

ANNEX 2A.1

REPORTING TABLES¹ FOR KP LULUCF ACTIVITIES UNDER THE KYOTO PROTOCOL

¹ The Reporting Tables are for the compilation of relevant information only and differ from the Common Reporting Format (CRF) tables that are designed by SBSTA. Moreover, not all cells provided in the tables need to be filled.

TABLE 2A.1 TABLE OF CONTENTS		
Table	Content	Notes
Summary Table		
Table 1A	Summary table of emissions and removals from activities under Article 3.3, Forest Management and elected activities under Article 3.4	This table is intended to demonstrate completeness in carbon pools and GHG reporting and to report the total net GHG emissions in the inventory year from each mandatory and elected activity.
Table 1B	Selected parameters for defining "Forest" under the Kyoto Protocol (additional information)	
Land Transition Matrix		
Table 2A	Land Transition Matrix with areas and changes in areas between the previous and the current inventory year	The value of the reported area subject to the various activities under Articles 3.3 and 3.4 for the inventory year should be that on 31 December of that year.
		Total area reported in this table should match the total area of the country.
Table 2B	Area of natural forests converted to planted forests (additional information)	This table should be used to report land areas of natural forests converted to planted forests since the start of the commitment period, if any. Associated emissions and removals are implicitly reported under Forest Management.
Key Category Analysis		
Table 3	Summary of <i>key categories</i> for Land Use, Land-Use Change and Forestry activities under the Kyoto Protocol	List all KP-LULUCF <i>key categories</i> and describe for each category why and how it has been identified as key.
Article 3.3: Afforestation and Reforestation		
Table 4A	Article 3.3 activities: Carbon stock changes under Afforestation and Reforestation	Report in this table carbon stock changes in all lands, encompassed by each geographical location, that are subject to Afforestation and Reforestation under Article 3.3.
		All lands reported under Afforestation and Reforestation would otherwise be subject to Forest Management.
Table 4B	Background level of emissions associated with natural disturbances in AR lands and its margin, where a margin is needed (additional information)	Report information in this table only if the Party elected to exclude emissions in forest associated with natural disturbances that are beyond the control of, and not materially influenced by, the Party.
Table 4C	Emissions associated with natural disturbances (additional information)	Report information in this table only if the Party elected to exclude emissions associated with natural disturbances, in AR lands, that are beyond the control of, and not materially influenced by, the Party.
		Information reported in this table is additional to that reported in table 4A and 10, and therefore does not replace the need to report in those tables all carbon stock changes and all non-CO ₂ GHG emissions associated with natural disturbances in AR lands.
		Report in this table information on changes in carbon stocks and non-CO ₂ GHG emissions for the inventory year for all geographical locations that encompass lands subject to Afforestation and Reforestation under Article 3.3 where natural disturbances have occurred.

Table 4D	Removals subsequent to natural disturbances (additional information)	Report information in this table only if the Party elected to exclude emissions associated with natural disturbances, in AR lands, that are beyond the control of, and not materially influenced by, the Party.
		Information reported in this table is additional to that reported in Table 4A, and therefore does not replace the need to report all carbon stock changes in AR lands in that table.
		Report here all removals in the inventory year, for all geographical locations that encompass lands subject to Afforestation and Reforestation where natural disturbances have occurred in any year of the commitment period and whose emissions were excluded from accounting. Where Parties do not exclude natural disturbance emissions from specific lands they should provide information on how they have determined the subsequent removals to be excluded
Article 3.3: Deforestation		
Table 5A	Article 3.3 activities: Carbon stock changes under Deforestation	Report in this table carbon stock changes in all lands, encompassed by each geographical location, that are subject to Deforestation under Article 3.3.
		Lands that have been deforested and subsequently reforested need to be reported as a subcategory of deforested land in order to transparently report emissions and removals on these lands which, despite being reported under D, match the forest definition.
Table 5B	Deforested land previously subject to natural disturbances (additional information)	Report information in this table only if the Party elected to exclude emissions in forest associated with natural disturbances that are beyond the control of, and not materially influenced by, the Party.
		Information reported in this table is additional to that reported in Tables 5A and 10, and therefore does not replace the need to report in those tables all carbon stock changes and non-CO ₂ GHG emissions associated with natural disturbances.
		Report in this table information on land that has been deforested after having been subject to natural disturbances in a year of the commitment period.
Article 3.4: Forest Management		
Table 6A	Article 3.4 activities: Carbon stock changes under Forest Management	Report in this table carbon stock changes in all lands, encompassed by each geographical location, that are subject to Forest Management under Article 3.4.
Table 6B	Forest Management reference level (additional information)	Report here the numerical values of the FMRL (with HWP pool and without), and any further Technical Correction, and information on the methodological approach applied to calculate it.
Table 6C	Carbon Equivalent Forests (CEF) (additional information)	Information reported in this table is additional to that reported in Table 6A, and therefore does not replace the need to report in that table all carbon stock changes associated with clearing and establishing of forests reported as Carbon Equivalent Forests under Forest Management. This table is aimed at checking whether the equivalent forest that has been planted is achieving the expected carbon stock.
		Report in this table information on carbon stock that was in the harvested and converted forest plantation (CEF-hc), at time of harvesting, and of current carbon stock in the equivalent forested area (CEF-ne), for all lands subject to the CEFC provisions, within Forest Management under Article 3.4 (see paragraphs 37-39

