 - Agriculture</b>	<b>NA</b>				
<b>NFR 5 - Waste</b>	<b>0.03</b>	<b>0.03</b>	<b>0.00</b>	<b>0.00%</b>	
<b>NFR 6 - Other</b>	<b>NA</b>				