

UN-REDD approach to GHG inventory component of an NFMS

FAO UN-REDD

**African Regional Workshop on REDD+
National Forest Monitoring Systems and
Greenhouse Gas (GHG) National Inventory Systems
Livingstone, Zambia**

25-28 February 2014

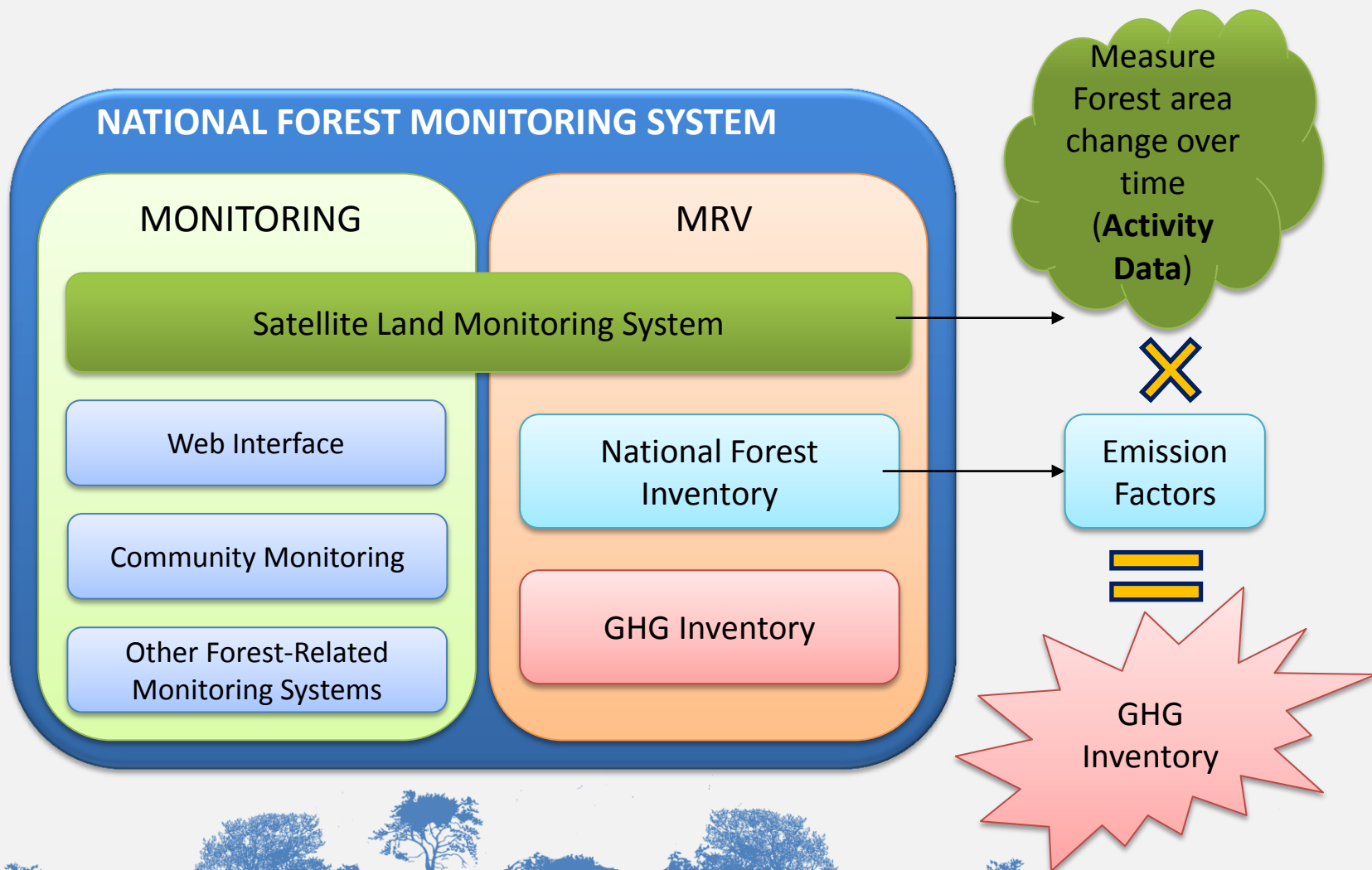


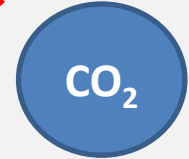
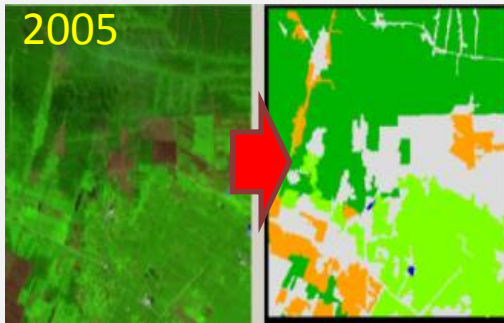
The MRV function consists of three main components or ‘pillars’:

- 1. The satellite land monitoring system (SLMS)**
 - To collect Activity Data (AD) on forest area change
- 2. The national forest inventory (NFI)**
 - To gather information to obtain Emission Factors (EFs)
- 3. The national GHG inventory (GHG-I)**
 - To provide emissions & removals estimates for national GHG inventory report



National Forest Monitoring Systems for REDD+





	FL Wet evergreen	FL Moist evergreen	FL Moist semi-deciduous	FL Semi-deciduous	FL North-west subtype	FL North-west subtype	FL Dry semi-deciduous	Agricultural land	Other land	Unclassified	Initial Area
FL Wet evergreen	51										51
FL Moist evergreen	42										42
FL Moist semi-deciduous		60									60
FL Semi-deciduous			52								52
FL North-west subtype				12							12
FL North-west subtype					2						2
FL Dry semi-deciduous						2					2
Agricultural land							25		2		27
Other land	5	2						3	1		13
Unclassified										20	25
Initial Area	56	44	61	52	13	8	29	25	22	12	25
Net change (Δ=TD-T0)	-8	-2	-1	0	-1	-4	-2	-12	3	1	-11

Area change data from satellite remote sensing

Forest carbon stock change data from a national forest inventory

Inventory of greenhouse gas emissions from the forest sector

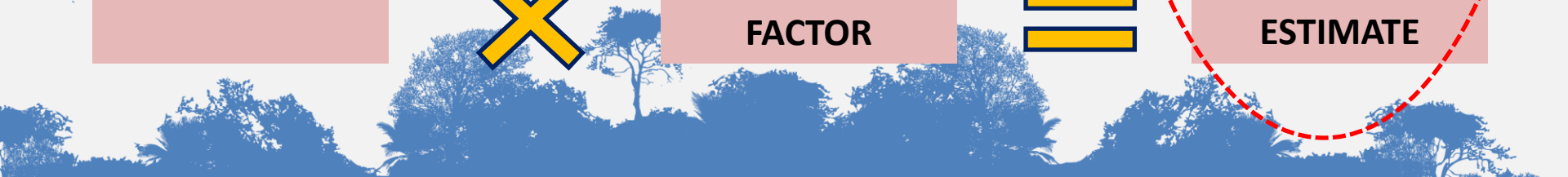
ACTIVITY DATA



EMISSION FACTOR



EMISSIONS ESTIMATE



1. Above-ground biomass
 2. Below-ground biomass
- } biomass

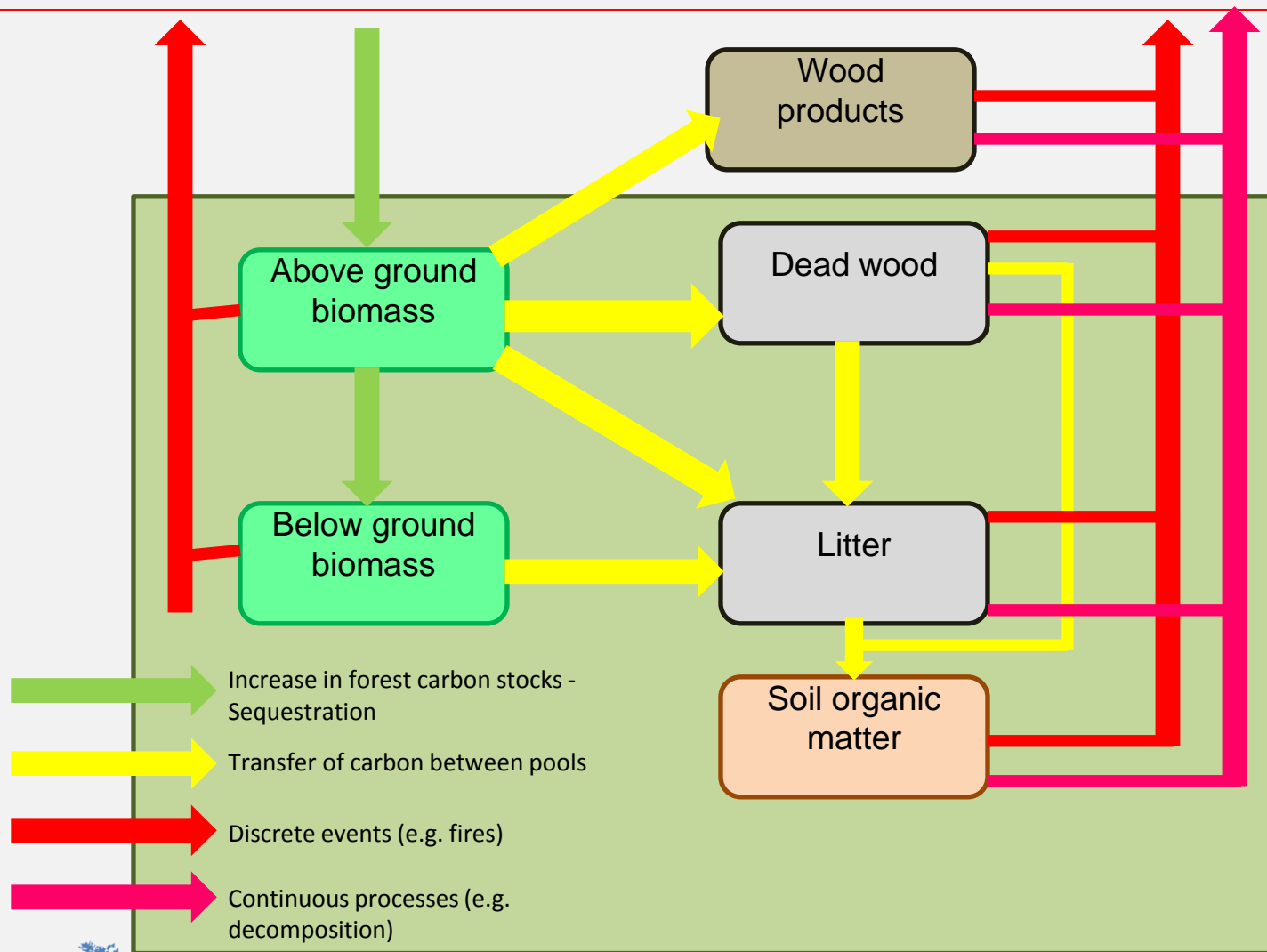
3. Deadwood
 4. Litter
- } dead organic matter

5. Soil
- { - mineral
- organic

$$\underline{\Delta\text{Carbon}} = \Delta C_{AB} + \Delta C_{BB} + \Delta C_{DW} + \Delta C_{LI} + \Delta C_{SO}$$



Changes in Forest Carbon Pools



Activity Data in a GHG Inventory report



Empowered lives.
Resilient nations.

TABLE 5(KP-1)A.2. SUPPLEMENTARY BACKGROUND DATA ON CARBON STOCK CHANGES AND NET CO₂ EMISSIONS AND REMOVALS FOR LAND USE, LAND-USE CHANGE AND FORESTRY ACTIVITIES UNDER THE KYOTO Protocol Article 3.3 activities: Deforestation ¹⁰¹