		of Annex to Decision 2/CMP.7) for which the "carbon equivalence" has not been achieved yet. This means that lands should be reported here until the year, and including the year, in which the carbon equivalence is achieved.
Table 6D	Background level of emissions associated with natural disturbances in FM lands and its margin, where a margin is needed (additional information)	Report information in this table only if the Party elected to exclude emissions associated with natural disturbances, in FM lands, that are beyond the control of, and not materially influenced by, the Party.
Table 6E	Emissions associated with natural disturbances (additional information)	Report information in this table only if the Party elected to exclude emissions associated with natural disturbances, in FM lands, that are beyond the control of, and not materially influenced by, the Party.
		Information reported in this table is additional to that reported in Tables 6A and 10, and therefore does not replace the need to report all carbon stock changes and non-CO ₂ GHG emissions associated with natural disturbances in those tables.
		Report in this table information on changes in carbon stocks and non-CO ₂ GHG emissions for the inventory year for all geographical locations that encompass lands subject to Forest Management under Article 3.4 where natural disturbances have occurred.
Table 6F	Removals subsequent to natural disturbances (additional information)	Report information in this table only if the Party elected to exclude emissions associated with natural disturbances, in FM lands, that are beyond the control of, and not materially influenced by, the Party.
		Information reported in this table is additional to that reported in Table 6A, and therefore does not replace the need to report all carbon stock changes in FM lands in that table.
		Report in this table all incremental removals in the inventory year, for all geographical locations that encompass lands subject to Forest Management where natural disturbances have occurred in any previous year of the commitment period whose emissions were excluded from accounting. Incremental removals are those additional to the removals from the lands that have been embedded in the FMRL construction. Where Parties do not exclude natural disturbance emissions from specific lands they should provide information on how they have determined the subsequent removals to be excluded.
Article 3.4: Cropland Management – Grazing Land Management – Revegetation – Wetland Drainage and Rewetting		
Table 7	Carbon stock changes under elected Article 3.4 activities	Report in this table carbon stock changes in all lands, encompassed by each geographical location, that are subject to the elected activities under Article 3.4.
		For each elected activity, this table and all relevant tables should also be reported for the base year.
Non-CO₂ GHG emissions		
Table 8A	Direct and Indirect N ₂ O emissions from N inputs to managed soils	Report in this table direct and indirect N ₂ O emissions from N fertilization in all lands, encompassed by each geographical location, which are subject to activities under Article 3.3 and 3.4, and whose emissions have not been reported in the Agriculture Sector.

		N ₂ O emissions from N inputs to areas, subject to Article 3.3 or 3.4, which are activities included under Cropland and Grassland in the Convention reporting should be reported in the Agriculture Sector. If a Party is not able to separate fertilizer applied to different land-use categories, it may report all N ₂ O emissions from fertilization in the Agriculture Sector and this table should not be filled.
Table 8B	N ₂ O emissions from mineralised N resulting from loss of soil organic C stocks in mineral soils through land-use change or management practices	Report in this table N ₂ O emissions from mineralised N resulting from loss of soil organic C stocks in mineral soils through land-use change or management practices in all lands, encompassed by each geographical location, which are subject to activities under Article 3.3 and 3.4, and whose emissions have not been reported in the Agriculture Sector.
		N ₂ O emissions from mineralised N resulting from loss of soil organic C stocks in mineral soils through land-use change or management practices in areas, subject to Article 3.3 or 3.4 activities, which are included under Cropland and Grassland in the Convention reporting should be reported in the Agriculture Sector.
Table 9A	CH ₄ and N ₂ O emissions from Drainage of organic soils	Report in this table CH ₄ and N ₂ O emissions from Drainage of organic soils in all lands, encompassed by each geographical location, which are subject to activities under Article 3.3 and 3.4, and whose emissions have not been reported in the Agriculture Sector.
		CH ₄ and N ₂ O emissions from drainage of organic soils in areas, subject to Article 3.3 and 3.4 activities, which are included under Cropland and Grassland in the Convention reporting should be reported in the Agriculture Sector.
Table 9B	CH ₄ and N ₂ O emissions from Rewetting of organic soils	Report in this table CH ₄ and N ₂ O emissions from Rewetting of organic soils in all lands, encompassed by each geographical location, which are subject to activities under Article 3.3 and 3.4, and whose emissions have not been reported in the Agriculture Sector.
		CH ₄ and N ₂ O emissions from rewetting of organic soils, in areas subject to Article 3.3 and 3.4 activities, which are included under Cropland and Grassland in the Convention reporting should be reported in the Agriculture Sector.
Table 10	GHG emissions from burning of organic matter	Report in this table GHG emissions from burning of organic matter in all lands, encompassed by each geographical location, which are subject to activities under Article 3.3 and 3.4, and whose emissions have not been reported in the Agriculture Sector.
		CO ₂ emissions from burning of organic matter that are reported as C stock changes in the relevant activity table (i.e. Tables 4A, 5A, 6A, and 7) should not be reported here.
		Non-CO ₂ emissions associated with burning of living biomass and DOM of savannas and of agricultural residues should be reported in the Agriculture Sector.
Harvested Wood Products		
Table 11A	Carbon stock changes in the Harvested Wood Products pool	

