



## **KEY GHG DATA**

Greenhouse Gas Emissions Data for 1990 – 2003 submitted to the  
**United Nations Framework Convention on Climate Change**

### **CORRIGENDUM**

12 January 2006

## Corrections for paragraphs 11, 12, 14 (page 14)\*

11. From 1990 to 2003, GHG emissions (without considering emissions/removals from the LULUCF sector) from Annex I Parties taken together decreased by 5.9 per cent, from 18.4 billion tonnes CO<sub>2</sub> equivalent in 1990 to 17.3 billion tonnes CO<sub>2</sub> equivalent in 2003 (see figures II-1, II-2). For GHG emissions (with LULUCF) the corresponding change is a decrease by 7.4 per cent, from 17.0 billion tonnes CO<sub>2</sub> equivalent in 1990 to 15.7 billion tonnes CO<sub>2</sub> equivalent in 2003 (figures II-3, II-4).

12. For Annex I Parties with economies in transition (EIT Parties), GHG emissions (without LULUCF) decreased from 5.7 billion tonnes CO<sub>2</sub> equivalent in 1990 to 3.4 billion tonnes CO<sub>2</sub> equivalent in 2003 – a decrease by 39.6 per cent (46.8 per cent for GHG emissions with LULUCF). For the non-EIT Annex I Parties, GHG emissions (without LULUCF) increased from 12.7 billion tonnes CO<sub>2</sub> equivalent in 1990 to 13.9 billion tonnes CO<sub>2</sub> equivalent in 2003 – an increase by 9.2 per cent (12.4 per cent for GHG emissions with LULUCF).

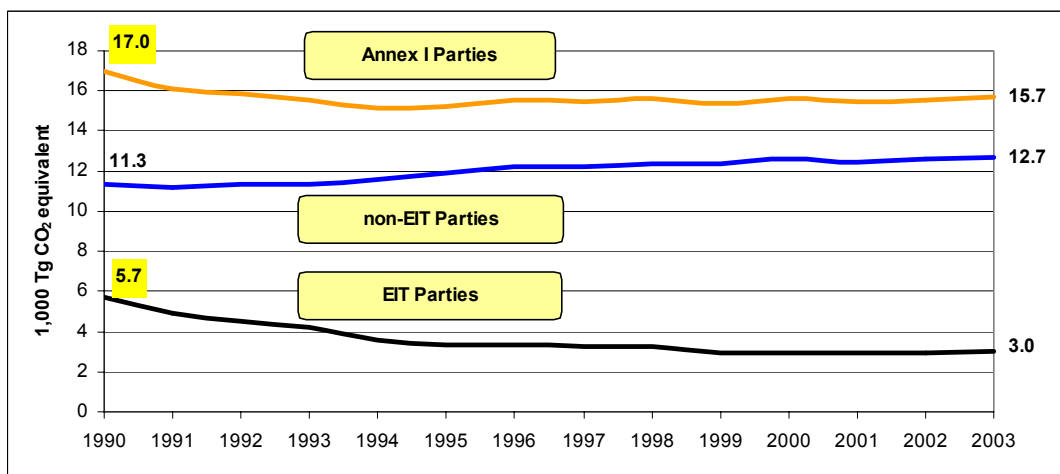
14. The share of EIT Parties in the total GHG emissions (without LULUCF) from Annex I Parties changed from 30.9 per cent in 1990 to 19.9 per cent in 2003 (table II-2); for GHG emissions (with LULUCF) the corresponding change was from 33.4 to 19.2 per cent (table II-3). Changes in the shares of individual Parties can be found in tables II-2, II-3.

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\* Here and further on in this document, the corrections are highlighted in yellow.

