



Distr.  
LIMITED

FCCC/SBSTA/2002/L.5/Add.1  
12 June 2002



ARABIC  
Original: ENGLISH

2002 / 14-5  
( )4

(5- /6 5- /3 )

—

\_\_\_\_\_

:

8- /-

:

12 2-10 4

1- /3

2- /9

1- /4

4- /11

:

5- /3

:

:

5- /3

-1

:

-2

/ 15

2004

-3

2003 / 15

5- /3

- 2003 / -

-4

2004 / 15

-5

-6

-7

.2006

—

:

— -

-1

:

(1)

( )

12 4

7 5 3

( )

( )

— -

-2

-3

9

-4

:

16 15

(2)

(3)

1996

/

/

(4)

\_\_\_\_\_ -

-6

4- /11

-7

4- /11

\_\_\_\_\_ -

6-4

-8

1990

4- /11 2- /9

:

1990

1988

:

1987 1985

:

1988

:

1989

:

1986

:

\_\_\_\_\_ -

\_\_\_\_\_ -9

.  
-10  
( )

-11

13

/

-12

---

-13

2 1

---

-14

1

2

.1

---

-15

.

/

-16

9

.12



( )

)

/

/

/

-17

<sup>(5)</sup>(1

(2 )

/

2

(1

)

-

-1

( )1-12

-18

(N<sub>2</sub>O)

(CH<sub>4</sub>)

(CO<sub>2</sub>)

:

(HFCs)

(PFCs)

(SF<sub>6</sub>)

100

:

(NMVOCs)

(NO<sub>x</sub>)

(CO)

(SO<sub>x</sub>)

-19

.  
.27

3- /2

-20

(6)

1995

1

1

1

3- /2

-21

( 134 - )

3

8

-22

1995

3

8 7

1990

-23

-24

-25

-26

/

-27

—  
-28

(7)

( ) "NO" ( )  
/  
"NE" ( ) "NE" ( )  
"NE" .  
"NE" .

(8)

/ ( ) "NA" ( )  
.  
"NA"  
( ) "IE" ( )  
"IE" . /

27

( ) "C" ( )

-29

/

---

-30



41  
-35

47

/  
-----  
-36

/

/

(9)  
-----  
-37

----- -2

-38

(10)

-39

. 38

-40

:

-41

()

)

(

: <sup>(11)</sup>30

()

`1`

`2`

`3`

()

:

`1`

`2`

( : - 4 )

: - 5 )

(

`3`

`4`

( )

(12)

( )

32

( )

( )

35 33

( )

( )

/

/

/

36

( )

-42

( ) ( )



-43

41

-3

-44

-45

-46

-47

( )

(13)

( )

:

1-1

`1`

(14)

`2`

( )

-48

47

:

( )

( )

( )

( )

-49

.( ) "NA"

28

-50

\_\_\_\_\_ -

-51

" "