Table 11B	Harvested Wood Products activity data	HWP originated in the first commitment period from lands subject to AR activities should not be reported here.
		When FM was elected in the first commitment period, HWP originated in the first commitment period from lands subject to FM activities should not be reported here.
		When for FM the Party chose not to include historical HWP in its reporting, HWP originated before 1 January 2013 from lands subject to FM activities should not be reported here.
<p>GENERAL NOTES:</p> <ol style="list-style-type: none"> 1. Geographical location refers to the boundaries of the areas that encompass lands subject to the activity (or subject to the particular provision). 2. Activity data may be further subdivided according to climate zone, management system, soil type, vegetation type, tree species, ecological zone, national land classification or other criteria. One row should be completed for each subdivision. 3. The value reported for net change in SOC of organic soils could be an emission and not a carbon stock change. 		

TABLE 1A SUMMARY TABLE														
Emissions and removals from activities under Article 3.3, Forest Management and elected activities under Article 3.4														
Inventory year:														
Activity		Changes in carbon pool and sources of greenhouse gases reported												
		Above-ground biomass	Below-ground biomass	Litter	Dead wood	HWP	Soil organic matter							
							Mineral soils		Organic soils					
							SOC	N ₂ O emissions from N mineralized during soil organic matter losses in mineral soils	Drainage		Rewetting		Other	
									SOC	non-CO ₂ GHG emissions	SOC	non-CO ₂ GHG emissions		SOC
(Gg C)					(Gg C)	(Gg N ₂ O)	(Gg C)	(Gg CH ₄)	(Gg N ₂ O)	(Gg C)	(Gg CH ₄)	(Gg N ₂ O)	(Gg C)	
Article 3.3 activities	AR													
	D													
Article 3.4 activities	FM													
	CM (if elected)													
	GM (if elected)													
	RV (if elected)													
	WDR (if elected)													
Activity		Changes in carbon pool and sources of greenhouse gases reported						Total emissions/removals reported						
		Fertilization in forest land		Burning of organic matter				Net CO ₂	CH ₄	N ₂ O	Net CO ₂ -equivalent			
		(Gg N ₂ O)		(Gg CO ₂)		(Gg CH ₄)	(Gg N ₂ O)	(Gg)						
Article 3.3 activities	AR													
	D													
Article 3.4 activities	FM													
	CM (if elected)													
	GM (if elected)													
	RV (if elected)													
	WDR (if elected)													

Table 1B Additional information: Selected parameters for defining "Forest" under the Kyoto Protocol	
Inventory year	
Parameter	Selected value
Minimum land area	
Minimum tree crown cover	
Minimum tree height	
Minimum width	

TABLE 2A
LAND TRANSITION MATRIX

Areas and changes in areas of activities between the previous and the current inventory year

Inventory Year		To current inventory year								
		Article 3.3 activities		Article 3.4 activities				Other (i.e. All remaining area in the country)	Total area at the beginning of the current inventory year	
		Afforestation and Reforestation	Deforestation	Forest Management	Cropland Management (if elected)	Grazing Land Management (if elected)	Revegetation (if elected)			Wetland Drainage and Rewetting (if elected)
		(kha)								
From previous inventory year	Article 3.3 activities	Afforestation and Reforestation								
		Deforestation								
	Article 3.4 activities	Forest Management								
		Cropland Management (if elected)			(1)					
		Grazing Land Management (if elected)			(1)					
		Revegetation (if elected)			(1)					
		Wetland Drainage and Rewetting (if elected)			(1)					
	Other (i.e. All remaining area in the country)									
Total area at the end of the current inventory year										
(1) Only in case of Carbon Equivalent Forests										

