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**Annex 11.5 Pan-Euro. C&I and MCPFE links with FRA: Mr. Michalak**

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**Annex 13.3 UNECE, Timber Committee: Mr. A. Korotkov**

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**Annex 13.5 Regional Office North East: Mr. H. A. Nour**

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## Annex 1: List of all participants in NC training



## International Tropical Timber Organization

**National Correspondents Training**

**Global Forest Resources Assessment, FAO**

**Rome, Italy, 17-21 November 2003**

**List of participants**

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Rome, Italie, 17-21 Novembre 2003  
Roma, Italia 17-21 de noviembre 2003**

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Composition des groupes  
Composición de grupos**

**GROUP WORK NUMBER ONE  
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12.	SEYCHELLES	Mr. Basile Esther
13.	ST. KITTS-NEVIS	Ms. Ilis Watts
14.	SUDAN	M Sala Yousif Mohammed
15.	TAJISKISTAN	Mr.Khukmatullo Akhmadov
16.	TURKEY	Mr. Fikri Tasci
17.	UNITED KINGDOM	Mr. S. Gillam
18.	UNITED STATES OF AMERICA	Mr. B. Smith



**GROUP WORK NUMBER 1**  
**Tuesday 18<sup>TH</sup> November**

**Chairperson:**  
**Secretariat:** S. Kelatwang  
**Room number:** India room A 327  
**Language:** English

**Working group number three**

1.	BHUTAN	Mr. Dhan Bahadur Dhital
2.	BURUNDI	Mr. Bararwandika
3.	CHILE	Mr. Carlos Bahamondez
4.	CZECH REPUBLIC	Mr. V. Henzlik
5.	EGYPT	Mr. Hoda S. Rashed
6.	ESTONIA	Mr M. Valgepea
7.	FAO REGIONAL FORESTRY OFFICER	Mr. H. Abdel-Nour
8.	HUNGARY	Mr. P. Csoka
9.	MALAWI	Mr. S. Kainja
10.	MOLDOVA	Mr. P. Stratulat
11.	NAMIBIA	Ms. Ndapanda Kanime
12.	NEPAL	Mr. Ananta Vijaya Parajuli
13.	PAPUA NEW GUINEA	Mr. Vitus Ambia
14.	SIERRA LEONE	Mr. Sheku A. Mansaray
15.	SOUTH AFRICA	Mr. S. Mabena
16.	ST. VINCENT & THE GRENADINES	Mr C. Richards
17.	SWAZILAND	Mr. S. T. Gamedze
18.	UNEP	Mr Jinhua Zhang

**GROUP WORK NUMBER 1**  
**Tuesday 18<sup>TH</sup> November**

**Chair person:**  
**Secretariat:** Monica Garzuglia  
**Room number:** Cuba room B 224  
**Language:** English

**Working group number four**

1.	ARMENIA	Mr. A. Gouljanyan
2.	BELGIUM	Mr. C. Laurent
3.	BRAZIL	Sr Sergio Ahrens
4.	CAMBODIA	Mr. Teang Sokkom
5.	FRANCE	M. Claude Vidal
6.	GAMBIA	Mr. L. Bojang
7.	ITALY	Mr. L. Marletta
8.	LITHUANIA	Mr. Mozgeris
9.	MALAYSIA	Mr. Thai See Kiam
10	MAURITIUS	Mr. Seemadree Appanah Paupiah
11	MONTSERRAT	Mr. G. Gray
12	NETHERLANDS	Mr. Jaap Paasman
13	NORWAY	Mr. S. Tomter
14	PAKISTAN	Mr. Kanwar Muhammad Suleman
15	SRI LANKA	Mr Anura Sathurusinghe
16	SURINAME	Mr. René Somopawiro
17	TANZANIA, UNITED REP. OF	Mr. I. Y. Mwangwone

**GROUP WORK NUMBER 1**  
**Tuesday 18<sup>TH</sup> November**

**Secretariat:** Orjan Jonsson  
**Room number:** Forestry meeting room D 440  
**Language:** English

**Working group number five**

1.	ALEXANDRIA UNIVERSITY	Mr. Megahed Mabrouk Megahed
2.	CHINA	Su Chunyu
3.	FAO REGIONAL FORESTRY OFFICER	Mr Peter Lowe
4.	GUYANA	Ms Anna Mohase
5.	IRELAND	<u>Mr. Karl Coggins</u>
6.	JAMAICA	Ms. E. Owen
7.	LITHUANIA	Mr. A. Kuliesis
8.	MCPFE	Mr. Ewald Rametsteiner
9.	PHILIPPINES	Mr. N. Bambalan
10.	POLAND	Mr. R. Michalak
11.	RUSSIAN FEDERATION	Mr. A. Filipchuk
12.	SAINT LUCIA	Mr. Isaac Cornelius
13.	VANUATU	Ms. Kamasteia Phyllis
14.	ZAMBIA	Mr. Deviness Tombo
15.	ZIMBABWE	Mr. Felix Tete
16.	UZBEKISTAN	Mr. Gulya Vildanova
17.	TOGO	Mr. Koffi Sessi

**GROUP WORK NUMBER 1**  
**Tuesday 18<sup>TH</sup> November**

**Secretariat:** Federica Urbani and Mr. A. Korotkov  
**Room number:** FRA meeting room C354  
**Language:** English

**Working group number six**

1.	BELIZE	Ms. Tanya Santos
2.	CANADA	Mr. B. Haddon
3.	CENT. AFRICAN REPUBLICA	Mr. Ambroise Zanga
4.	CROATIA	Mr. R. Ojurovic
5.	FINLAND	Mr. T. Karjalainen
6.	ICELAND	Mr. A. Snorrason
7.	INDONESIA	Mr Agus Mulyono
8.	ITTO	Mr. S. Johnson
9.	KOREA, REP. OF	Mr. Kim Sung-Ho
10.	MEXICO	Mr. Alberto Sandoval
11.	SLOVAKIA	Mr. R. Longauer
12.	SLOVENIA	Mr. M. Hocevar
13.	SRI-LANKA	Mr. Anura Sathurunsinghe
14.	SWEDEN	Mr. Magnus Fridh
15.	SWITZERLAND	Mr. P. Brassel
16.	UKRAINE	Mr. Volodymyr Romanovskyy

**GRUPO DE TRABAJO 1**  
**Martes 18 noviembre**

**Secretaria:** Hivy Ortiz Chour  
**Lugar :** Mexico room D 211  
**Idioma** Español

**Grupo de trabajo siete**

1.	AGENTINA	Ms. Montenegro
2.	CHILE	Ms. M. V. Oyarzún
3.	COLOMBIA	Ms. Y. Gonzáles Hernández
4.	CUBA	Ms. I. de la Caridad Diago Urfé
5.	DOMINICAN REPUBLIC	Mr. J. Abel H. Batista
6.	ECUADOR	Mr. Marco Trelles Jimenez
7.	EL SALVADOR	Ms. Lucia Alicia Gómez Vaquerano
8.	GUATEMALA	Mr. L. E. Barrera Garabito
9.	GUATEMALA	Mr. Rodrigo Rodas
10.	HONDURAS	Mr. O. Peralta
11.	NICARAGUA	Mr. J. Herrera Rivera
12.	PANAMA	Mr. R. Gutierrez
13.	PARAGUAY	Ms. Damiana Mann
14.	REGIONAL FORESTRY OFFICER	Mr. Mario Mengarelli
15.	SPAIN	Mr. R. V. Bombin
16.	URUGUAY	Mr. R. Echevarria
17.	VENEZUELA	Mr. Catalan
18.	VENEZUELA	Ms. Olga Pérez
19.	VENEZUELA	Mr. R Silva

**GROUPE DE TRAVAIL NUMÉRO UN**  
**Mardi 18 novembre**

**Secrétariat**

**M. Mohamed Saket**

**Lieu**

**Salon Rouge, 1<sup>er</sup> étage**

**Langue de travail**

**Français**

**Groupe de travail numéro huit**

1.	ALGERIA	Mr Ali Ghazi
2.	BURKINA FASO	<u>Mr. S. Coulibaly</u>
3.	CHAD	M. Bardoum Djekourbian
4.	CAMEROON	Ms. Jeanne Ngono Balomog
5.	CONGO	Mr. G. Nkéoua
6.	CONGO, DEM. REP. OF	Mr. G. Zasi Ngisako
7.	DJIBOUTI, REPUB. OF	<u>Mohamed Moussa Mohamed</u>
8.	GUINEE BISSAU	Mr Kaoussou Diombera
9.	GUINÉE Repub. Of (Conakry)	M. Diramba Diawara
10.	MADAGASCAR	Mr. V. Randriaamampianina
11.	MALI	M. Moussa Barry
12.	MOROCCO	M. Zaki Ahlafi
13.	NIGER	M. Ibro Adamou
14.	PERU	Ms. Rocio Malleux
15.	RWANDA	MrSabin Murererehe
16.	SENEGAL	M. S. Gueye
17.	TUNISIA	Mr. Rafik Aini

## ***Annex 3: List of participants in working groups for Group Work 2***



## **International Tropical Timber Organization**

<b>National Correspondents Training Formation de correspondants nationaux Capacitación de corresponsales nacionales</b>
<b>Global Forest Resources Assessment, FAO Evaluation des ressources forestières mondiales, FAO</b>
<b>Rome, Italy, 17-21 November 2003 Rome, Italie, 17-21 Novembre 2003 Roma Italia 17-21 noviembre 2003</b>
<b>Groups composition Composition des groupes Composición de grupos</b>

### **GROUP WORK NUMBER TWO THEMATIC REPORT**

### **GROUPE DE TRAVAIL NUMÉRO DEUX RAPPORT THÉMATIQUE**

### **GRUPO DE TRABAJO NÚMERO DOS INFORME POR TEMA**

## **GROUP WORK NUMBER TWO**

**Thematic report**

**Thursday 20 November**

**Chair person:**

**Secretariat: Alberto De Lungo**

**Room number: Canada room B 324**

**Language: English**

### **Working group ITTO process**

1.	BRAZIL	Mr. Tasso Azende
2.	CAMBODIA	Mr. Teang Sokhom
3.	INDONESIA	Mr. Agus Mulyono
4.	ITTO	Mr. S. Johnson
5.	MALAYSIA	Mr. Thai See Kiam
6.	PAPUA NEW GUINEA	Mr. Vitus Ambia
7.	PHILIPPINES	Mr. N. Bambalan
8.	TOGO	Mr. Koffi Sessi