/

\_\_\_\_\_ -

-52

\_\_\_\_\_ -

-53

(15)1995

:1

100

<b>1995</b>		
1	CO <sub>2</sub>	Carbon dioxide
21	CH <sub>4</sub>	Methane
310	N <sub>2</sub> O	Nitrous oxide
Hydrofluorocarbons (HFCs)		
11 700	CHF <sub>3</sub>	HFC-23
650	CH <sub>2</sub> F <sub>2</sub>	HFC-32
150	CH <sub>3</sub> F	HFC-41
1 300	C <sub>5</sub> H <sub>2</sub> F <sub>10</sub>	HFC-43-10mee
2 800	C <sub>2</sub> HF <sub>5</sub>	HFC-125
1 000	C <sub>2</sub> H <sub>2</sub> F <sub>4</sub> (CHF <sub>2</sub> CHF <sub>2</sub> )	HFC-134
1 300	C <sub>2</sub> H <sub>2</sub> F <sub>4</sub> (CH <sub>2</sub> FCF <sub>3</sub> )	HFC-134a
140	C <sub>2</sub> H <sub>4</sub> F <sub>2</sub> (CH <sub>3</sub> CHF <sub>2</sub> )	HFC-152a
300	C <sub>2</sub> H <sub>3</sub> F <sub>3</sub> (CHF <sub>2</sub> CH <sub>2</sub> F)	HFC-143
3 800	C <sub>2</sub> H <sub>3</sub> F <sub>3</sub> (CF <sub>3</sub> CH <sub>3</sub> )	HFC-143a
2 900	C <sub>3</sub> HF <sub>7</sub>	HFC-227ea
6 300	C <sub>3</sub> H <sub>2</sub> F <sub>6</sub>	HFC-236fa
560	C <sub>3</sub> H <sub>3</sub> F <sub>5</sub>	HFC-245ca
Perfluorocarbons		
6 500	CF <sub>4</sub>	Perfluoromethane
9 200	C <sub>2</sub> F <sub>6</sub>	Perfluoroethane
7 000	C <sub>3</sub> F <sub>8</sub>	Perfluoropropane
7 000	C <sub>4</sub> F <sub>10</sub>	Perfluorobutane
8 700	c-C <sub>4</sub> F <sub>8</sub>	Perfluorocyclobutane
7 500	C <sub>5</sub> F <sub>12</sub>	Perfluoropentane
7 400	C <sub>6</sub> F <sub>14</sub>	Perfluorohexane
23 900	SF <sub>6</sub>	Sulphur hexafluoride

—

( )  
-1:  
(  
-2:  
-3:  
( ) -4:  
:1  
) 1-1  
(  
2-1  
( ) 3-1  
4-1  
5-1  
/ 6-1  
7-1  
( 5 ) 8-1



/ 4-2-3

5-2-3

) ( 6-2-3

/

( 1 ) :3

:

: ( -1)

- 
- 
- 
- 
- 

( - 1)

( 2 ) :4

( 3 ) :5

( 4 ) :6

( 5 ) :7

( 6 ) :8

( ) ( 7 ) :9

:10

1-10

2-10

3-10

)

4-10

(



:1

•

•

•

:2

)

:3

(

:4

( )

:5

( )

:6

( - ) -

:7

---

(16)

:

1.A(a)

.(

)

---

•

•

:

1.B.1

.( )

---

•

•

:

1.B.2

•

•

(17) •  
(17) •

2(1).A-G

:

" "

2(II)s2

•

/

(" " )

2(II).C-E

•

(2.C Metal production ) 1

2-E Production of halocarbons

) 2

(and SF<sub>6</sub>)

")

2(II).F

("

( )

2(II).F

) " " ) " " .( .( /

:

- 
- 
- 
- 
- 
- 

)

(

)

(

4.A  
)



.

:

4.A

.

---

.

---

4.B(b) 4.B(a)

:

.

.

.

:

4.C

---

/

.

:

4.D

---

•

)

(

•

(4.D Agricultural soils)

(

)

4.D

•

.

---

4.F 4.E

:

•

(

)

.

---

6.C 6.A

:

.  
:  
( )  
( )  
( )

•

•

•

•

•

: 6.B

6.B

•









*.FCCC/SBSTA/2002/2/Add.3*

:

(19) /

---

Table 1

*The wording of the third sentence of the footnote (1) would be replaced with:*

“Amounts of biomass used as fuel are included in the national energy consumption but the corresponding CO<sub>2</sub> emissions are not included in the national total as it is assumed that the biomass is produced in a sustainable manner. If the biomass is harvested at an unsustainable rate, net CO<sub>2</sub> emissions are accounted for as a loss of biomass stocks in the land-use change and forestry sector.”

Sheet 2: Footnote reference (1) in ‘5. Other’ will be removed.

Table 1.A (a)

Sheet 2: The text in the row below 'f. Other' will be placed in a footnote.

Sheet 3: 'Other fuels' in sheet 3 will be inserted for railways and navigation.

Table 1.A (c)

Table to be modified as follows: insert column in which Parties would enter data for energy consumption from the reference approach corrected for feedstocks and non-energy use of fuels, and a column to show the corresponding percentage differences in energy consumption from the two approaches.

Table 1.B.1

The heading under "emissions" currently reading "net emissions" will be modified to read "emissions".