TABLE 2B ADDITIONAL INFORMATION: AREA OF NATURAL FORESTS CONVERTED TO PLANTED FORESTS				
Inventory year				
GEOGRAPHICAL LOCATION	Area of natural forests converted to planted forests			
Identification code	Subdivision	Year of conversion	Area subject to conversion	Area of organic soils
			(kha)	
Total				

TABLE 3 SUMMARY OF KEY CATEGORIES FOR LAND USE, LAND-USE CHANGE AND FORESTRY ACTIVITIES UNDER THE KYOTO PROTOCOL					
Inventory year					
KEY CATEGORIES	Gas	CRITERIA USED FOR KEY CATEGORY IDENTIFICATION			
Specify key categories according to the national level of disaggregation used		Associated category in UNFCCC inventory is key (indicate the category)?	Is the category contribution greater than the smallest category considered as key in the UNFCCC inventory (including LULUCF)? (Y/N)	Other	COMMENTS ⁽¹⁾

(1) Describe if the category has been identified as a *key category* for trend and/or level assessment, with Approach 1 and/or Approach 2

TABLE 4A ARTICLE 3.3 ACTIVITIES: CARBON STOCK CHANGES UNDER AFFORESTATION AND REFORESTATION												
Inventory year												
GEOGRAPHICAL LOCATION	ACTIVITY DATA						CHANGE IN CARBON STOCK					
Identification code	Subdivision	Year of conversion	Area subject to the activity	Area of organic soils			Carbon stock change in above-ground biomass			Carbon stock change in below-ground biomass		
				Drained	Rewetted	Other	Gains	Losses	Net change	Gains	Losses	Net change
			(kha)			(Gg C)						
TOTAL FOR ACTIVITY AR												
<i>AR lands never subject to the Natural Disturbances provision in a year of the commitment period</i>												
TOTAL												
<i>AR lands subject to the Natural Disturbances provision in a year of the commitment period</i>												
TOTAL												
GEOGRAPHICAL LOCATION	CHANGE IN CARBON STOCK										Net CO ₂ (Gg CO ₂)	
Identification code	Net carbon stock change in litter	Net carbon stock change in dead wood	Net carbon stock change in HWP ⁽¹⁾	Net carbon stock change in soils								
				Mineral soils	Organic soils							
					Drained	Rewetted	Other					
(Gg C)												
TOTAL FOR ACTIVITY AR												
<i>AR lands never subject to the Natural Disturbances provision in a year of the commitment period</i>												
TOTAL												

<i>AR lands subject to the Natural Disturbances provision in a year of the commitment period</i>								
TOTAL								
(1) Data to be reported in this table come from the "Net Change" column of table 11A. A single value for the total net change in the HWP at national level could be reported here. Further, if HWP reporting is based on instantaneous oxidation, then report IO.								

TABLE 4B ADDITIONAL INFORMATION: BACKGROUND LEVEL OF EMISSIONS ASSOCIATED WITH NATURAL DISTURBANCES IN AR LANDS AND ITS MARGIN, WHERE A MARGIN IS NEEDED				
Inventory year				
Methodology applied (default/country-specific)	Background level		Margin (where needed)	
	per unit of area	Adjusted to the area subject to AR in the CP year	per unit of area	Adjusted to the area subject to AR in the CP year
	(Mg CO ₂ -eq ha ⁻¹)	(Gg CO ₂ -eq)	(Mg CO ₂ -eq ha ⁻¹)	(Gg CO ₂ -eq)

TABLE 4C ADDITIONAL INFORMATION: EMISSIONS ASSOCIATED WITH NATURAL DISTURBANCES												
Inventory year												
GEOGRAPHICAL LOCATION	ACTIVITY DATA				EMISSIONS							
					Associated with natural disturbances				Associated with salvage logging			
Identification code	Subdivision	Type of natural disturbances ⁽¹⁾	Year of occurrence of natural disturbances	Area	CO ₂ ⁽²⁾	CH ₄	N ₂ O	Total CO ₂ - equivalent	CO ₂	CH ₄	N ₂ O	Total CO ₂ - equivalent
				(kha)	(Gg)							
Total for activity AR												

(1) More than a single natural disturbance may have occurred in the same year in the same land.

(2) Whether a stock-difference method is used for estimating carbon stock losses in the area subject to natural disturbances, it should be demonstrated that CO₂-C emissions associated with harvesting (including salvage logging), in the inventory year, have not been reported here.