GEOGRAPHICAL LOCATION ¹⁰¹		ACTIVITY DATA			IMPLIED CARBON STOCK CHANGE FACTORS ¹⁰¹						NET CARBON STOCK ¹⁰¹				Net CO ₂ emissions/removals ¹⁰¹ (Gg CO ₂)		
Identification code	Subdivision ¹⁰¹	Area subject to the activity (kha)	Area of organic soils ¹⁰¹ (kha)	Carbon stock change in above-ground biomass per			Carbon stock change in below-ground biomass per			Net carbon stock change in litter per	Net carbon stock change in litter ¹⁰¹	Net carbon stock change in dead wood ¹⁰¹	Net carbon stock change in soils ¹⁰¹			Net CO ₂ emissions/removals ¹⁰¹	
				Gains	Losses	Net change	Gains	Losses	Net change				Mineral soils	Organic soils ¹⁰¹			
				(Mg C/ha)													
Total for activity A.2.		6,501.52	NO	0.00	-0.39	-0.39	0.00	-0.17	-0.17	-0.15							
	NSW ¹⁰¹	1,020.73	NO	0.00	-0.80	-0.80	0.00	-0.34	-0.34	-0.33							
	Acacia Forest and Woodland	61.17	NO	IE	-0.18	-0.18	IE	-0.08	-0.08	-0.14							
	Acacia Open Woodland	0.44	NO	IE	-0.52	-0.52	IE	-0.50	-0.50	-0.22							
	Acacia Shrubland	93.21	NO	IE	-0.12	-0.12	IE	-0.12	-0.12	-0.15							
	Callitris Forest and Woodland	48.32	NO	IE	-0.46	-0.46	IE	-0.21	-0.21	-0.29							
	Casuarina Forest and Woodland	51.32	NO	IE	-0.39	-0.39	IE	-0.18	-0.18	-0.23							
	Eucalyptus Low Open	1.38	NO	IE	0.19	0.19	IE	0.09	0.09	-0.20							
	Eucalyptus Open Forest	243.31	NO	IE	-1.39	-1.39	IE	-0.63	-0.63	-0.58							
	Eucalyptus Open	82.39	NO	IE	-1.58	-1.58	IE	-0.66	-0.66	-0.30							
	Eucalyptus Tall Open Forest	20.71	NO	IE	-2.37	-2.37	IE	-0.31	-0.31	-0.76							
	Eucalyptus Woodland	338.73	NO	IE	-0.62	-0.62	IE	-0.26	-0.26	-0.26							
	Heath	1.62	NO	IE	-1.38	-1.38	IE	-1.35	-1.35	-0.59							
	Low Closed Forest and Mallee	1.98	NO	IE	-0.29	-0.29	IE	-0.28	-0.28	-0.14							
	Woodland and Melaleuca	69.97	NO	IE	-0.08	-0.08	IE	-0.08	-0.08	-0.11							
	Melaleuca	0.79	NO	IE	-2.35	-2.35	IE	-1.08	-1.08	-0.19							