## **GROUP WORK NUMBER TWO**

### **Thematic report**

**Thursday 20 November**

**Chair person:**

**Secretariat:** Sebueng Kelatwang

**Room number:** India room A 327

**Language:** English/French

#### **Working group Dry Zone Africa Process**

1.	BOTSWANA	Mr. M. Sekgopo
2.	BURKINA FASO	Mr. S. Coulibaly
3.	CHAD	M. Bardoum Djekourbian
4.	DJIBOUTI, REPUB. OF	Mohamed Moussa Mohamed
5.	GAMBIA	Mr. L. Bojang
6.	KENYA	Mr. N.J. Kathendu
7.	MALAWI	Mr. S. Kainja
8.	MALI	M. Moussa Barry
9.	MAURITIUS	Mr. Seemadree Appanah Paupiah
10.	MOZAMBIQUE	Ms. Regina Cruz
11.	NAMIBIA	Ms. Ndapanda Kanine
12.	NIGER	M. Ibro Adamou
13.	SENEGAL	M. S. Gueye
14.	SEYCHELLES	Mr. Basile Esther
15.	SIERRA LEONE (no member)	Mr. Sheku A. Mansaray
16.	SOUTH AFRICA	Mr. S. Mabena
17.	SWAZILAND	Mr. S. T. Gamedze
18.	UGANDA	Mr. P. Drichi
19.	UNEP	Mr. Jihuan Zhang
20.	ZAMBIA	Mr. Deviness Tombo
21.	ZIMBABWE	Mr. Felix Tete

## **GROUP WORK NUMBER TWO**

### **Thematic report**

**Thursday 20 November**

**Chair person:**

**Secretariat: Alex Korotkov and Orjan Jonsson**

**Room number: Philippine room C 277**

**Language: English**

#### **Working group Pan European Forest Process**

1.	ALBANIA	Mr. S. Karadumi
2.	AUSTRIA	Mr. J. Hangler
3.	BELARUS	Mr. M.V. Kuzmenkov
4.	BULGARIA	Mr. Ilia Anguelov
5.	CROATIA	Mr. R. Ojurovic
6.	CZECH REPUBLIC	Mr. V. Henzlik
7.	DENMARK	Ms. V. K. Johannsen
8.	ESTONIA	Mr. M Valgepea
9.	FINLAND	Mr. E. Tomppo
10.	FRA ADVISORY GROUP	Mr. E. Ramesteiner
11.	FRA ADVISORY GROUP	Mr. T. Thuresson
12.	FRANCE	M. Claude Vidal
13.	GERMANY	Mr. F. Schmitz
14.	HUNGARY	Mr. P. Csoka
15.	ICELAND	Mr. A. Snorrason
16.	IRELAND	Mr. Karl Coggins
17.	ITALY	Mr. L. Marletta
18.	LATVIA	Mr. N. Struve
19.	LITHUANIA	Mr. A. Kuliesis
20.	LITHUANIA	Mr. S. Mozgeris
21.	NETHERLANDS	Mr. Jaap Paasman
22.	NORWAY	Mr. S. Tomter
23.	POLAND	Mr. R. Michalak
24.	SLOVAKIA	Mr. R. Longauer
25.	SLOVENIA	Mr. M. Hocevar
26.	SPAIN	Mr. R. V. Bombin
27.	SWEDEN	Mr. Magnus Fridh
28.	SWITZERLAND	Mr. P. Brassel
29.	TURKEY	Mr. Fikri Tasci
30.	UNITED KINGDOM	Mr. S. Gillam

## **GROUP WORK NUMBER TWO**

**Thematic report**

**Thursday 20 November**

**Chair person:**

**Secretariat: Federica Urbani**

**Room number: FRA meeting room C 354**

**Language: English/Spanish**

### **Working groups Montreal Process**

1.	AUSTRALIA	Ms. M. Wood
2.	CANADA	Mr. B. Haddon
3.	CHILE	Mr. Carlos Bahamondez
4.	CHILE	Ms. Verónica. Oyarzún
5.	KOREA, REP. OF	Mr. Kim Sung-Ho
6.	MEXICO	Mr. Alberto Sandoval
7.	NEW ZEALAND	Mr. P. Lane
8.	PARAGUAY (no member)	Ms. Damiana Mann
9.	RUSSIAN FEDERATION	Mr. A. Filipchuk
10.	UNITED STATES OF AMERICA	Mr. B. Smith
11.	URUGUAY	Mr. R. Echevarria

**GROUP WORK NUMBER TWO**  
**Thematic report**  
**Thursday 20 November**

**Chair person:**  
**Secretariat:** Monica Garzuglia and Dan Altrell  
**Room number:** Cuba room B 224  
**Language:** English/Spanish

**Working group Tarapoto Proposal**

1.	BRAZIL	Mr. Sergio Ahrens.
2.	DOMINICA (no member)	Mr E. Hypolite
3.	GUYANA	Ms Anna Mohase
4.	JAMAICA (no member)	Ms. Evelyn Owen
5.	PERU	Mr. R. Malleux
6.	ST. KITTS-NEVIS(no member)	Ms. Ilis Watts
7.	St. VINCENT & THE GRENADINES (no member)	Mr Cornelius Richards
8.	SURINAME	Mr. René Somopawiro
9.	VENEZUELA	Mr. Renso Silva
10.	VENEZUELA	Ms. Olga Pérez

**GROUP WORK NUMBER TWO**  
**Thematic report**  
**Thursday 20 November**

**Chair person:**  
**Secretariat:** Mohamed Saket  
**Room number:** Mexico D 211  
**Language:** English

**Working group Near East process**

1.	ALGERIA	Mr Ali Ghazi
2.	ARMENIA	Mr. A. Gouljanyan
3.	CYPRUS	Mr. Charalampos Alexandrou
4.	EGYPT	Mr. Hoda. S. Rashed
5.	IRAN, ISLAMIC REPUB.	Mr. S. Shariatnejad
6.	LEBANON	Mr. Fady Asmar
7.	PAKISTAN	Mr. Kanwar Muhammad Suleman
8.	SAUDI ARABIA	Mr. Khalid Bin Nasser Al Moussa
9.	SUDAN	Mr. S.Y. Mohamed
10.	SYRIAN ARAB REPUBLIC	Mr. Ali Daoud
11.	TUNISIA	Mr. Rafik Aini

## **GROUP WORK NUMBER TWO**

### **Thematic report**

**Thursday 20 November**

**Chair person:**

**Secretariat: Hivy Ortiz Chour**

**Room number: Red room**

**Language: English/Spanish**

#### **Working group Lepaterique process**

1.	BELIZE	Ms. Tanya Santos
2.	CUBA (no miembro)	Ms. I. de la Caridad Diago Urfé
3.	DOMINICAN REPUBLIC (no miembro)	Mr. J. Abel H. Batista
4.	EL SALVADOR	Ms. Lucia Alicia Gómez Vaquerano
5.	GUATEMALA	Mr. L. E. Barrera Garabito
6.	GUATEMALA	Mr. Rodrigo Rodas
7.	HONDURAS	Mr. O. Peralta
8.	NICARAGUA	Mr. J. Herrera Rivera
9.	PANAMA	Mr. R. Gutierrez

**GROUP WORK NUMBER TWO**  
**Thematic report**  
**Thursday 20 November**

**Chair person:**  
**Secretariat:** Anne Branthomme  
**Room number:** C 375  
**Language:** English /French

**Working group African Timber Organization**

1.	BURUNDI	Mr. A. Bararwandika
2.	CAMEROON	Ms. Jeanne Ngono Balomog
3.	CENT. AFRICAN REPUBLICA	Mr. Ambroise Zanga
4.	CONGO	Mr. G. Nkéoua
5.	CONGO, DEM. REP. OF	Mr. G. Zasi Ngisako
6.	GUINÉE Repub. Of (Conakry)	M. Diramba Diawara
7.	MADAGASCAR (no member)	Mr. V. Randriaamampianina
8.	NIGERIA	Ms. Gloria Ujor
9.	TANZANIA, UNITED REP. OF	Mr. I. Y. Mwangwone

**GROUP WORK NUMBER TWO**  
**Thematic report**  
**Thursday 20 November**

**Chair person:**  
**Secretariat:** Kailash Govil  
**Room number:** C 378  
**Language:** English

**Working group Regional Initiative Dry Forest Asia**

1.	BANGLADESH	Mr. S.M. Kamruzzaman
2.	BHUTAN	Mr. Dhan Bahadur Dhital
3.	INDIA	Mr. J.K. Rawat
4.	INBAR	Mr. M. Lobovikov
5.	LAO, PDR (no member)	Mr. Thongpath LuengKhamma
6.	MONGOLIA	Ms. Navaan-Yunden Oyndari
7.	MYANMAR	Mr. San Lwin
8.	NEPAL	Mr. Ananta Vijaya Parajuli
9.	SRI-LANKA	Mr. Anura Sathurunsinghe
10.	THAILAND	Mr. Jirawan Charuppat

FAO Regional Forestry officers are requested to choose a working group, or circulate in different groups.