TABLE 4D
ADDITIONAL INFORMATION: REMOVALS SUBSEQUENT TO NATURAL DISTURBANCES

Inventory year				
GEOGRAPHICAL LOCATION	ACTIVITY DATA			REMOVALS
Identification code	Subdivision	Year of occurrence of natural disturbances	Area (kha)	(Gg CO ₂)
Total AR land subject to natural disturbances				

Table 5A													
Article 3.3 activities: Carbon stock changes under Deforestation													
Inventory year													
GEOGRAPHICAL LOCATION	ACTIVITY DATA						CHANGE IN CARBON STOCK						
Identification code	Subdivision	Year of conversion	Article 3.4 activity to which the land would otherwise be subject ⁽¹⁾	Area subject to the activity	Area of organic soils			Carbon stock change in above-ground biomass			Carbon stock change in below-ground biomass		
					Drained	Rewetted	Other	Gains	Losses	Net change	Gains	Losses	Net change
				(kha)			(Gg C)						
Total for activity D ⁽²⁾													
Total for areas subsequently reforested ⁽³⁾													
GEOGRAPHICAL LOCATION	CHANGE IN CARBON STOCK											Net CO ₂	
Identification code	Net carbon stock change in litter		Net carbon stock change in dead wood		Net carbon stock change in soils								
	(Gg C)		(Gg C)		Mineral soils		Organic soils						
					Drained	Rewetted	Other						
Total for activity D ⁽²⁾													
Total for areas subsequently reforested ⁽³⁾													

(1) Whether the land would be otherwise subject to FM or to any elected activity, the identification acronym of FM or of the elected activity (i.e. CM, GM, RV, or WDR) should be reported

- here (see paragraph 2 (b) (ii) of Annex II to Decision 2/CMP.8)
- (2) Entries in this section exclude the values reported for areas subsequently reforested.
- (3) Entries in this section are additional to the totals for the geographical locations for activity D.

TABLE 5B ADDITIONAL INFORMATION: DEFORESTED LAND PREVIOUSLY SUBJECT TO NATURAL DISTURBANCES								
Inventory year								
GEOGRAPHICAL LOCATION	ACTIVITY DATA				EMISSIONS ASSOCIATED WITH NATURAL DISTURBANCES			
Identification code	Subdivision	Year of occurrence of natural disturbances	Type of natural disturbances ⁽¹⁾	Area	CO ₂	CH ₄	N ₂ O	Total CO ₂ -equivalent
				(kha)				
Total land where deforestation followed natural disturbances								

(1) More than a single natural disturbance may have occurred in the same year in the same land

Table 6A Article 3.4 activities: Carbon stock changes under Forest Management												
Inventory year												
GEOGRAPHICAL LOCATION	ACTIVITY DATA						CHANGE IN CARBON STOCK					
Identification code	Subdivision	Year ⁽¹⁾	Area subject to the activity	Area of organic soils			Carbon stock change in above-ground biomass			Carbon stock change in below-ground biomass		
				Drained	Rewetted	Other	Gains	Losses	Net change	Gains	Losses	Net change
			(kha)			(Gg C)						
TOTAL FOR ACTIVITY FM												
<i>FM lands never subject to the Natural Disturbances provision in a year of the commitment period (excluding CEFC land)</i>												
TOTAL												
<i>New forested land for CEFC (CEF-ne) never subject to the Natural Disturbances provision in a year of the commitment period</i>												
TOTAL												
<i>Harvested and converted land within CEFC (CEF-hc)</i>												
TOTAL												
<i>FM lands subject to the Natural Disturbances provision in a year of the commitment period (excluding CEFC land)</i>												
TOTAL												
<i>New forested land for CEFC (CEF-ne) subject to the Natural Disturbances provision in a year of the commitment period</i>												
TOTAL												

Table 6A (continued)								
Article 3.4 activities: Carbon stock changes under Forest Management								
Inventory year								
GEOGRAPHICAL LOCATION	CHANGE IN CARBON STOCK							Net CO ₂ (Gg CO ₂)
Identification code	Net carbon stock change in litter	Net carbon stock change in dead wood	Net carbon stock change in HWP ⁽²⁾	Net carbon stock change in soils				
				Mineral soils	Organic soils			
					Drained	Rewetted	Other	
(Gg C)								(Gg CO ₂)
TOTAL FOR ACTIVITY FM								
<i>FM lands never subject to the Natural Disturbances provision in a year of the commitment period (excluding CEFC land)</i>								
<i>New forested land for CEFC (CEF-ne)</i>								
TOTAL								
<i>Harvested and converted land within CEFC (CEF-hc) never subject to the Natural Disturbances provision in a year of the commitment period</i>								
TOTAL								
<i>FM lands subject to the Natural Disturbances provision in a year of the commitment period (excluding CEFC land)</i>								
TOTAL								
<i>New forested land for CEFC (CEF-ne) subject to the Natural Disturbances provision in a year of the commitment period</i>								
TOTAL								

(1) For lands reported as Carbon Equivalent Forest, report here the year in which the land has been either forested or harvested and converted. While for lands subject to natural disturbances for which associated emissions have been excluded from accounting, report here the year in which the natural disturbances occurred.