AUSTRALIA
Inventory 2011
Submission 2013 v1.1

Emission Factors in the GHG Inventory report

TABLE 5(KP-1)A.2. SUPPLEMENTARY BACKGROUND DATA ON CARBON STOCK CHANGES AND NET CO₂ EMISSIONS AND REMOVALS FOR LAND USE, LAND-USE CHANGE AND FORESTRY ACTIVITIES UNDER THE KYOTO PROTOCOL
Article 3.3 activities: Deforestation¹⁰¹

GEOGRAPHICAL LOCATION ¹⁰¹	ACTIVITY DATA		IMPLIED CARBON STOCK CHANGE FACTORS ¹⁰¹										Implied emission / removal factor per area ¹⁰¹	CHANGE IN CARBON STOCK ¹⁰¹						Net CO ₂ emissions/removals ¹⁰¹					
	Subdivision ¹	Area subject to the activity (kha)	Area of organic soils ²¹ (kha)	Carbon stock change in above-ground biomass per			Carbon stock change in below-ground biomass per			Net carbon stock change in litter per	Net carbon stock change in dead wood	Net carbon stock change in soils per		Carbon stock change in above-ground biomass ¹⁰¹			Carbon stock change in below-ground biomass ¹⁰¹				Net carbon stock change in litter ¹⁰¹	Net carbon stock change in dead wood ¹⁰¹	Net carbon stock change in soils ¹⁰¹		
				Gains	Losses	Net change	Gains	Losses	Net change			Mineral soils		Organic soils	Gains	Losses	Net change	Gains	Losses				Net change	Mineral soils	Organic soils
Total for activity A.2.		6,571.52	NO	0.00	-0.39	-0.39	0.00	-0.17	-0.17	-0.15	-0.34	-0.47	NO	5.57	0.50	-2,561.09	-2,560.59	0.23	-1,135.73	-1,135.50	-958.47	-2,185.90	-3,044.52	NO	36,244.92
<i>Australia</i>		1,220.73	NO	0.00	-0.80	-0.80	0.00	-0.34	-0.34	-0.33	-0.41	-0.55	NO	8.87	0.27	-812.57	-812.30	0.12	-350.44	-350.32	-331.81	-416.51	-556.98	NO	9,049.08
<i>Acacia Forest and Woodland</i>		61.17	NO	IE	-0.18	-0.18	IE	-0.08	-0.08	-0.14	-0.18	0.01	NO	2.08	IE	-10.92	-10.92	IE	-4.95	-4.95	-8.59	-10.92	0.69	NO	127.18
<i>Acacia Open Woodland</i>		0.44	NO	IE	-0.52	-0.52	IE	-0.50	-0.50	-0.22	-0.33	0.04	NO	5.61	IE	-0.23	-0.23	IE	-0.22	-0.22	-0.10	-0.15	0.02	NO	2.49
<i>Acacia Shrubland</i>		93.21	NO	IE	-0.12	-0.12	IE	-0.12	-0.12	-0.15	-0.06	-0.01	NO	1.71	IE	-11.28	-11.28	IE	-10.86	-10.86	-14.21	-5.86	-1.38	NO	159.82
<i>Callitris Forest and Woodland</i>		48.32	NO	IE	-0.46	-0.46	IE	-0.21	-0.21	-0.29	-0.15	-0.19	NO	4.76	IE	-22.01	-22.01	IE	-10.10	-10.10	-14.15	-7.09	-9.17	NO	229.99
<i>Casuarina Forest and Woodland</i>		51.32	NO	IE	-0.39	-0.39	IE	-0.18	-0.18	-0.23	-0.45	-0.05	NO	4.74	IE	-20.05	-20.05	IE	-9.03	-9.03	-11.68	-23.06	-2.53	NO	243.29
<i>Eucalyptus Low Open Forest/Grass</i>		1.38	NO	IE	0.19	0.19	IE	0.09	0.09	-0.20	-0.50	-0.23	NO	2.40	IE	0.27	0.27	IE	0.12	0.12	-0.28	-0.69	-0.22	NO	3.31
<i>Eucalyptus Open Forest/Grass</i>		61.21	NO	IE	1.00	1.00	IE	0.00	0.00	0.50	1.00	1.00	NO	10.00	IE	807.30	807.30	IE	150.30	150.30	116.47	885.00	885.00	NO	4,386.28
<i>Eucalyptus Open Forest/Grass</i>		0.00	NO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NO	896.73
<i>Eucalyptus Open Forest/Grass</i>		0.00	NO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NO	522.03
<i>Eucalyptus Open Forest/Grass</i>		0.00	NO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NO	2,103.99
<i>Eucalyptus Open Forest/Grass</i>		0.00	NO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NO	32.09
<i>Eucalyptus Open Forest/Grass</i>		0.00	NO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NO	7.70
<i>Eucalyptus Open Forest/Grass</i>		0.00	NO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NO	181.40
<i>Eucalyptus Open Forest/Grass</i>		0.00	NO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	NO	13.15