Mr. H. Abdel-Nour  
Mr. M. Kashio  
Mr. Peter Lowe  
Mr. Mario Mengarelli



## Annex 4: List of participants in working groups for Group Work 3



### International Tropical Timber Organization

<b>National Correspondents Training Formation de correspondants nationaux Capacitación de corresponsales nacionales</b>
<b>Global Forest Resources Assessment, FAO Evaluation des ressources forestières mondiales, FAO</b>
<b>Rome, Italy, 17-21 November 2003 Rome, Italie, 17-21 Novembre 2003 Roma Italia 17-21 noviembre 2003</b>
<b>Groups composition Composition des groupes Composición de grupos</b>

### **GROUP WORK NUMBER THREE REGIONAL FORESTRY COMMISSIONS**

### **GROUPE DE TRAVAIL NUMÉRO TROIS COMMISSIONS FORESTIÈRES RÉGIONALES**

### **GRUPO DE TRABAJO NÚMERO TRES COMISIONES FORESTALES REGIONALES**

**GROUP WORK NUMBER THREE**  
**Forestry Regional Commissions**  
**Thursday 20 November**

**Chair person:**

**Secretariat:** Alberto De Lungo and Sebueng Kelatwang

**Room:** Canada room B 324

**Language:** English

1.	ALGERIA	Mr Ali Ghazi
2.	BOTSWANA	Mr. M. Sekgopo
3.	GAMBIA	Mr. L. Bojang
4.	KENYA	Mr. N.J. Kathendu
5.	MALAWI	Mr. S. Kainja
6.	MAURITIUS	Mr. Seemadree Appanah Paupiah
7.	MOZAMBIQUE	Ms. Regina Cruz
8.	NAMIBIA	Ndapanda Kanime
9.	NIGER	M. Ibro Adamou
10.	NIGERIA	Ms. Gloria Ujor
11.	SIERRA LEONE	Mr. Sheku A. Mansaray
12.	SOUTH AFRICA	Mr. S. Mabena
13.	SUDAN	Mr. S.Y. Mohamed
14.	SWAZILAND	Mr. S. T. Gamedze
15.	TANZANIA, UNITED	Mr. I. Y. Mwangwone
16.	TOGO	Mr. Koffi Sessi
17.	UGANDA	Mr. P. Drichi
18.	ZAMBIA	Mr. Deviness Tombo
19.	ZIMBABWE	Mr. Felix Tete

**GROUP WORK NUMBER THREE**  
**Forestry Regional Commissions**  
**Thursday 20 November**

**Chair person:**

**Secretariat:** Anne Branthomme and Mr. Peter Lowe

**Room number:** Cuba room B 224

**Language:** French/English

1.	BURKINA FASO	Mr. S. Coulibaly
2.	BURUNDI	Mr. A. Bararwandika
3.	CAMEROON	Ms. Jeanne Ngono Balomog
4.	CENT. AFRICAN REPUBLIC	Mr. Ambroise Zanga
5.	CHAD	M. Bardoum Djekourbian
6.	CONGO	Mr. G. Nkéoua
7.	CONGO, DEM. REP. OF	Mr. G. Zasi Ngisako
8.	GUINÉE (Repub. Of Conakry)	M. Diramba Diawara
9.	MADAGASCAR	Mr. V. Randriaamampianina
10.	MALI	M. Moussa Barry
11.	MOROCCO	M. Zaki Ahlafi
12.	RWANDA	Mr. S. Murererehe
13.	SENEGAL	M. S. Gueye
14.	TUNISIA	Mr. Rafik Aini
15.	SEYCHELLES	Mr. Basile Esther
16.	DJIBOUTI, REPUB. OF	Mohamed Moussa Mohamed

**GROUP WORK NUMBER THREE**  
**Forestry Regional Commissions**  
**Thursday 20 November**

**Chair person:**  
**Secretariat:** Kailash Govil and M. Kashio  
**Room number:** India room A 337  
**Language:** English

1.	AUSTRALIA	Ms. M. Wood
2.	BANGLADESH	Mr. S.M. Kamruzzaman
3.	BHUTAN	Mr. Dhan Bahadur Dhital
4.	CAMBODIA	Mr. Teang Sokkom
5.	INDIA	Mr. J.K. Rawat
6.	INDONESIA	Mr. Agus Mulyono
7.	ITTO	Mr. S. Johnson
8.	KOREA, REP. OF	Mr. Kim Sung-Ho
9.	LAO, PDR	Mr. Thongpath LuengKhamma
10.	MALAYSIA	Mr. Thai See Kiam
11.	MONGOLIA	Ms. Navaan-Yunden Oyndari
12.	MYANMAR	Mr. San Lwin
13.	NEPAL	Mr. Ananta Vijaya Parajuli
14.	NEW ZEALAND	Mr. Paul Lane
15.	PAKISTAN	Mr. Kanwar Muhammad Suleman
16.	PAPUA NEW GUINEA	Mr. Vitus Ambia
17.	PHILIPPINES	Mr. N. Bambalan
18.	SRI-LANKA	Mr. Anura Sathurunsinghe
19.	THAILAND	Mr. Jirawan Charupatt

**GROUP WORK NUMBER THREE**  
**Forestry Regional Commissions**  
**Thursday 20 November**

**Chair person:**

**Secretariat:** Orjan Jonsson and Alex Korotkov

**Room number:** Philippines room C 277

**Language:** French/English

1.	ALBANIA	Mr. S. Karadumi
2.	AUSTRIA	Mr. J. Hangler
3.	BELGIUM	Mr. C. Laurent
4.	BULGARIA	Mr. Ilia Anguelov
5.	CROATIA	Mr. R. Ojurovic
6.	CYPRUS	Mr. Charalampos Alexandrou
7.	CZECH REPUBLIC	Mr. V. Henzlik
8.	ESTONIA	Mr. M Valgepea
9.	FINLAND	Mr. E. Tomppo
10.	FRANCE	M. Claude Vidal
11.	GERMANY	Mr. F. Schmitz
12.	HUNGARY	Mr. P. Csoka
13.	ICELAND	Mr. A. Snorrason
14.	IRELAND	Mr. Karl Coggins
15.	ITALY	Mr. L. Marletta
16.	LATVIA	Mr. N. Struve
17.	LITHUANIA	Mr. A. Kuliesis
18.	LITHUANIA	Mr. Mozgeris
19.	MOLDOVA	Mr. P. Stratulat
20.	NETHERLANDS	Mr. Jaap Paasman
21.	NORWAY	Mr. S. Tomter
22.	POLAND	Mr. R. Michalak
23.	RUSSIAN FEDERATION	Mr. A. Filipchuk
24.	SLOVAKIA	Mr. R. Longauer
25.	SLOVENIA	Mr. M. Hocevar
26.	SPAIN	Mr. R. V. Bombin
27.	SWEDEN	Mr. Magnus Fridh
28.	SWEDEN	Mr. Thomas Thuresson
29.	SWITZERLAND	Mr. P. Brassel
30.	TURKEY	Mr. Fikri Tasci
31.	UKRAINE	Mr. Volodymyr Romanovskyy
32.	UNITED KINGDOM	Mr. S. Gillam

**GROUP WORK NUMBER THREE**  
**Forestry Regional Commissions**  
**Thursday 20 November**

**Chair person:**

**Secretariat:** Hivy Ortiz Chour and Mario Mengarelli

**Room number:** Mexico room D 211

**Language:** English/Spanish

1.	ARGENTINA	Ms. C. Montenegro
2.	BRAZIL	Mr. Tasso Rezende de Azevedo
3.	BRAZIL	Mr. Sergio Ahrens
4.	CHILE	Ms. M. V. Oyarzún
5.	CHILE	Mr. Carlos Bahamondez
6.	COLOMBIA	Ms. Y. Gonzáles Hernández
7.	CUBA	Ms. I. de la Caridad Diago Urfé
8.	DOMINICA	Mr E. Hypolite
9.	DOMINICAN REPUBLIC	Mr. J. Abel H. Batista
10.	ECUADOR	Mr. Marco Trelles Jimenez
11.	EL SALVADOR	Ms. Lucia Alicia Gómez Vaquerano
12.	GUATEMALA	Mr. L. E. Barrera Garabito
13.	GUATEMALA	Mr. Rodrigo Rodas
14.	GUYANA	Ms Anna Mohase
15.	HONDURAS	Mr. O. Peralta
16.	MEXICO	Mr. Alberto Sandoval
17.	MONTSERRAT, WEST INDIES	Mr. G. Gray
18.	NICARAGUA	Mr. J. Herrera Rivera
19.	PANAMA	Mr. R. Gutierrez
20.	PARAGUAY	Ms. Damiana Mann
21.	PERU	Ms. R. Malleux
22.	SAINT LUCIA	Mr. Isaac Cornelius
23.	ST. KITTS-NEVIS	Ms. Ilis Watts
24.	St. VINCENT & THE GRENADINES	Mr C. Richards
25.	SURINAME	Mr. René Somopawiro
26.	TRINIDAD AND TOBAGO	Mr. Sheriff Faizool
27.	URUGUAY	Mr. R. Echevarria
28.	VENEZUELA	Mr. R Silva
29.	VENEZUELA	Ms. Olga Pérez

**GROUP WORK NUMBER THREE**  
**Forestry Regional Commissions**  
**Thursday 20 November**

**Chair person:**

**Secretariat:** Mohamed Saket and Mr. Hr. Addel-Nour

**Room number:** FRA meeting room D 354

**Language:** English/Spanish

1.	ARMENIA	Mr. A. Gouljanyan
2.	BELARUS	Mr. M.V. Kuzmenkov
3.	EGYPT	Ms. Hoda S. Rashed
4.	IRAN, ISLAMIC REPubL. OF	Mr. S. Shariatnejad
5.	KAZAKHSTAN	Mr. Daukeyev Serikbek
6.	LEBANON	Mr. Fady Asmar
7.	SAUDI ARABIA	Mr. Khalid Bin Nasser Al Moussa
8.	SYRIAN ARAB REPUBLIC	Mr. Ali Daoud
9.	UZBEKISTAN	Mr. Gulya Vildanova

**GROUP WORK NUMBER THREE**  
**Forestry Regional Commissions**  
**Thursday 20 November**

**Chair person:** Monica Garzuglia and Federica Urbani

**Secretariat:**

**Room number:** C 375

**Language:** English/Spanish

1.	CANADA	Mr. B. Haddon
2.	MEXICO	Mr. Alberto Sandoval
3.	UNITED STATES OF AMERICA	Mr. B. Smith



## **Annex 5: Terms Of Reference (TOR) from Group Work 1**



## **International Tropical Timber Organization**

**National Correspondents Training  
Formation de correspondants nationaux  
Capacitación de corresponsales nacionales**

**Global Forest Resources Assessment, FAO  
Evaluation des ressources forestières mondiales, FAO**

**Rome, Italy, 17-21 November 2003  
Rome, Italie, 17-21 Novembre 2003  
Roma, Italia 17-21 de noviembre 2003**

**Groups composition  
Composition des groupes  
Composición de grupos**

**GROUP WORK NUMBER ONE  
GROUPE DE TRAVAIL NUMÉRO UN  
GRUPO DE TRABAJO NÚMERO UNO**

# Terms of Reference for Group Work 1

## National Reporting Tables for FRA 2005

### Introduction

The Group work will be organized as round table discussions. Each working group will consist of 14 to 18 participants. The constellation of each working group is made to maximize that as many regions as possible are represented in every working group.