(2) Data to be reported in this table come from the "Net Change" column of table 11A. A single value for the total net change in the HWP at national level could be reported here. Further, if HWP reporting is based on instantaneous oxidation, report IO here.

TABLE 6B ADDITIONAL INFORMATION: FOREST MANAGEMENT REFERENCE LEVEL						
Inventory year						
Approach applied				Value inscribed in Appendix to Decision 2/CMP.7 ⁽¹⁾		Technical correction as calculated in the reporting year:
Approach	Inclusion of Natural Disturbance (Yes/No)	HWP		with instantaneous oxidation for HWP	with first order decay function for HWP	
		Methodology ⁽²⁾	Inclusion of the historical stock ⁽³⁾ (Yes/No)			
				Gg CO ₂ -eq yr ⁻¹		
<p>(1) The value inscribed in Appendix to Decision 2/CMP.7 is reported here in Gg CO₂-eq yr⁻¹</p> <p>(2) Instantaneous oxidation, First Order Decay function, Country-specific</p> <p>(3) This is reflected in cell "Initial stock" in Table 11A</p>						

TABLE 6C ADDITIONAL INFORMATION: CARBON EQUIVALENT FORESTS (CEF)								
Inventory year								
HARVESTED AND CONVERTED AREA (CEF-hc)				EQUIVALENT NEW FORESTED AREA (CEF-ne)				
GEOGRAPHICAL LOCATION	Area	Carbon stock at harvesting	Normal Harvesting cycle	GEOGRAPHICAL LOCATION	CURRENT DATA			
					Subdivision	Area	Age of plantation	Carbon stock
Identification code	(kha)	(Gg C)	Years	Identification code		(kha)	Years	(Gg C)
Total				Total				

TABLE 6D ADDITIONAL INFORMATION: BACKGROUND LEVEL OF EMISSIONS ASSOCIATED WITH NATURAL DISTURBANCES IN FM LANDS AND ITS MARGIN, WHERE A MARGIN IS NEEDED				
Inventory year				
Methodology applied (default/country-specific)	Background level		Margin (where needed)	
	per unit of area	Adjusted to the area subject to FM in the CP year	per unit of area	Adjusted to the area subject to FM in the CP year
	(Mg CO ₂ -eq ha ⁻¹)	(Gg CO ₂ -eq)	(Mg CO ₂ -eq ha ⁻¹)	(Gg CO ₂ -eq)

TABLE 6E ADDITIONAL INFORMATION: EMISSIONS ASSOCIATED WITH NATURAL DISTURBANCES												
Inventory year												
GEOGRAPHICAL LOCATION	ACTIVITY DATA				EMISSIONS							
					Associated with natural disturbances				Associated with salvage logging			
Identification code	Subdivision	Type of natural disturbances ⁽¹⁾	Year of occurrence of natural disturbances	Area	CO ₂ ⁽²⁾	CH ₄	N ₂ O	Total CO ₂ - equivalent	CO ₂	CH ₄	N ₂ O	Total CO ₂ - equivalent
				(kha)	(Gg)							
Total for activity FM												

(1) More than a single natural disturbance may have occurred in the same year in the same land.

(2) When a stock-difference method is used for estimating carbon stock losses in the area subject to natural disturbances, it should be demonstrated that CO₂-C emissions associated with harvesting (including salvage logging), in the inventory year, have not been reported here.