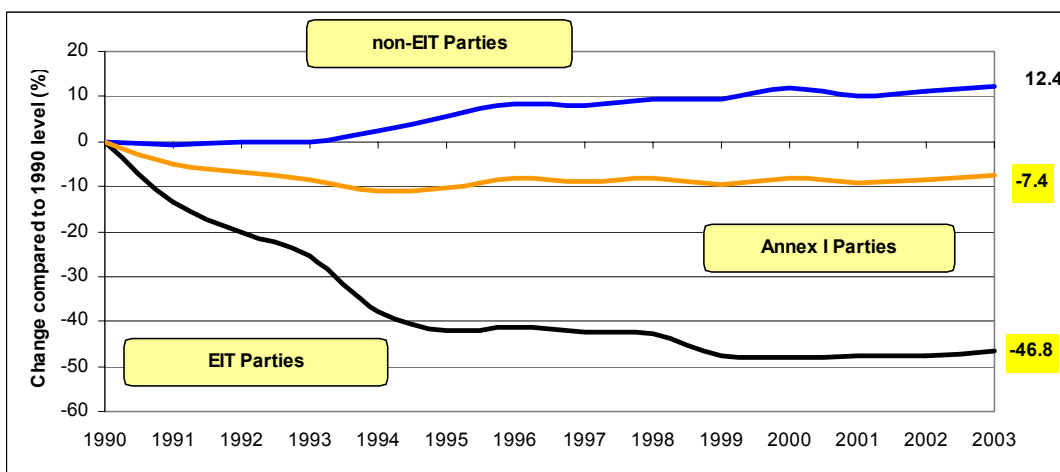
**Corrections for figures II-3, II-4 (page 19)**

**Figure II-3. GHG emissions (with LULUCF) from Annex I, EIT and non-EIT Parties, 1990–2003**



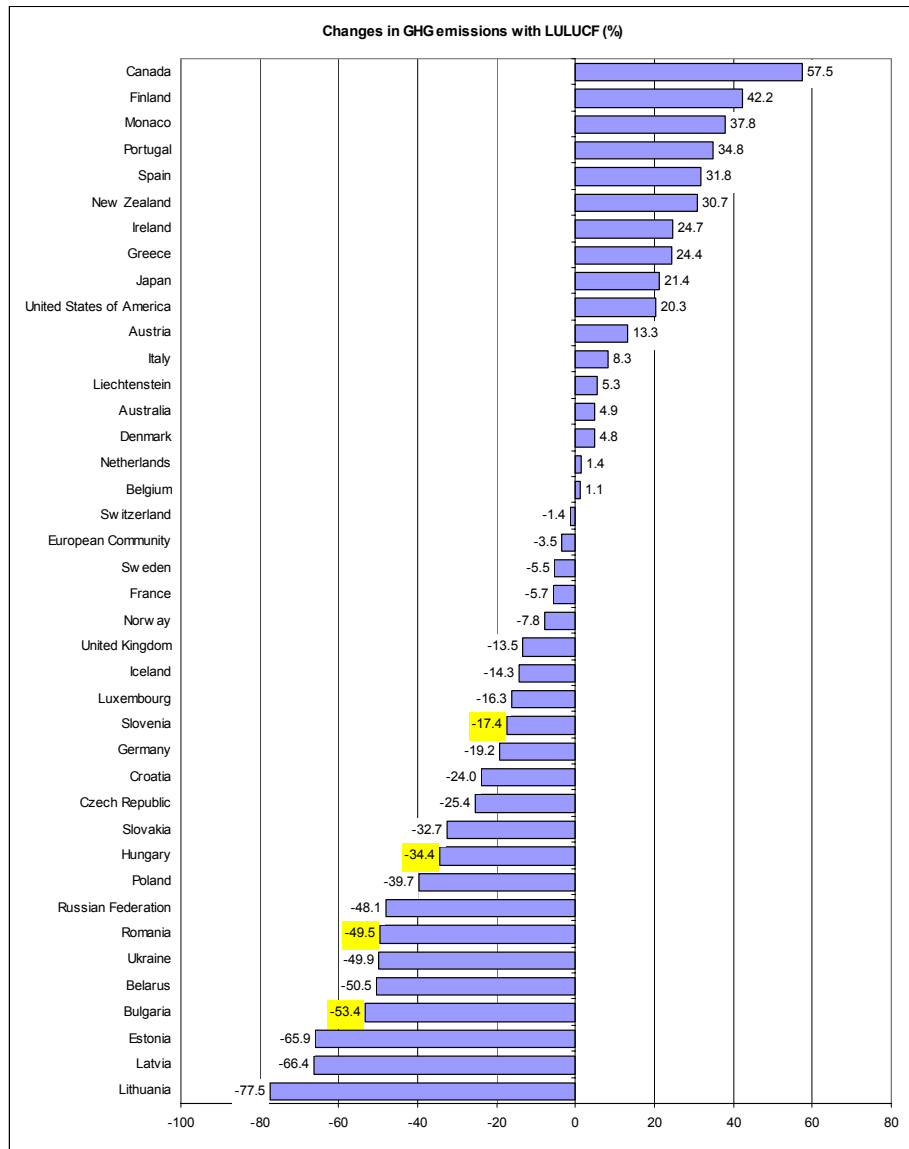
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
EIT Parties	5.68	4.91	4.53	4.22	3.54	3.29	3.33	3.27	3.25	2.96	2.95	2.97	2.96	3.02
Non-EIT Parties	11.31	11.21	11.30	11.30	11.57	11.92	12.24	12.23	12.36	12.39	12.64	12.47	12.58	12.71
Annex I Parties	16.98	16.12	15.83	15.53	15.11	15.22	15.58	15.49	15.61	15.35	15.59	15.44	15.55	15.73