### Organization of Working Group Session

There will be eight working groups working on four different sets of FRA 2005 national reporting tables meaning that each set of national tables will be processed by two working groups. Common for all working groups is that national tables 1 “*Extent of Forests*”, 3 “*Designation*”, 4 “*Characteristics*” and national table 5 “*Forest Growing Stock*” are included in the set of tables to be covered.

Working groups should elect a chairperson for each group and each group will have one secretary responsible for summarizing main discussions and outcomes as group reports according to the attached two **templates**. The group reports will be compiled by the secretariat and main conclusions will be presented during the Wednesday morning session (19 November 2003).

### Working Groups Tasks

1. The group should in detail discuss and bring together FRA 2005 national reporting table 1 “*Extent of Forest*” in the proposed format by going through each of the following eight steps in the transformation process for reporting to the global tables. Any difficulties/questions/issues identified within the group should be discussed and documented.

- A. Global Classifications & Definitions
- B. National Data Sources
- C. National Classifications & Definitions
- D. National Data
- E. Calibration
- F. Estimation & Forecasting
- G. Reclassification into FRA 2005 Classes
- H. National Information for FRA 2005 Global Tables

2. The groups should go through the other tables as assigned and come to following output on each table

- A. Comments and conclusions in regards of the scope and relevance of the national reporting tables for FRA 2005 for countries, as well as international reporting needs.
- B. Comments and recommendations on reporting format (classification and definitions) used.
- C. Assessment of availability of information and time series for reporting
- D. Other relevant issues, suggestions (e.g. reporting capacity, need for additional resources, etc).

## Expected Working Groups Outputs

### Output 1

Each working group should complete and bring together national reporting table 1 “*Extent of forests*”

**Template 1** for National Reporting Table 1 “*Extent of Forests*”

## Country: C

### Rationale:

The information on “extent of forests” is necessary for assessment of state and change in forest resources (including goods and services provided by forests) on a global basis. It helps to develop trends of expansion or deforestation of forests and review the sustainability of forests. It facilitates establishing links between national and global classification of extent of forests.

## A. Global Classification and Definitions

<b>Forest</b>	Land under forestry or no land use, spanning more than 0.5 hectares; with trees higher than 5 meters and a canopy cover of more than 10 percent, or trees able to reach these thresholds <i>in situ</i> .
<b>Other Wooded Land</b>	Land under forestry or no land use, spanning more than 0.5 hectares; with trees higher than 5 meters and a canopy cover of 5-10 percent, or trees able to reach these thresholds <i>in situ</i> ; or with a combined cover of shrubs, bushes and trees above 10 percent.
<b>Other Land with Tree Cover</b>	The lands primarily not under forests having more than 0.5 hectares with a canopy cover of more than 10 percent of trees able to reach a height of 5 m at maturity. It includes trees outside forests.
<b>Other Land</b>	Land not classified as “forest”, “other wooded land” or “other land with tree cover”.
<b>Inland Water bodies</b>	Inland water bodies generally include major rivers and lakes.

(Source: For Comparison of Definition of Terms used in FRA 1990 and 2000 see Annex 4 to Guidelines)

## B. National Data Sources

Reference of the Source Information	Quality* (H/M/L)	For following Variables	For Years
<b>Author.</b> Year of Publication. Name of the Report/book/ etc. etc. name of the Publisher, Name of Country.		Name of Variable for which information has been taken from this source	Years for which information has been derived for this source

(Note \* = Quality of Information is H (High) if Remotely sensed information is supported by good ground survey. It is M (Medium) if supporting ground survey is just appropriate and it is L (Low) if the supporting ground survey is weak or absent)

### C. National Classification and Definitions

The following tables provide the classification and sub-classification patterns and their definitions in use for country C.

<b>National Classification</b>	<b>Definition</b>
Forest Cover	All lands, more than one hectare in area, with a tree canopy density of more than 10 percent. Such lands may not be statutorily notified as forest area.
Dense Forest	All lands, with a forest cover with canopy density of 40 percent and above.
Open Forest	All lands, with forest cover with canopy density of 10 to 40 percent.
Trees Outside Forests	Land with trees existing outside recorded Forest Areas with a canopy density of more than 12 percent
Scrub	All lands, generally in and around forest areas, having bushes and or poor tree growth chiefly small or stunted trees with canopy density less than 10 percent.
Non Forest Land	Lands without any forest cover.

(Source: xxx)

### D. National Data

The following table presents the national data on forest cover in country C.

<b>National Class</b>	<b>Extent in "1000" ha</b>		
	<b>1988</b>	<b>1992</b>	<b>2000</b>
Forest cover	12,000	11,800	11,500
Dense Forest	2,000	1,900	1,800
Open Forest	10,000	10,100	10,500
Trees Outside Forests	8,000	7,800	7,800
Scrub	5,000	4,800	4,900
Non Forest Land	3,000	3,200	3,300
Total Land Area	40,000	39,600	39,800

### E. Calibration

The calibration is the proportional adjustment of the national reported land area (the sum of all land classes) to the official land area as maintained by FAO.

<b>National Class</b>	<b>1990</b>	<b>2000</b>
Land Area Total of National Data		
Land Area UN Statistical Division	40,198	40,198
Calibration Factor		

## F. Estimation and Forecasting

Estimation is the process of recalculating national information to the specified reference years 1990 and 2000. Forecasting refers to forecasting the global data for the last reference period 2005.

National Class	Extent in "1000" ha		
	1990	2000	2005
Forest Cover			
Dense Forest			
Open Forest			
Trees Outside Forests			
Scrub			
Non Forest Land			
Total Area			

## G. Reclassification into FRA 2005 Classes

Reclassification is the process of aggregation or disaggregation of original (national) classes into one or many global FRA 2005 variables/classes/categories based on respective definitions and specifications.

National Class	Percentage of a National Class Belonging to a FRA Class			
	Forest	Other Wooded Land	Other Land with Tree Cover	Other Land
	%	%	%	%
Forest				
Dense Forest				
Open Forest				
Trees Outside Forests				
Scrub				
Non Forest Land				

## H. National Information for FRA 2005 Global Tables

FRA 2005 Classes	Extent in "1000" ha		
	1990	2000	2005
Forest			
Other Wooded Land			
Other Land with Tree Cover			
Other Land			
<b>Total for country</b>			

## Output 2

Working groups should complete and review each assigned set of national reporting table according to template 2

### Template 2, for National Reporting Tables Review

#### Name of National Reporting Table:

A	B	C	D
Comments and conclusions in regards of the scope and relevance of the national table for countries as well as international reporting needs.	Comments and recommendations on reporting format (classifications and definitions) used.	Assessment of availability of information (time series) for this reporting table and quality of data.	Other relevant issues, suggestions.
Does the scope of the table comply with the rationale?	Comments on global classification system	Availability of national data for this National Table?  Availability of sub-national data (including partial data)?  Availability of regional data (group of countries)	
Is this national /global table useful for other International reporting processes?	Comments on global definitions	Availability of time series (1990, 2000)?  Data quality (H/M/L)	
Does the table meet national reporting needs?	Comments on proposed reporting template	Name of countries that will be able to report on this global table  (High, Medium, Low)  If no, why?	

## Background Material

The Working Group should use information, which National Correspondents in their group may have brought with them. If such information is not available then they can use information contained in any of the five pilot studies developed by FRA at Rome and attached templates. The groups will further have at their disposal copies of following documents.

Draft Terms and Definitions  
Draft National Reporting Tables  
Draft Guidelines for Country Reporting  
FRA 2005 Pilot Studies

### Assignment of National Reporting Tables for Group Work 1

Working Groups for Group Work 1	National Reporting Tables
<b>1 &amp; 5</b>	1. Extent of Forests 3. Designation 4. Characteristics 5. Forest Growing Stock 11. Wood Removal 12. Value of Primary Wood Removal 16. Employment through Primary Activities
<b>2 &amp; 6</b>	1. Extent of Forests 3. Designation 4. Characteristics 5. Forest Growing Stock 6. Biomass Stock (Forest Biomass) 7. Carbon Stock (Forest Carbon) 15. Sites for Social Functions
<b>3 &amp; 7</b>	1. Extent of Forests 3. Designation 4. Characteristics 5. Forest Growing Stock 8. Disturbances to Health and Vitality of Forests 9. Forest Tree Species 10. Forest Composition
<b>4 &amp; 8</b>	1. Extent of Forests 2. Ownership 3. Designation 4. Characteristics 5. Forest Growing Stock 13. NWFP Removal 14. Value of NWFP Removal

## **Annex 6: Terms Of Reference (TOR) from Group Work 2**



## **International Tropical Timber Organization**

**National Correspondents Training  
Formation de correspondants nationaux  
Capacitación de corresponsales nacionales**

**Global Forest Resources Assessment, FAO  
Evaluation des ressources forestières mondiales, FAO**

**Rome, Italy, 17-21 November 2003  
Rome, Italie, 17-21 Novembre 2003  
Roma, Italia 17-21 de noviembre 2003**

**TERMS OF REFERENCE  
TERME DE RÉFÉRENCE  
TÉRMINOS DE REFERENCIA**

**GROUP WORK NUMBER TWO  
GROUPE DE TRAVAIL NUMÉRO DEUX  
GRUPO DE TRABAJO NÚMERO DOS**



## **TERMS OF REFERENCE FOR GROUP WORK 2**

### **Thematic Reporting in FRA and its Linkages with Criteria and Indicator Processes**

#### **Introduction**

The working groups will be organized based on their country membership to a Criteria and Indicator Process. Each working group will consider in detail thematic reporting to FRA 2005 as mentioned in the “Guidelines”

#### **Organization of working Group**

Working groups should elect a chair person for each group and each group will have one secretary responsible for summarizing main discussions and outcomes as group reports according to the attached template. The group reports will be compiled by the secretariat and main conclusions will be presented during the Friday morning session.

#### **Tasks**

- A. The participants shall review step 2 for national reporting that deals with Thematic Reporting with regard its relevance and constraints
- B. The participants shall examine existing/potential linkages between FRA and the relevant Criteria and Indicator process.
- C. The participants shall examine feasibility for their respective country of providing information on variables (in addition to global variables) for thematic reporting.
- D. The participants shall examine the reasons for which some countries may have opted no to go for thematic reporting.

#### **Output (from each working group)**

- A. For each theme, comments on need of more national variables in addition to the global variables (reported in national reporting tables T1 to T16) for better understanding or explanation of the state of forests including their sustainability in a country (including examples of variables)
- B. Role of FRA process to facilitate national thematic reporting
- C. Comment on how the linkages between FRA and Criteria and Indicator processes can be further developed.

