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Item 3 (d) of the provisional agenda

Methodological issues

Issues relating to greenhouse gas inventories

## Estimation of emissions and removals in land-use change and forestry and issues relating to projections

Note by the secretariat

Corrigendum

Page 8, paragraph 21, first sentence

Replace existing text with

21. Net anthropogenic CO<sub>2</sub> removals from the LUCF sector in Annex I Parties for 1990 were 1,403,065 gigagrams of CO<sub>2</sub> (8 per cent of the total GHG emissions excluding LUCF). For 2001, net CO<sub>2</sub> removals from the LUCF sector were 1,226,301 gigagrams of CO<sub>2</sub>.

Pages 8 and 9

Replace table 1 by the table appearing on page 3 of this corrigendum.

Page 19, paragraph 58, first sentence

Replace existing text with

58. Reported net CO<sub>2</sub> removals due to abandonment of managed lands in Annex I Parties were negligible – only 16,247 gigagrams of CO<sub>2</sub> in 1990 and 5,489 gigagrams of CO<sub>2</sub> in 2001, representing about 1 per cent and 0.5 per cent, respectively, of total removals from the entire LUCF sector.

Page 20, paragraph 61

Replace existing text with

61. The share of reported net CO<sub>2</sub> removals from the inventory category 5.D (CO<sub>2</sub> emissions and removals from soils) in Annex I Parties was 214,490 gigagrams of CO<sub>2</sub> in 1990 and 21,039 gigagrams of CO<sub>2</sub> in 2001, representing about 15 per cent and 2 per cent, respectively, of total removals from the entire LUCF sector. Eighteen Parties in 1990 and 19 Parties in 2001 reported CO<sub>2</sub> emissions and removals from soils.

Page 34, Annex II

Replace the table by the table appearing on page 4 of this corrigendum.

Page 35, Annex III

Replace the table by the table appearing on page 5 of this corrigendum.

**Table 1. Anthropogenic CO<sub>2</sub> emissions and removals from LUCF in Annex I Parties**

Party	Total anthropogenic CO <sub>2</sub> -equivalent emissions in 1990 (or in base year excluding LUCF)	CO <sub>2</sub> emissions and removals from LUCF (Gg)					
		1990	1997	1998	1999	2000	2001
Australia	425 175	85 370	30 319	38 275	25 446	16 542	7 320
Austria	78 073	-9 215	-7 633	-7 633	-7 633	-7 633	-7 633
Belarus	133 555	-12 720	-18 310	-18 520	-19 298	-18 981	-16 882
Belgium	141 125	-1 600	-1 867	-1 845	-1 823	-1 822	-1 814
Bulgaria <sup>a</sup>	144 398	-4 657	-5 852	-6 233	-6 608	-8 976	-9 467
Canada	607 589	-106 988	-49 143	-34 584	-29 496	-53 343	-36 378
Croatia	31 944	-6 505					
Czech Republic	192 019	-2 128	-4 639	-3 757	-3 401	-4 016	-4 363
Denmark	69 217	-3 118	-3 142	-3 152	-3 161	-3 517	-3 531
Estonia	43 494	-6 320	-9 107	-8 522	-8 107	-8 365	-739
Finland	77 233	-20,590	-12 637	-9 713	-10 821	-11 953	-14 905
France	568 152	-55 702	-68 158	-67 680	-69 345	-63 096	-66 370
Germany	1 213 520	-33 689	-33 400	-33 400	-33 400	-23 695	-23 695
Greece	104 895	1 441	-400	2 538	66	3 840	-1 328
Hungary <sup>b</sup>	101 633	-1 348	-4 205	-4 411	-4 500	-4 377	-4 542
Iceland	2 838	-5	-80	-94	-112	-131	-145
Ireland	53 239	-66	-31	-161	-122	-47	-629
Italy	508 629	-23 532	-17 764	-17 426	-17 712	-15 633	-18 655
Japan	1 187 108	-83 903					
Latvia	29 181	-18 948	-11 152	-9 332	-8 208	-8 222	-9 256
Liechtenstein	218						
Lithuania	50 933	-8 848		-9 593			
Luxembourg	13 448	-295			-295	-295	-295
Monaco	100						
Netherlands	210 004	-1 422	-1 180	-1 380	-1 236	-1 413	-1 413
New Zealand	61 754	-21 769	-17 363	-20 288	-22 033	-23 706	-23 859
Norway	52 013	-9,549	-16 499	-17 588	-17 767	-18 743	-18 855
Poland <sup>c</sup>	564 419	-34 746	-40 521	-29 821	-43 464	-43 094	-53 639
Portugal	61 441	-3	-2 179	-2 258	-2 359	-2 152	-2 152
Romania <sup>d</sup>	264 281	-2 925	-7 713	-10 069	-8 946	-8 174	-9 031
Russian Federation	3 050 000	154 947	-131 557	-29 27	-211 742		
Slovakia	72 181	-2 427	-1 411	-1 936	-1 651	-2 443	-5 264
Slovenia <sup>e</sup>	20 206	-2950					
Spain	287 609	-29 252	-29 252	-29 252	-29 252	-29 252	-29 252
Sweden	72 756	-20 292	-27 288	-24 331	-27 305	-27 306	-33 083
Switzerland	53 056	-3 188	-4 637	-4 571	-4 226	-1 821	-1 529
Ukraine	919 189	-52 107	-68 806	-68 708			
United Kingdom	744 139	8 791	4 773	5 027	4 856	3 380	3 220
United States	6 139 636	-1 072 807	-840 622	-830 478	-841 054	-834 637	-838 137
<b>Total</b>	<b>18 350 400</b>	<b>-1,403,065</b>	<b>-1 401 456</b>	<b>-1 233 823</b>	<b>-1 404 709</b>	<b>-1 203 081</b>	<b>-1 226 301</b>
European Community	4 199 608	-191 943	-200 325	-191 082	-199 413	-180 560	-203 481

Note: - net removals, + net emissions

<sup>a</sup> In accordance with decision 9/CP.2, Bulgaria uses 1988 as a base year.