**Figure II-4. Changes in GHG emissions (with LULUCF) from Annex I, EIT and non-EIT Parties, 1990–2003**



	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
EIT Parties	0.0	-13.4	-20.2	-25.6	-37.7	-42.0	-41.3	-42.5	-42.8	-47.8	-48.1	-47.7	-47.8	-46.8
Non-EIT Parties	0.0	-0.9	-0.1	0.0	2.4	5.4	8.3	8.1	9.3	9.6	11.8	10.3	11.3	12.4
Annex I Parties	0.0	-5.1	-6.8	-8.6	-11.0	-10.4	-8.3	-8.8	-8.1	-9.6	-8.2	-9.1	-8.5	-7.4

Figure II-5. Changes in GHG emissions from Annex I Parties, 1990–2003



## Corrections for table II-3 (page 22)

**Table II-3. Shares of individual Parties in GHG emissions (with LULUCF) from Annex I Parties, 1990 and 2003**

Party	Total GHG emissions with LULUCF (Tg CO <sub>2</sub> equivalent)		Share in GHG total for all Annex I Parties (%)	
	1990	2003	1990	2003
Australia	524.54	550.08	3.09	3.50
Austria	69.56	78.79	0.41	0.50
Belarus	112.50	55.64	0.66	0.35
Belgium	142.56	144.19	0.84	0.92
Bulgaria	133.24	62.11	0.78	0.39
Canada	442.03	696.26	2.60	4.43
Croatia	19.08	14.49	0.11	0.09
Czech Republic	189.89	141.64	1.12	0.90
Denmark	70.86	74.28	0.42	0.47
Estonia	37.17	12.67	0.22	0.08
Finland	47.67	67.78	0.28	0.43
France	534.84	504.60	3.15	3.21
Germany	1214.75	981.82	7.15	6.24
Greece	106.22	132.11	0.63	0.84
Hungary	120.88	79.28	0.71	0.50
Iceland	3.27	2.80	0.02	0.02
Ireland	53.39	66.57	0.31	0.42
Italy	450.49	487.93	2.65	3.10
Japan	1103.40	1339.13	6.50	8.51
Latvia	6.96	2.34	0.04	0.01
Liechtenstein	0.250	0.264	0.001	0.002
Lithuania	45.45	10.21	0.27	0.06
Luxembourg	13.15	11.00	0.08	0.07
Monaco	0.096	0.133	0.001	0.001
Netherlands	214.60	217.58	1.26	1.38
New Zealand	40.15	52.48	0.24	0.33
Norway	36.71	33.84	0.22	0.22
Poland	529.67	319.54	3.12	2.03
Portugal	65.43	88.23	0.39	0.56
Romania	249.41	126.02	1.47	0.80
Russian Federation	3204.95	1664.26	18.87	10.58
Slovakia	69.70	46.89	0.41	0.30
Slovenia	17.23	14.24	0.10	0.09
Spain	274.82	362.17	1.62	2.30
Sweden	51.92	49.06	0.31	0.31
Switzerland	51.17	50.47	0.30	0.32
Ukraine	939.96	471.31	5.53	3.00
United Kingdom of Great Britain and Northern Ireland	750.64	649.57	4.42	4.13
United States of America	5046.06	6072.18	29.71	38.59
European Community	4014.58	3872.96	23.64	24.62
<b>EIT total</b>	<b>5,676.11</b>	<b>3,020.66</b>	<b>33.4</b>	<b>19.2</b>
<b>Non-EIT total</b>	<b>11,308.58</b>	<b>12,713.30</b>	<b>66.6</b>	<b>80.8</b>
<b>Annex I total</b>	<b>16,984.69</b>	<b>15,733.96</b>	<b>100.0</b>	<b>100.0</b>