#### **Back Ground Material**

The Working Group should use information which National Correspondents in their group may have brought with them. If such information is not available then they can use information contained in any of the five pilot studies developed by FRA at Rome. The groups will further have at their disposal copies of following documents.

Draft Terms and Definitions  
Draft National Reporting Tables  
Draft Guidelines for Country Reporting  
Pilot Studies for Country Reporting

## **OUTPUT A: Need of National Variables over and above in National Reporting Tables**

First have a look at variable in the National Reporting Tables and then consider whether additional variables are needed or not. For inspiration, one can refer to background documents (pilot studies). If the working group feels that global variables are not sufficient and some other variables are need to explain the state of forest in their countries then the groups should provide a list of such national level variables that may be useful for following criteria (Thematic Area).

### **Thematic Area 1a. Extent of forest resources**

Additional Variable Needed: Yes or Not

If yes then list of additional variables for this thematic area


### **Thematic Area 1b. Contribution to the Global carbon cycle**

Additional Variable Needed: Yes or Not

If yes then list of additional variables for this thematic area


### **Thematic Area 2. Forest ecosystem health and vitality**

Additional Variable Needed: Yes or Not

If yes then list of additional variables for this thematic area


### **Thematic Area 3. Biological diversity**

Additional Variable Needed: Yes or Not

If yes then list of additional variables for this thematic area


**Thematic Area 4. Productive functions**

Additional Variable Needed: Yes or Not

If yes then list of additional variables for this thematic area


**Thematic Area 5. Protective functions**

Additional Variable Needed: Yes or Not

If yes then list of additional variables for this thematic area


**Thematic Area 6a. Social functions**

Additional Variable Needed: Yes or Not

If yes then list of additional variables for this thematic area


**Thematic Area 6b. Economic functions**

Additional Variable Needed: Yes or Not

If yes then list of additional variables for this thematic area






## **Annex 7: Terms Of Reference (TOR) from Group Work 3**



## **International Tropical Timber Organization**

**National Correspondents Training  
Formation de correspondants nationaux  
Capacitación de corresponsales nacionales**

**Global Forest Resources Assessment, FAO  
Evaluation des ressources forestières mondiales, FAO**

**Rome, Italy, 17-21 November 2003  
Rome, Italie, 17-21 Novembre 2003  
Roma, Italia 17-21 de noviembre 2003**

**TERMS OF REFERENCE  
TERME DE RÉFÉRENCE  
TÉRMINOS DE REFERENCIA**

**GROUP WORK NUMBER THREE  
GROUPE DE TRAVAIL NUMÉRO TROIS  
GRUPO DE TRABAJO NÚMERO TRES**

## **Terms of Reference for Group Work 3**

### **Development of Regional And National Work Plans for FRA 2005 Implementation**

#### **Introduction**

There will be five working groups, the assignment of participants to groups is according to membership of their countries to FAO Forestry Regional Commissions (Africa, Asia-Pacific, European, Latin American and Caribbean and North America Forestry Region).

#### **Organization of working groups**

The group work will be organized as round table discussions. Each working group should elect a chair person. The FRA secretariat and concerning regional officers will jointly work as secretary to a working group. Each working group will develop the national and region work plan for providing information to FRA 2005. The group reports are scheduled for presentation in the morning session on Friday, November 22<sup>nd</sup>, 2003.

#### **Working Groups Tasks**

1. Based on the deliberation and past group works, the participants shall discuss how the process to generate information to FRA2005 including detail time plan for submission of country reports.
2. The group shall discuss how regional offices can coordinate and facilitate the process of country reporting including regional workshop etc.
3. The group shall discuss what resource, capacities and mechanism are needed by each country to provide data to FRA 2005 during the year 2004.
4. The group members shall examine needs, if any, to modify or expand the current contents of their National Forest Assessments in relation to long term needs of FRA and forest related international processes.

#### **Expected Outputs**

- A. List of main activities and national work plans of action (including capacity building) needed for providing country information to FRA 2005 during 2004
- B. List of activities and a regional work plan of action for providing country information to FRA 2005
- C. Role of regional offices in coordination and facilitation of submission of country information to FRA 2005 including organization of regional workshops.

#### **Templates**

There are following three templates one for each of the above expected output. Each working group should report in this format.










## ***Annex 8: Presentations in First Plenary Session***

Annex 8.1: Development of FRA 2005 & Meeting Process: Mr. P. Holmgren

**Global FRA**  
 Review of FRA Process  
 FRA 2005 development  
 NC Meeting process  
 Peter Holmgren

**The FRA Process**

See also:  
 Unasyuva 210



**The FRA Process**


**FRA history**

- Since 1947
- Originally timber supply
- Broader coverage over time
- Deforestation in 1980

**The FRA Process**

**History ...continued**

- FRA 1990 ..more advanced
- FRA 2000 ..back to basics
- Reduced deforestation (?)
- Information gaps
- What was the question?



**The FRA Process**

**(Re)defining FRA:**

- FRA's support policy decisions;
- All benefits and beneficiaries;
- Policies are concerned with trends;
- Cross-sectoral context, e.g.:
  - ... UN Millenium Development Goals
  - ... Role of forest sector in economy

**The FRA Process**

**So, FRA's should look into:**

- ... All Forest Benefits,
- ... For all Beneficiaries,
- ... Over Time,
- ... For a given Area

$$U = \sum_B \sum_P \sum_T u_{b,p,t} \cdot w_{b,p,t}$$

## The FRA Process

Some help..

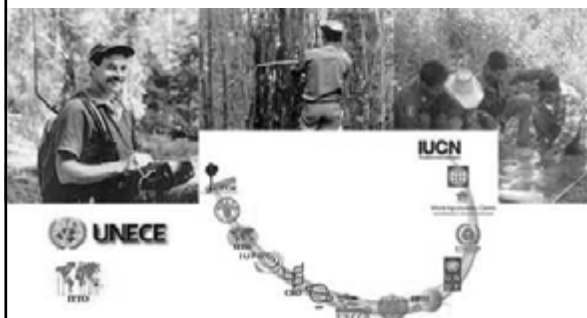
- Long FRA tradition and knowledge
  - National Forest Inventories
- Criteria & Indicators for SFM
  - specification for FRA

## The FRA Process

National correspondents:

- Official focal points
  - For forest resources information in general
- Feedback
- Submit country reports

## FRA 2005



## FRA 2005 pillars

FRA 2005 Harmonization efforts with:

- IPCC Good Practice Guidance
- UN Millennium Development Indicators
- FAO/UNECE/Eurostat/ITTO Joint Questionnaire
- ILO and UN Statistics Division
- IUCN Protected Areas Categories and Redbook
- The 9 C&I processes on SFM

## FRA 2005

What do we want to achieve?

- Neutral and reliable global information base for multiple purposes
- Increased country involvement
- Reduced overall reporting burden
- Enhanced national capacities
- Improved information quality, not quantity (cf FRA 2000)

## FRA 2005

FRA 2005 Contents:

- Global tables (16), linked to SFM
- Country reports
- Thematic studies:
  - Forests and Water
  - Specific forest types
  - ..

## FRA 2005

### Framework: C&I Themes

1. Extent of forests
2. Forest health
3. Biodiversity
4. Productive functions
5. Protective functions
6. Socioeconomic functions

## FRA 2005

### Time frame:

- |          |                           |
|----------|---------------------------|
| Nov 2003 | NC meeting, Rome          |
| Jan 2004 | Final guidelines          |
| Dec 2004 | Deadline, country reports |
| Sep 2005 | FRA 2005 released         |

## Meeting Process



## Meeting Purposes

1. Raise awareness of FRA 2005
  - FRA process
  - Linkages with other international processes
  - Reducing overall reporting burden
2. Explain, train, discuss:
  - National data -> Global tables process
  - Thematic reporting
3. Work plans for country reporting
  - National and regional aspects

## Background documents



1. FRA 2005 draft specification
  - Global tables
  - Guidelines
  - Terms & Definitions
  - Report template
2. Pilot country reports
  - Guatemala
  - India
  - Italy
  - South Africa
  - Sweden

## Meeting Process

1. Opening
2. Global Tables (Group work 1)
3. Related subjects
4. Thematic reporting & Links to C&I (Group work 2)
5. Work plans (Group work 3)
6. Conclusions / closing

## ***Annex 9: Presentations in Second Plenary Session***

- Annex 9.1: National Expectations – Uganda: Mr. P. Drichi
- Annex 9.2: National Reporting Tables: Mr. P. Holmgren
- Annex 9.3: National Reporting Tables 1 – 4: Mr. P. Holmgren
- Annex 9.4: National Reporting Tables 5 – 7: Mr. K. Govil
- Annex 9.5: National Reporting Tables 8 – 10: Mr. Ö. Jonsson
- Annex 9.6: National Reporting Tables 11 – 14: Ms. S. Kelatwang
- Annex 9.7: National Reporting Tables 15 – 16: Ms. M. Garzuglia

## Annex 9.1: National Expectations - Uganda: Mr. P. Drichi

### Country Views & Expectations From the NC training

Presented by Drichi, P.  
FRA National Correspondents  
Training Workshop, 17 – 21  
November, 2003, Rome, Italy.

### Basis of the Country views

Best after consultations with NCs  
Only choice was the use of supporting documents  
for FRA especially

- The Draft Guidelines, Specification of global Reporting Tables, Terms & Definitions etc
- Pilot Studies through the working papers of India, Guatemala and Sweden were used to discern what the countries' views would be like

Other basis will be from NCs during discussions  
Else, opinions expressed reflect that of the author

### Outline of the presentation

Views on recent developments in the FRA  
process  
Views on the concepts, design and  
reporting process of FRA 2005  
Expectations from the NC training

### Recent developments in the FRA process

COFO 2001 recommendation of a 5-year  
reporting and emphasis on broad based assessment  
to relate it with other international processes  
The Kotka IV recommendations e.g.

- the linkage between the national and international assessments
- The FRA structure based on international processes on C&I SFM, other processes e.g. IPCC, CBD, ITTO, etc
- Efforts in harmonization of terms and definitions
- The COFO endorsement of the above recommendations in March 2003: Hence FRA 2005!