<sup>b</sup> Hungary uses the average of the years 1985 to 1987 as a base year.

<sup>c</sup> Poland uses 1988 as a base year.

<sup>d</sup> Romania uses 1989 as a base year.

<sup>e</sup> Slovenia uses 1986 as a base year.

## Annex II

### Anthropogenic CO<sub>2</sub> emissions and removals from LUCF in Annex I Parties, 1990 or base year (gigagrams)

Party	Changes in forest and other woody biomass stocks	Forest and grassland conversion	Abandonment of managed lands	CO <sub>2</sub> emissions and removals from soils	Other	Total
Australia	-24 598	114 192		-4 224		85 370
Austria	-9 215					-9 215
Belarus	-35 095	8 412	1 348	2 517	10 098	-12 720
Belgium	-1 600					-1 600
Bulgaria	-4 657					-4 657
Canada	-108 687	1 419	-3 245	3 525		-106 988
Croatia	-6 505					-6 505
Czech Republic	-2 128					-2 128
Denmark	-3 118					-3 118
Estonia	-7 463	75	-1 985	3 053		-6 320
Finland	-23 798			3,208		-20 590
France	-68 079	8 753	-48	3 672		-55 702
Germany	-33 689					-33 689
Greece	18	1 423				1 441
Hungary	-3 906	1 764		794		-1 348
Iceland	-2				-3	-5
Ireland	-450			384		-66
Italy	-28 605		-102	5 175		-23 532
Japan	-84 482	579				-83 903
Latvia	-19 714	631		134		-18 948
Liechtenstein						
Lithuania	-10 375	2 803	-1 276			-8 848
Luxembourg	-295					-295
Monaco						
Netherlands	-1 422					-1 422
New Zealand	-22 985	870		346		-21 769
Norway	-9 765			217		-9 549
Poland	-24 990	959	-10 715			-34 746
Portugal	-3					-3
Romania	-2 925					-2 925
Russian Federation	154 947					154 947
Slovakia	-1 753	141		-815		-2 427
Slovenia	-1 632		-224	-1 094		-2 950
Spain	-29 252					-29 252
Sweden	-24 100			3 808		-20 292
Switzerland	-3 188					-3 188
Ukraine						-52 107
United Kingdom	-7 304			16 404	-308	8 791
United States	-803 000			-251 594	-18 213	-1 072 807
<b>Total</b>	<b>-1 253 815</b>	<b>142 021</b>	<b>-16 247</b>	<b>-214 490</b>	<b>-8 426</b>	<b>-1 403 065</b>
European Community	-231 103	10 176	-150	29 442	-308	-191 943

Annex III**Anthropogenic CO<sub>2</sub> emissions and removals from LUCF in  
Annex I Parties, 2001 (gigagrams)**

<b>Party</b>	<b>Changes in forest and other woody biomass stocks</b>	<b>Forest and grassland conversion</b>	<b>Abandonment of managed lands</b>	<b>CO<sub>2</sub> emissions and removals from soils</b>	<b>Other</b>	<b>Total</b>
Australia	-22 669	34 213		-4 224		7 320
Austria	-7 633					-7 633
Belarus	-35 795	5 268	886	780	11 979	-16 882
Belgium	-1 814					-1 814
Bulgaria	-9 467					-9 467
Canada	-39 271	3 762	-3 300	2 431		-36 378
Czech Republic	-4 363					-4 363
Denmark	-3 531					-3 531
Estonia	2 095		-2 835	0.99		-739
Finland	-16 851			1 946		-14 905
France	-79 309	9 881	-48	3 106		-66 370
Germany	-23 695					-23 695
Greece	-1 796	637		-169		-1 328
Hungary	-6 264	1 426		296		-4 542
Iceland	-43				-102	-145
Ireland	-1 007			378		-629
Italy	-27 113		-154	8 612		-18 655
Japan	-141					-141
Latvia	-10 368	1 059	-38	91		-9 256
Luxembourg	-295					-295
Netherlands	-1 413					-1 413
New Zealand	-26 149	1 549		741		-23 859
Norway	-18 968			113		-18 855
Poland	-48 260	58		-5 437		-53 639
Portugal	-2 152					-2 152
Romania	-10 014	982				-9 031
Slovakia	-4 760	115		-619		-5 264
Spain	-29 252					-29 252
Sweden	-33 220			137		-33 083
Switzerland	-1 529					-1 529
United Kingdom	-8 144			11 609	-245	3 220
United States	-792 000			-40 831	-5 306	-838 137
<b>Total</b>	<b>-1 265 191</b>	<b>58 950</b>	<b>-5489</b>	<b>-21 039</b>	<b>6 326</b>	<b>-1 226 301</b>
European Community	-237 225	10 518	-202	23 673	-245	-203 481

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