*Note 4:* for Japan, the 2003 total is calculated without LULUCF because LULUCF data for that year were not available at the time of the preparation of this document.

### Corrections for table II-7 (page 26)

Table II-7. GHG emissions (with LULUCF) from Annex I Parties, 1990–2003

Party	Total GHG emissions with LULUCF (Tg CO <sub>2</sub> equivalent)													
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Bulgaria <sup>a</sup>	133.24	89.29	79.88	79.84	76.63	79.74	77.91	73.84	64.45	58.63	56.72	56.97	55.22	62.11
Hungary <sup>a</sup>	120.88	93.86	82.94	81.67	79.52	78.24	81.21	79.06	79.11	78.99	76.67	79.26	78.44	79.28
Romania	249.41	163.62	155.77	153.73	147.46	155.16	160.60	142.09	121.51	105.91	108.59	111.14	118.48	126.02
Slovenia <sup>a</sup>	17.23	12.60	12.36	12.54	12.36	12.92	13.73	14.16	13.90	13.27	13.42	14.34	14.49	14.24

### Corrections for table II-8 (page 27)

Table II-8. Changes in GHG emissions (with LULUCF) from Annex I Parties, 1990–2003

Party	Change compared to the 1990 level (%)													
	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	
Bulgaria <sup>a</sup>	-33.0	-40.1	-40.1	-42.5	-40.2	-41.5	-44.6	-51.6	-56.0	-57.4	-57.2	-58.6	-53.4	
Hungary <sup>a</sup>	-22.4	-31.4	-32.4	-34.2	-35.3	-32.8	-34.6	-34.6	-34.7	-36.6	-34.4	-35.1	-34.4	
Romania	-34.4	-37.5	-38.4	-40.9	-37.8	-35.6	-43.0	-51.3	-57.5	-56.5	-55.4	-52.5	-49.5	
Slovenia <sup>a</sup>	-26.9	-28.3	-27.2	-28.3	-25.0	-20.3	-17.8	-19.4	-23.0	-22.1	-16.8	-15.9	-17.4	

### Correction for figure II-17 (page 45)

The GHG total for the LULUCF sector in 2003 should read “-1.1” and not “-1.6” 1,000 Tg CO<sub>2</sub> equivalent.

### Corrections for figures II-25 (Belgium), II-32 (European Community), II-35 (Germany), II-36 (Greece), II-37 (Hungary), II-39 (Ireland), II-52 (Romania)

For these figures, in the graph for GHG emissions the black line shows changes in GHG total without LULUCF and the blue line shows changes in GHG total with LULUCF.

### Corrections for figures II-35 (Germany), II-36 (Greece), II-37 (Hungary), II-39 (Ireland)

For these figures, in the graph for changes in GHG emissions, the black line shows changes in GHG total without LULUCF and the blue line shows changes in GHG total with LULUCF.