These are positive developments

### Concepts, design & reporting process:

The classification system: Very simplified and  
good for many countries however...  
Terms and definitions - Likely differences to be  
encountered  
National Reporting Tables  
– The 16 tables & 54 variables: workload?, sources?  
Gaps?:  
The reporting format: Uniformity, harmonization  
& Reporting?, working Paper – Good incentive

### Expectations

To understand the concepts, design and the  
reporting process of FRA2005 for better  
implementation  
Good opportunity for Feedback/clarification  
on issues arising from the above  
Agreed work plan for the implementation  
Kick-start the process of implementation  
Stronger linkage between countries & Rome



## **Annex 9.2: National Reporting Tables: Mr. P. Holmgren**

### **FRA 2005 National Reporting Tables**

Peter Holmgren

### **16 Tables**

- Build on variables in FRA 2000
- Relate to the common C&I themes
- Global terms and definitions, harmonized with other processes
- Standardized format and method

### **Method**

- 8 steps, common to all 16 tables
- Template provided – FRA WP
- Why this approach?
  - Transparency
  - Traceability
  - REDUCED BURDEN!!!
- Method used in FRA 2000...

### **Method – 8 steps**

- A. Global classes
- B. National sources
- C. National classification
- D. National data
- E. Calibration
- F. Estimation / forecasting
- G. Reclassification
- H. Final National data for global table

## Annex 9.3: National Reporting Tables 1 – 4: Mr. P. Holmgren

### FRA 2005

### National Tables 1-4

Peter Holmgren

### Table 1: Extent of forests

#### Rationale:

- Criteria theme 1
- Forest area change considered important (eg in Agenda 21, UNFCCC)
- Correlation with major forest benefits (?)

### Table 1: Extent of forests

#### Contents, area of:

1. Forest
2. Other wooded land
3. Other land with tree cover (?)

#### Time series:

- 1990 – 2000 – 2005

### Table 1: Extent of forests

#### Issues:

- Definitions unchanged but reworded
- Remove "other land with tree cover"?

### Table 1: Extent of forests

#### Example India (WP 78, page 10):

FRA 2005 Classes	Extent in "000"ha		
	1990	2000	2005
Forest	63 938	67 553	67 700
Other Wooded Land	5 894	4 731	4 110
Other land with Trees	81	81	81
Other land	227 404	224 952	225 426
Inland water	31 407	31 407	31 407
<b>Total Area</b>	<b>328 726</b>	<b>328 726</b>	<b>328 726</b>

### Table 2: Ownership

#### Rationale:

- Important for policy institutional and management issues

## Table 2: Ownership

Contents, area under ownership:

- Public
- Private
- Other / Unspecified

Time series:

- 1990 – 2000

## Table 2: Ownership

Issues

- "Traditional" ownership

## Table 2: Ownership

Example South Africa (WP75, p.12):

Ownership	Area in 000 ha			
	1990		2000	
	Forest	OWL	Forest	OWL
Public Ownership	7 457	7 122	6 686	6 447
Private Ownership	2 035	16 619	2 111	15 043
Other / Unspecified	0	0	0	0
<b>Total</b>	<b>9 493</b>	<b>23 742</b>	<b>8 797</b>	<b>21 490</b>

## Table 3: Forest designation

Rationale:

- Responds to several criteria themes
- Measures policy intervention over area

## Table 3: Forest designation

Contents, area designated for:

1. Production
2. Protection
3. Conservation
4. Socio-economic purposes
5. Multiple purposes

## Table 3: Forest designation

Issues:

- Protected areas definition
- All areas = multiple use?

### Table 3: Forest designation

Example – Sweden (WP 77, page 15):

FRA 2005 Classes	Area in "000" ha		
	1990	2000	2005
Production	n.a.	15	15
Protection	35	35	35
Conservation	1 139	1 693	1 893
Social Services			
Multiple Objective	26 192	25 731	25 599
<b>Total Forest</b>	<b>27 366</b>	<b>27 474</b>	<b>27 541</b>
Protection	0	0	0
Conservation	639	769	777
Social Services			
Multiple Objective	2 584	2 477	2 478
<b>Total OWL</b>	<b>3 223</b>	<b>3 246</b>	<b>3 255</b>

### Table 4: Forest characteristics

#### Rationale:

- Combines "naturalness" and management intensity
- Refers to several C&I themes
- Addresses the "planted forests" issue

### Table 4: Forest characteristics

Contents, areas that are:

1. Primary
2. Modified natural
3. Semi-natural
4. Production plantation
5. Protective plantation

### Table 4: Forest characteristics

#### Issues:

- Remove "modified natural"?
- Plantations distinguished by
  - Introduced/native species ONLY
  - OR include intensively managed stands of native species as before?

### Table 4: Forest characteristics

Example – India (WP 78, page 21):

FRA 2005 Classes	Area in 000 ha		
	1990	2000	2005
Primary Forest	n.a.	n.a.	n.a.
Modified Forest	19 861	21 912	21 972
Semi- Natural Forest	42 053	42 696	42 321
Production Forest Plantation	708	1 007	1 160
Protective Forest Plantation	1 315	1 937	2 246
Primary OWL	n.a.	n.a.	n.a.
Modified OWL	1 851	1 557	1 357
Semi- Natural OWL	3 920	3 035	2 614
Protective OWL Plantation	122	137	138
<b>Total</b>	<b>69 832</b>	<b>72 284</b>	<b>71 810</b>

### Conclusion

- Challenge to achieve globally harmonized tables on these topics
- Improvements from FRA 2000, without changing / adding concepts or definitions
- Some outstanding issues to discuss
- Pilot studies performed well in all regions

## Annex 9.4: National Reporting Tables 5 – 7: Mr. K. Govil



Training of National Correspondents  
on Assessing and Monitoring  
Forest Land Use and Changes  
November 17 to 21, 2003. FAO, Rome

### Introduction to National Reporting Tables on Growing Stock, Biomass & Carbon

Dr. Kailash Govil

### Outline

1. Rationale
2. Contents of the Tables
3. Conclusion

### Rationale of Tables 5,6 &7 (Growing Stock, Biomass, Carbon)

- Important for SFM
- Volume dynamics (space and time)
- Capacity to sequester Carbon
- Needed by international processes
- Thematic Area 1 of C&I processes

### Content Table 5: Growing Stock

- Global Variables
  - Growing Stock
  - Commercial Growing Stock
- Time Series
  - 1990, 2000 and 2005
- Unit of reporting
  - Volume in Million Cubic Meters

### GS & Commercial GS

- Growing stock "GS"
  - stem volume
  - does not include Branches & Foliage
- Commercial Growing Stock
  - trees giving merchantable timber
  - part of "Growing stock"
- Example India

### The National Reporting Table 5

H. Input to global FRA 2005 (India, Page 24)			
	Volume in "million" cubic meters		
	1990	2000	2005
Growing Stock	4335.4	4629.1	4639.1
Commercial Growing Stock	1734.2	1851.6	1855.6

### Volume Expansion Factor “VEF”

To estimate growing stock of trees not included in the inventory threshold

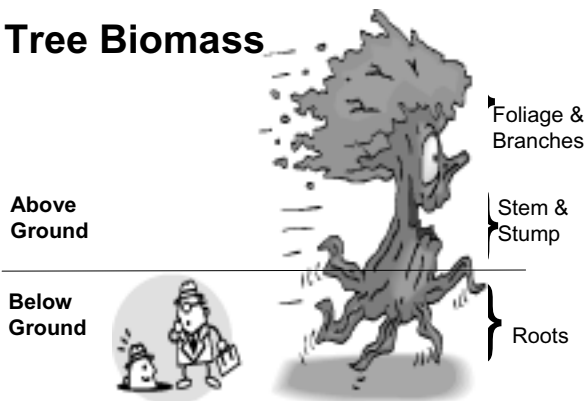
Inventory includes trees above 30 cm  
Need Growing stock trees above 10 cm

**Total Growing Stock**  
= VEF\*Growing Stock above 30 cm

### Content Table 6: Biomass

- **Global Variables**
  - Above Ground Tree Biomass
  - Below Ground Tree Biomass
  - Woody Biomass
- **Time Series**
  - 1990, 2000 and 2005
- **Unit of reporting**
  - Over Dry Weight (million metric tones)

### Tree Biomass



### Estimating Live Biomass

Growing Stock “GS” per hectare (single or group of species in an inventory strata)

Biomass “BM” per hectare (multiply “GS” with dry weight density & BEF)

Total Biomass (multiply BM with strata area & add all strata)

### Biomass Expansion Factor “BEF”

To covert Stem biomass per hectare into Total (including all parts of the tree) biomass per hectare.

**Total Biomass per hectare**  
= BEF\* Stem Biomass per hectare

### The National Reporting Table 6

H. Input to global FRA 2005 (India, Page 26)

	Biomass in "million" metric tones (Oven Dry Weight)		
	1990	2000	2005
Woody Biomass	-	-	-
Above Ground Tree Biomass	2396.6	2554.7	2560.3
Below Ground Tree Biomass	-	-	-

## Content Table 7: Forest Carbon

- **Global Variables**
  - Carbon in Above Ground Tree Biomass
  - Carbon in Below Ground Tree Biomass
  - Carbon in Woody Biomass
  - Soil Carbon
- **Time Series**
  - 1990, 2000 and 2005
- **Unit of reporting**
  - Weight in million metric tones

## Estimating Carbon Stock

Carbon Stocks are normally estimated from biomass by using conversion factors. The default value of this factor is 0.5.

$$\text{Carbon Stock} = 0.5 * \text{Biomass Stock}$$

## The National Reporting Table 7

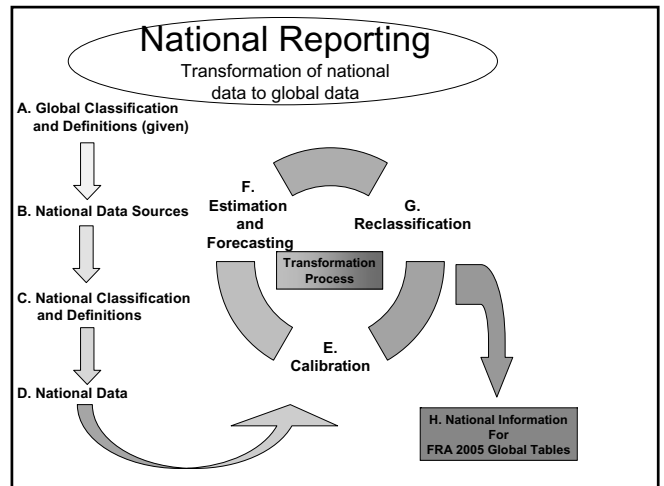
H. Input to global FRA 2005 (India, Page 28)