TABLE 6F
ADDITIONAL INFORMATION: REMOVALS SUBSEQUENT TO NATURAL DISTURBANCES

Inventory year				
GEOGRAPHICAL LOCATION	ACTIVITY DATA			INCREMENTAL REMOVALS
Identification code	Subdivision	Year of occurrence of natural disturbances	Area (kha)	(Gg CO ₂)
Total FM land subject to natural disturbances				

Table 7 Carbon stock changes under elected Article 3.4 activities												
Inventory year												
GEOGRAPHICAL LOCATION	ACTIVITY DATA						CHANGE IN CARBON STOCK					
Identification code	Activity ⁽¹⁾	Subdivision	Area subject to the activity	Area of organic soils			Carbon stock change in above-ground biomass			Carbon stock change in below-ground biomass		
				Drained	Rewetted	Other	Gains	Losses	Net change	Gains	Losses	Net change
			(kha)			(Gg C)						
Total for elected activity ⁽²⁾												
GEOGRAPHICAL LOCATION	CHANGE IN CARBON STOCK								Net CO ₂			
Identification code	Net carbon stock change in litter		Net carbon stock change in dead wood		Net carbon stock change in soils							
					Mineral soils	Organic soils						
	Drained	Rewetted	Other									
(Gg C)								(Gg CO ₂)				
Total for elected activity ⁽²⁾												

(1) Report the identification acronym of the elected activity (i.e. CM, GM, RV, or WDR)

(2) For each elected activity, complete a set of rows with lands subject to the elected activity and add one row with the total for the elected activity

TABLE 8A
DIRECT AND INDIRECT N₂O EMISSIONS FROM N INPUTS TO MANAGED SOILS

Inventory year				
GEOGRAPHICAL LOCATION	ACTIVITY DATA			EMISSIONS
Identification code	Activity ⁽¹⁾	Subdivision	Total amount of N inputs applied	N ₂ O
			(kt N/year)	(Gg)
Total				
Total activity AR				
Total activity D				
Total activity FM				
Total elected activity ⁽²⁾				

(1) Report the identification acronym of the elected activity (i.e. CM, GM, RV, or WDR).

(2) For each elected activity, complete a set of rows with lands subject to the activity and add one row with the total for the elected activity.

TABLE 8B				
N₂O EMISSIONS FROM MINERALISED N RESULTING FROM LOSS OF SOIL ORGANIC C STOCKS IN MINERAL SOILS THROUGH LAND-USE CHANGE OR MANAGEMENT PRACTICES				
Inventory year				
GEOGRAPHICAL LOCATION	ACTIVITY DATA			EMISSIONS
Identification code	Activity ⁽¹⁾	Subdivision	Land area converted (kha)	N ₂ O (Gg)
Total				
Total activity AR				
Total activity D				
Total activity FM				
Total elected activity ⁽²⁾				

(1) Report the identification acronym of the elected activity (i.e. CM, GM, or RV).

(2) For each elected activity, complete a set of rows with lands subject to the activity and add one row with the total for the elected activity.

TABLE 9A
CH₄ AND N₂O EMISSIONS FROM DRAINAGE OF ORGANIC SOILS

Inventory year					
GEOGRAPHICAL LOCATION	ACTIVITY DATA			EMISSIONS	
Identification code	Activity ⁽¹⁾	Subdivision	Area (kha)	N ₂ O	CH ₄
Total				(Gg)	
Total activity AR					
Total activity D					
Total activity FM					
Total elected activity ⁽²⁾					

(1) Report the identification acronym of the elected activity (i.e. CM, GM, RV, or WDR).

(2) For each elected activity, complete a set of rows with lands subject to the activity and add one row with the total for the elected activity

TABLE 9B
CH₄ AND N₂O EMISSIONS FROM REWETTING OF ORGANIC SOILS

Inventory year					
GEOGRAPHICAL LOCATION	ACTIVITY DATA			EMISSIONS	
Identification code	Activity ⁽¹⁾	Subdivision	Area (kha)	N ₂ O ⁽²⁾	CH ₄
Total				(Gg)	
Total activity AR					
Total activity D					
Total activity FM					
Total elected activity ⁽³⁾					

(1) Report the identification acronym of the elected activity (i.e. CM, GM, RV, or WDR).
(2) Under Tier 1 this is assumed to be negligible
(3) For each elected activity, complete a set of rows with lands subject to the activity and add one row with the total for the elected activity

TABLE 10
GHG EMISSIONS FROM BURNING OF ORGANIC MATTER

Inventory year											
GEOGRAPHICAL LOCATION	ACTIVITY DATA								EMISSIONS		
Identification code	Activity ⁽¹⁾	Subdivision	CARBON POOLS						CO ₂ ⁽⁴⁾	CH ₄	N ₂ O
			Living biomass (LB)		Dead Organic Matter (DOM)		Soil Organic Matter (SOM) ⁽³⁾				
			Description ⁽²⁾	Value	Description ⁽²⁾	Value	Description ⁽²⁾	Value	CO ₂ ⁽⁴⁾	CH ₄	N ₂ O
			Area burned (kha) LB burned (kt dm)		Area burned (kha) DOM burned (kt dm)		Area burned (kha) SOM burned (kt dm)				
Total											
Total activity AR											
<i>Total for controlled burning</i>											
<i>Total for wildfires</i>											
Total activity D											
<i>Total for controlled burning</i>											
<i>Total for wildfires</i>											