Footnote (1): Deletion of the last word 'respectively'.

Footnote (3): The word "net" would be removed.

Table 1.B.2

Footnote (1): Unit 'bill\_ft^3\_yr' to be removed.

The cell for activity data for 1.B.2.b.v would be shaded (light shading indicating automated sum by software) in the same manner as the corresponding cells for emissions estimates.

Table 1.C

'Marine navigation' to be modified to read 'Marine bunkers'.

Additional information box: the word "allocation" to be replaced with "distribution".

Table 2(I)

Sheet 2, F.6, ODS will be spelled out to read "ozone-depleting substances" (alternatively it may be spelled out in a footnote depending on availability of space in the tables).

Table 2 (I).A-G

The columns related to emissions will have the following headings: "Emissions" and "Recovery".

Footnote (3): remove word "net".

Shadings of cells for CO<sub>2</sub> emissions from adipic acid production (chemical industry) and CH<sub>4</sub> emissions from steel (metal production) to be removed (and in any other related table).

Table 2(II)

The column headings 'Other HFCs' and 'Other PFCs' would be modified to read: 'Unspecified mix of listed HFCs' and 'Unspecified mix of listed PFCs', respectively.

Sheet 2: line 2(a) F.6: ODS will be spelled out to read "ozone-depleting substances" (alternatively it may be spelled out in a footnote depending on availability of space in the tables).

In sheet 2, the second note in the documentation box would be deleted.

Table 2(II).C, E

The columns related to emissions will have the following headings: "Emissions" and "Recovery".

Footnotes 2 and 3: word "net" removed.

Table 3

The note would be rephrased to say that NMVOC should be converted to CO<sub>2</sub> equivalent and added to the CO<sub>2</sub> column.

Table 4, sheet 2

Documentation box: the specific requirement to provide a reference to the NIR regarding background information on precursor gas estimates has been removed.

Table 4.A

Footnote (1) deleted; instead the text of footnote (1) to be included in the documentation box.

Table 4.C

Footnote (3) will be expanded to indicate that dry or wet weight should be specified in the documentation box.

Table 4.D

The activity “*Nitrogen fixed by N-fixing crops cultivated annually*” will be changed to “*Nitrogen fixed by N-fixing crops*”.

Additional information: footnote (a) to be redrafted: “Use the definitions for fractions as specified in the ....”.

Additional information: “Other (Please specify)” will be replaced with “Other fractions (please specify)”.

Table 6.A

The columns related to CH<sub>4</sub> emissions will have the following headings: “Emissions” and “Recovery”.

Summary 1.A

Sheet 2, footnote (4): “D. Agricultural Soils” to be replaced with “4.D Agricultural soils”, and “Land-Use Change and Forestry sector under D” to be replaced with “Land-use change and forestry sector under 5.D”.

Sheet 2, footnote (5): “uptake” to be replaced with “removals”.

Sheet 2: no separate columns under CO<sub>2</sub> emissions/removals for showing the footnotes will be shown (the footnotes will however be kept).

Sheet 3: *The wording of the third sentence of the footnote (8) would be replaced with:*

“Amounts of biomass used as fuel are included in the national energy consumption but the corresponding CO<sub>2</sub> emissions are not included in the national total as it is assumed that the biomass is produced in a sustainable manner. If the biomass is harvested at an unsustainable rate, net CO<sub>2</sub> emissions are accounted for as a loss of biomass stocks in the land-use change and forestry sector.”

Summary 1.B

Include or refer to footnote (8) as in Summary 1.A.

Summary 2

Include or refer to footnote (8) as in Summary 1.A.

Summary 3

Footnote (1): Notation “C” for CORINAIR to be replaced with “CR”.



( )

(4)

1-8

(5)

(6)

7

(7)

(8)

.NE

(9)

2-5

4- /11 2- /9  
1990

6-4

(10)

8

(11)

1-7

(12)

( )

(13)

.( )

(14)

(15)

(16)

(17)

1.B.2

(18)

:

(19)

Or base year other than 1990 for some EIT Parties, in accordance with decisions (20)

.9/CP.2 and 11/CP.4

- - - - -