	Carbon Stock (above ground) million metric tones		
	1990	2000	2005
Carbon Stock (Above ground)	1084.3	1155.8	1158.4

# Annex 9.5: National Reporting Tables 8 - 10: Mr. Ö. Jonsson

Introduction to National Reporting  
Tables (8, 9 & 10)

Örjan Jonsson



**National Reporting Table 8**  
Disturbances Affecting Health and Vitality of Forests and Other Wooded Land

*Rationale:*

- Disturbances (biotic and abiotic)
- Criteria Theme 2

Content Table 8:  
Disturbances Affecting Health and Vitality of Forests and Other Wooded Land

**Global Variables**

- Fire
- Insect
- Disease
- Other Disturbance

**Time Series**

- 1990 – 2000

**Unit of Reporting**

- Area "1000" Ha

**National Reporting Table 8**

Input to Global FRA 2005  
Example Sweden (page 28)

Disturbances <sup>2</sup>	Average Annual Area Affected "1000" hectares			
	Forest		Other Wooded Land <sup>1</sup>	
	1990 <sup>4</sup>	2000	1990	2000
Forest Fire	n.a.	5.9	n.a.	2.9
Forest Insect			n.a.	n.a.
Forest Disease	9	78	n.a.	n.a.
Other Disturbance	73	88	n.a.	n.a.
<b>Total</b>	<b>82</b>	<b>172</b>	<b>n.a.</b>	<b>2.9</b>

<sup>1</sup> OWL is not covered in NFI (n.a. = data not available)  
<sup>2</sup> Disturbance (other than fire) is defined as a percent loss of growth value exceeding 10 %  
<sup>3</sup> Includes storm, grazing and other disturbances  
<sup>4</sup> Relevant data from 1988 were not available, thus the average values are based on the 4-year period 1989-1992

**National Reporting Table 9**  
Forest Tree Species

*Rationale*

- Biodiversity
- Criteria Theme 3



Content Table 9:  
Forest Tree Species

**Global Variables**

- Tree Species
- Endangered Tree Species (IUCN)

**Time Series**

- 1990 – 2000

**Unit of Reporting**

- Number of species

National Reporting Table 9

Input to Global FRA 2005

Example India (page 33)

Forest Tree Species	Total Number of Species	
	1990	2000
Inventoried Forest Tree Species	1240	1240
Endangered Forest Tree Species	98	98

National Reporting Table 10  
Forest Composition

*Rationale*

- Conservation of Biodiversity
- Criteria Theme 3

Content Table 10:  
Forest Composition

Global Variable

- Forest Composition

**Time Series**

- 1990 – 2000

**Unit of Reporting**

- Million m<sup>3</sup>

National Reporting Table 10

Example Sweden (page 32)

Input to Global FRA 2005

Ten most frequent forest tree species and the rest of species		Growing stock in forests million m <sup>3</sup>	
Order	Name of Species	1990	2000
<b>Most Common</b>	<i>Picea abies</i>	1,279.2	1,321.6
<b>2<sup>nd</sup> Most Common</b>	<i>Pinus sylvestris</i>	1,112.9	1,220.4
<b>3<sup>rd</sup> Most Common</b>	<i>Betula pubescens</i>	219.9	264.4
<b>4<sup>th</sup></b>	<i>Betula pendula</i>	76.1	91.5
<b>5<sup>th</sup></b>	<i>Populus tremula</i>	35.0	43.2
<b>6<sup>th</sup></b>	<i>Quercus robur</i>	25.2	27.3
<b>7<sup>th</sup></b>	<i>Alnus glutinosa</i>	20.1	26.1
<b>8<sup>th</sup></b>	<i>Fagus sylvatica</i>	18.6	17.7
<b>9<sup>th</sup></b>	<i>Salix caprea</i>	10.1	16.1
<b>10<sup>th</sup></b>	<i>Alnus incana</i>	10.1	11.7
<b>Rest</b>	Other Species	18.5	29.3
<b>All</b>	All species	2,825.6	3,069.4

## Annex 9.6: National Reporting Tables 11 - 14: Ms. S. Kelatwang

### NATIONAL REPORTING TABLES: T11-T14

Sebueng Kelatwang

### Outline

- Rational for each Table
- Definition
- Input in Global Table
- Time Series: 1990-2000-2005

### National Reporting Table 11 Volume of Wood Supply

#### Rationale

- Actual supply of "Round Wood" from "Forests", "Other Wooded Lands" and "Other Land with Trees" (including Trees Outside Forests).
- Economic and social potential and utility of forest tree species
- Monitor sustained use of tree resources

### A. Global Classification and Definitions (FRA 2005)

#### Contents

- Industrial Round wood supply
- Fuelwood or Wood removal
- Time Series: 1990-2000-2005
- Unit of reporting is m<sup>3</sup>

### H. National Information for FRA 2005 Global Tables

South Africa (WP 75)page :31

Round Wood Supply	"million" m <sup>3</sup> round wood under bark			
	Forest		"OWL" and Trees outside Forest	
	1990	2000	1990	2000
Industrial Round Wood	14	15		
Wood Fuel	0.18	0.19	10.6	12
Total for Country	14.18	15.19	10.6	12

### National Reporting Table 12 Value of Wood Supply

#### Rationale

- "Economic health" of the "Forest", "Other Wooded Land" and "Other Lands with Trees"
- The market value (product of price and quantity) of "wood supply".

### A. Global Classification and Definitions (FRA 2005)

#### Contents

- Value of Round wood
- Value of Fuelwood or wood Fuel
- Time Series: 1990-2000-2005
- Unit of reporting is million Rands

### National Reporting Table 12

Input to Global FRA 2005  
South Africa page: 35

Variable	Value in Rand million		
	1990	2000	2005
Industrial Round Wood Supply	899	3243	4415
Wood Fuel Supply	13	23	2795
Total for Country	912	3266	7210

### National Reporting Table 13 Volume of (NWFP) Supply

#### Rationale

- **Potential of forests in providing NWFP**
- **Priority NWFPs deserve in development of management strategies.**

### A. Global Classification and Definitions (FRA 2005)

#### Contents

- Annual removal of NWFP from Forests
- Annual removal of NWFP from Other Wooded Land
- Time Series: 1990-2000-2005
- Unit of reporting is "tons"

### National Reporting table 13

Input to Global FRA 2005  
South Africa page 38

GFRA Class	Quantity in "000"tons		
	1990	2000	2005
Food	358 420	5 372	5 843
Medicinal	15 700	19 500	20 000
Handicraft			293 000
Honey and bees	60		

### National Reporting Table : 14. Value NWFP Supply

#### Rationale

- Economic health of forest resources and support to local communities
- Allocation of resources and in priority

**A. Global Classification and Definitions (FRA 2005)**

**Contents**

- The total market value of NWFP
- Time Series: 1990-2000-2005
- Unit of reporting is in Rands

**National Reporting Table: 14**

***Input into FRA 2005***

**South Africa: page:38**

GFRA Class	Value in million Rands		
	1990	2000	2005
Food	36	230	248
Medicinal	282	36	
Handicraft		230	

# Annex 9.7: National Reporting Tables 15 - 16: Ms. M. Garzuglia

Training of National Correspondents on  
Assessing and Monitoring  
Forest Land Use and Changes  
November 17 to 21, 2003. FAO, Rome

Introduction to  
National Reporting Table 15  
**"Sites for Social Functions"**  
and  
National Reporting Table 16  
**"Employment in Forest and Other  
Wooded Lands"**

Monica Garzuglia

## Outline

1. Rationale
2. Contents
3. Input to Global Reporting Table
4. Examples from country pilot studies

National Reporting Table 15  
**Sites for Social Functions in Forests and  
Other Wooded lands**

## Rationale

- Measures forest management concern towards social needs.
- Important to understand state and changes of linkages between forest and society.
- Criteria Theme 6

National Reporting Table 15  
**Sites for Social Functions in Forests and  
Other Wooded lands**

## Content

- **Global Variables:**
  - 1) Sites for social functions
  - 2) Visitors
- **Unit of reporting: number in "000"**
- **Reporting years: 1990-2000-2005**

National Reporting Table 15  
**Sites for Social Functions in Forests and  
Other Wooded lands**

## Input to Global Reporting Table

India pilot study (page 51)

Variable	Number		
	Forest and Other Wooded Land		
	1990	2000	2005
<b>Sites for Social Functions</b>	363	573	589
<b>Visitors</b>	205,000	318,000	376,000

National Reporting Table 15  
**Sites for Social Functions in Forests and  
Other Wooded lands**

## Examples from country pilot studies

(Italy, Guatemala, Sweden, India, South Africa)

- Availability of National data
- Results and comments

National Reporting Table 16  
Employment in Forest and Other  
Wooded Lands

## Rationale

- useful in identifying trends in the context of public expectations, government policies, industry developments and socio-economic dependence.
- Criteria Theme 6.

National Reporting Table 16  
Employment in Forest and Other Wooded  
Lands

## Content

- Global Variables:
  - 1) Primary Employment by Wood Removals
  - 2) Primary Employment by NWFP Removals
  - 3) Primary Employment by Other Primary Activities
- Unit of reporting: number in "000" of person-years of full time employment
- Reporting years: 1990-2000-2005

National reporting table 16  
Employment in Forest and Other Wooded  
Lands

## Input to Global Reporting Table

India pilot study (page 55)

Category of staff	Primary activities	Employment (000 person years-full time) in Forests and Other Wooded Land		
		1990	2000	2005
A. Forest Workers	Wood Removals	0.408	0.211	0.119
	NWFP Removals	0.932	0.840	0.474
	Other Primary Activities	5.209	5.159	5.142
	Total	6.549	6.210	5.735
B. Regular staff	For all above activities	0.344	0.344	0.344
Grand Total		6.893	6.500	6.229

National Reporting Table 16  
Employment in Forest and Other Wooded  
Lands

## Country pilot studies examples

(Italy, Guatemala, Sweden, India, South Africa)

- Availability of National data
- Results and comments

## ***Annex 10: Presentations in Third Plenary Session***

Annex 10.1: National Reporting Format and Process: Mr. P. Holmgren

Annex 10.2: Introduction to Terms of Reference for Group Work 1

# Annex 10.1: National Reporting Format and Process: Mr. P. Holmgren

**National Tables  
Reporting format**

Peter Holmgren

**Method**

- 8 steps, common to all 16 tables
- Template provided – FRA WP
- Why this approach?
  - Transparency
  - Traceability
  - REDUCED BURDEN!!!
- Method used in FRA 2000...