TABLE 10 (CONTINUED)
GHG EMISSIONS FROM BURNING OF ORGANIC MATTER

Inventory year											
GEOGRAPHICAL LOCATION	ACTIVITY DATA								EMISSIONS		
	Identification code	Activity ⁽¹⁾	Subdivision	CARBON POOLS						CO ₂ ⁽⁴⁾	CH ₄
Living biomass (LB)				Dead Organic Matter (DOM)		Soil Organic Matter(SOM) ⁽³⁾					
Description ⁽²⁾				Value	Description ⁽²⁾	Value	Description ⁽²⁾	Value			
Area burned (kha) LB burned (kt dm)					Area burned (kha) DOM burned (kt dm)		Area burned (kha) SOM burned (kt dm)		(Gg)		
Total activity FM											
Total for controlled burning											
Total for wildfires											
Total elected activity ⁽⁵⁾											
Total for controlled burning											
Total for wildfires											

(1) Report the identification acronym of the elected activity (i.e. CM, GM, RV, or WDR).
(2) For each activity, activity data should be selected from either area burned (kha) or organic matter burned (kt dm).
(3) Report this pool only in case of peatland burning.
(4) If CO₂ emissions from biomass burning are not already included in the carbon-stock change table of the relevant activity, they should be reported here. This also includes the carbon component of CH₄.
(5) For each elected activity, complete a set of rows with lands subject to the activity and add rows with the totals (total wildfire, total prescribed burning, and total for the activity) of the elected activity

TABLE 11A
CARBON STOCK CHANGES IN THE HARVESTED WOOD PRODUCTS POOL

Inventory year										
ORIGIN OF WOOD		PRODUCT TYPE			PARAMETERS		CHANGE IN CARBON STOCK			Net CO ₂
	Harvest	HWP categories ⁽¹⁾	Subcategories ⁽⁵⁾	Half-life ⁽²⁾	Initial stock ⁽³⁾	Gains ⁽⁴⁾	Losses ⁽⁴⁾	Net change		
	(Gg C)			(yrs)	(Gg C)			(Gg)		
Total		Total								
		Total for HWP_{AR}								
		Total for category								
Article 3.3 activity	From Afforestation and Reforestation			Domestically consumed						
				Exported						
				Domestically consumed						
				Exported						
			Total for category							
				Domestically consumed						
				Exported						
				Domestically consumed						
				Exported						
			Total for category							
				Domestically consumed						
				Exported						
		Domestically consumed								
		Exported								
From Deforestation										

TABLE 11A (CONTINUED)
CARBON STOCK CHANGES IN THE HARVESTED WOOD PRODUCTS POOL

Inventory Year											
ORIGIN OF WOOD		PRODUCT TYPE			PARAMETERS		CHANGE IN CARBON STOCK			Net CO ₂	
	Harvest	HWP categories ⁽¹⁾	Subcategories ⁽⁵⁾		Half-life ⁽²⁾	Initial stock ⁽³⁾	Gains ⁽⁴⁾	Losses ⁽⁴⁾	Net change		
	(Gg C)				(yrs)	(Gg C)			(Gg)		
Article 3.4 activity	From Forest Management	Total for HWP_{FM}									
		Total for category									
				Domestically consumed							
				Exported							
				Domestically consumed							
				Exported							
		Total for category									
				Domestically consumed							
				Exported							
				Domestically consumed							
				Exported							
		Total for category									
				Domestically consumed							
				Exported							
From all remaining lands											

(1) Includes sawnwood, wood-based panels, paper and paperboard.
(2) Half-lives are needed when applying flux data method (i.e. Tier 2 method)
(3) Initial stock is the HWP stock of the specific product type at 1 January of the inventory year.
(4) Gains refer to annual carbon inflow to HWP pool, losses refer to annual carbon outflow from HWP pool.
(5) Subcategories refers to the HWP subcategories listed in Table 2.8.1.

TABLE 11B HARVESTED WOOD PRODUCTS ACTIVITY DATA ⁽¹⁾									
Inventory year									
Year	HWP category ⁽²⁾								
	Reported unit ⁽³⁾								
	C conversion factor ⁽⁴⁾								
	Production	Import	Export	Production	Import	Export	Production	Import	Export

(1) The information in Table 11B should be compiled based on mass weighted averages (see Table 2.8.1 of Section 2.8)

(2) Includes sawnwood, wood-based panels, paper and paperboard. In cases where country-specific subcategories are used, it is good practice for countries to transparently document this in their inventory reports.

(3) e.g. m³ or t

(4) Applied to convert from HWP category units to carbon