**Method – 8 steps**

- A. Global classes
- B. National sources
- C. National classification
- D. National data
- E. Calibration
- F. Estimation / forecasting
- G. Reclassification
- H. Final National data for global table

**Case**

- India
- Table 1 – Extent of forests
- Pages 7-10 in pilot report

**Step A: Global classification**

- Given from guidelines

Forest
Other Wooded Land
Other Land with Tree Cover
Other Land
Inland Water bodies

**Step B: National data sources**

Year	Source
1990	SFR, 1993. State of Forest Resources 1993. Forest Survey of India, Ministry of Environment and Forests, Government of India.
1992	SFR, 1995. State of Forest Resources 1995. Forest Survey of India, Ministry of Environment and Forests, Government of India.
1994	SFR, 1997. State of Forest Resources 1997. Forest Survey of India, Ministry of Environment and Forests, Government of India.
1997	SFR, 1999. State of Forest Resources 1999. Forest Survey of India, Ministry of Environment and Forests, Government of India.
2000	SFR, 2001. State of Forest Resources, 2001. Forest Survey of India, Ministry of Environment and Forests, Government of India.



### Step C: National classification

Forest Cover
Dense Forest
Open Forest
Mangrove Cover
Mangrove
Scrub
Trees Outside Forests
Tree Cover
Non Forest Land

### Step D: National data

Categories	Land Cover in "000" ha				
	1990	1992	1994	1997	2000
Forests	63 938	63 887	63 339	63 729	67 553
Non Forest					
(i) Scrub	5 894	6 052	5 270	5 189	4 731
(ii) Other Non Forest	258 893	258 786	260 116	259 807	256 440
Total (Country Area)	328 726	328 726	328 726	328 726	328 726

### Step E: Calibration

No need.

Total land area match UN statistics.

### Step F: Estimation / forecasting

1990 reported.

2000 reported.

2005 estimated through regression:

Category	Forecasted Land cover in 2005
Forests	67 700
Scrub	4 110

### Step G: Reclassification

National class	Percentage of National class belonging to a FRA Class			
	Forests	OWL	OLwT	Other Land
Classes				
Forests	100			
Non Forest				
(i) Scrub		100		
(ii) Tree Cover			10	90
(iii) Other				100

### Step H: National input done.

FRA 2005 Classes	Extent in "000"ha		
	1990	2000	2005
Forest	63 938	67 553	67 700
Other Wooded Land	5 894	4 731	4 110
Other land with Trees	81	81	81
Other land	227 404	224 952	225 426
Inland water	31 407	31 407	31 407
Total Area	328 726	328 726	328 726

## **16 Tables**

- **Build on variables in FRA 2000**
- **Relate to the common C&I themes**
- **Global terms and definitions, harmonized with other processes**
- **Standardized format and method**

**Global Forest Resources Assessment**

**Group Work I**  
***National Reporting Tables***  
**Terms of Reference**

**Introduction**

***GW I: Some more on the organisation***  
***Purpose and GW Tasks***  
***Work Group procedures (steps)***  
***List of expected outputs (opportunities)***  
***Documentation of findings (templates)***  
***Background documents***  
***Presentation of findings at plenary***

**Organisational framework (1)**

**Round Table Discussion (14-18 participants)**  
**Constellation:**  
**global representation (different regions)**  
**4 different sets of Reporting Tables**  
**(7 tables for each group)**  
**4 common tables:**  
**• Extent of ForestsŽ, • DesignationŽ,**  
**• CharacteristicsŽ and • Forest GSŽ**  
**+ 3 specific Tables**  
**8 steps for each table (T1-“mandatory”...)**

**Organisational framework (2)**

**WG Timeframe:**  
***today: from 10:45 to 17:30***  
***(- 1:30 Lunch/Coffee)= ~ 5:15 hrs***  
***Chair (Moderator) ..to elect...***  
***and Rapporteur (Secretariat) – fixed.***  
***Synthesis of all groups• outputs***  
***(2 templates)***  
***(today - evening, tomorrow – plenary)***

**Purpose and tasks**

- 1) To discuss in detail FRA 2005 national reporting Table 1 • *Extent of ForestsŽ*, to complete data/ information in the proposed format going through the transformation process (8 steps) for reporting to global tables (*Template 1*);
  - 2) To discuss other assigned tables and provide comments, conclusions, assessments and suggestions in the proposed format (*Template 2*).
- To practice, as a part of training process**

**Tasks 1 and 2**

**Task 1:** implementation according to proposed procedures of 8 steps (*next slides*);  
**Task 2:** in line with the requested output (*see the following slides...*)

\*\*\*\*\*

**NB.** Any difficulties, questions, issues identified in the process of working with the national tables should be discussed and documented...

### Task 1: Working steps

- A. FRA 2005 Classification and Definitions
- B. National Data Sources
- C. National Classifications and Definitions
- D. National Data
- E. Calibration
- F. Estimation and Forecasting
- G. Reclassification into FRA 2005 Classes
- H. National Info. for FRA 2005 Gl. Tables

### Task 1: step by step (a)

#### A. FRA 2005 Classification and Definitions (to overview and analyse ...)

- The information on “*extent of forests*” is necessary for assessment of state and change in forest resources on a global basis.
- Global Classification and T&D outlines a common framework to facilitate establishing links between global and national standards

### Task 1: step by step (b)

#### B. National Data Sources

- To make references to reliable sources of information in countries to be used for providing data for FRA 2005 (e.g. Author, Year of publication, Name of the Report, Country, etc)
- To indicate global (and national) variables/parameters for which the source(s) used
- Reference year(s) of the information
- Reliability of data/information (H/M/L)

### Task 1: step by step (c)

#### C. National Classifications and Definitions

- To provide list of Terms (national classes and sub-classes) and their Definitions relating to the national datasets (*derived from the above national sources of information*) for filling in the FRA 2005 National Reporting Table
- To give source of national definitions ...

### Task 1: step by step (d)

#### D. National Data

- To provide national data according to national classes defined above, which are intended for generating information required for the National Reporting Table 1

(e.g. extent of forests by national classes in 1000 ha in 1988, 1992, 2000)

### Task 1: step by step (e)

#### E. Calibration (section 3.3.1 of guidelines)

- To make proportional adjustment of the national reported land area (the sum of all land classes) to the official land area as maintained by FAO
- *define / indicate “calibration factor” for 1990 and 2000 (e.g. 1.0015)*

### Task 1: step by step (f)

#### ***F. Estimation and Forecasting***

(recalculating national data to the specified reference years 1990, 2000, 2005)

- To provide “*estimate*” for 1990 and 2000 by the “*interpolation*” method (if no actual data) and “*forecast*” for 2005 by “*extrapolation*” method (section 3.3.2 of guidelines).

### Task 1: step by step (g)

#### ***G. Reclassification into FRA 2005 classes***

- To make “*aggregation*” or “*disaggregation*” of original (national) classes into one or many global FRA 2005 variables/ classes/ categories based on respective definitions and specification, i.e. to define percentage of a National Class belonging to a relating FRA 2005 class ...
- This will lead to a table showing proportionate (%) allocation of national data to various classes or variables defined in global FRA ...

### Task 1: step by step (h)

#### ***H. National Information for FRA 2005 Global Tables***

- Based on the above results of the transformation process, the calibrated and estimated national data for the three reference years (1990, 2000, 2005) should be classified proportionately into global classes. (example table is following)

### Task 1: step by step (h) - cont.

#### ***H. National Information for FRA 2005 Global Tables***

FRA 2005 classes	Extent in 1000 ha		
	1990	2000	2005
Forest	27062	27224	27305
O W Land	1890	1817	1781
Other Land with Tree Cover	1086	1056	1040
Other Land	11125	11066	11037
<i>Total for country</i>	<i>41163</i>	<i>41163</i>	<i>41163</i>

### Task 2: requested output

- A. Scope and relevance of the national reporting tables (*all assigned tables*)
- B. Comments and recommendations on reporting format (*all assigned tables*)
- C. Assessment of information availability and time series for reporting (“-”-)
- D. Other relevant issues, suggestions ... (e.g. reporting capacity, need for additional resources, etc)

### Task 2: questions to answer (a)

- A. Comments and conclusions on scope and relevance of the national reporting tables for countries, as well as international reporting (*assigned tables*):

1. Does the scope of the table comply with the rationale ?
2. Is the national(global table useful for other International Reporting Processes
3. Does the table meet national reporting needs ?

**Task 2: provide comments (b)**

**B. Comments and recommendations on reporting format (classifications and definitions) used (assigned tables)**

1. Comments on global classification system
2. Comments on global definitions
3. Comments on proposed reporting template

**Task 2: data availability & quality (c)**

**C. Assessment of information availability and time series for each reporting table, and quality of data (assigned tables)**

1. Availability of national data for Reporting Table
2. Availability of sub-national data (including partial data)
3. Availability of regional data (group of countries)
4. Availability of time series (1990, 2000)
5. Data quality (High /Medium /Low)

To name countries that will be able to report on the corresponding global table (if no, why?)

**Task 2: issues, suggestions (d)**

**D. Other relevant issues, suggestions ...**  
(e.g. reporting capacity, need for additional resources, etc)

*To formulate and record accurately..., be constructive ..., take into account realities..., focus successful FRA 2005 implementation*

**Documentation of findings**

➤ **Template 1:** set of tables (“step by step”) to be completed by the working group to come to the National Reporting Table 1 “Extent of Forests (will be available in working groups)

➤ **Template 2:** table for the assigned National Reporting Tables Review; to be filled in for each National Reporting Table (will be available in working groups)

**Presentation of findings at plenary**

❖ **Synthesis of all working groups’ outputs (2 templates) are expected to be done tonight (evening), and presented at plenary (tomorrow)**

\*\*\*\*\*

*This GW exercise is a great opportunity for clarification and final improvements in the global FRA 2005 documentation*

**Background documents**

- Draft FRA 2005 Terms and Definitions
- Draft National Reporting Tables
- Draft Guidelines for Country Reporting
- FRA 2005 Pilot Studies

\*\*\*\*\*

- + any relevant national data/ information (e.g. NFI results)