IMPLIED CARBON STOCK CHANGE FACTORS ¹⁰¹										Implied emission / removal factor per area ¹⁰¹
Carbon stock change in above-ground biomass per			Carbon stock change in below-ground biomass per			Net carbon stock change in litter per	Net carbon stock change in dead wood	Net carbon stock change in soils per		
Gains	Losses	Net change	Gains	Losses	Net change			Mineral soils	Organic soils	
(Mg C/ha)										Mg CO ₂ /ha

Carbon stock change for the 5 pools in GHG report

TABLE 5(KP-1)A.2. SUPPLEMENTARY BACKGROUND DATA ON CARBON STOCK CHANGES AND NET CO₂ EMISSIONS AND REMOVALS FOR LAND USE, LAND-USE CHANGE AND FORESTRY ACTIVITIES UNDER THE KYOTO PROTOCOL
Article 3.3 activities: Deforestation¹⁴¹

GEOGRAPHICAL LOCATION ¹⁴¹	ACTIVITY DATA			IMPLIED CARBON STOCK CHANGE FACTORS ¹⁴¹										Implied emission / removal factor per area ¹⁴¹	CHANGE IN CARBON STOCK ¹⁴¹										Net CO ₂ emissions/removals ¹⁴¹		
	Identification code	Subdivision ¹	Area subject to the activity (kha)	Area of organic soils ¹ (kha)	Carbon stock change in above-ground biomass per			Carbon stock change in below-ground biomass per			Net carbon stock change in litter per	Net carbon stock change in dead wood	Net carbon stock change in soils per		Carbon stock change in above-ground biomass ¹⁴¹			Carbon stock change in below-ground biomass ¹⁴¹			Net carbon stock change in litter ¹⁴¹	Net carbon stock change in dead wood ¹⁴¹	Net carbon stock change in soils ¹⁴¹				
					Gains	Losses	Net change	Gains	Losses	Net change			Mineral soils		Organic soils	Gains	Losses	Net change	Gains	Losses			Net change	Mineral soils		Organic soils	
					(Mg C/ha)										(Gg C)												
														Mg CO ₂ /h											(Gg CO ₂)		
Total for activity A.2.			6,501.52	NO	0.00	-0.39	-0.39	0.00	-0.17	-0.17	-0.15	-0.34	-0.47	NO	5.57	0.50	-2,561.09	-2,560.59	0.23	-1,135.73	-1,135.50	-958.47	-2,185.90	-3,044.52	NO	36,244.92	
<i>Australia</i>			1,020.73	NO	0.00	-0.80	-0.80	0.00	-0.34	-0.34	-0.33	-0.41	-0.55	NO	8.87	0.27	-812.57	-812.30	0.12	-350.44	-350.32	-331.81	-416.51	-556.98	NO	9,049.08	
<i>Acacia Forest and Woodland</i>			61.17	NO	IE	-0.18	-0.18	IE	-0.08	-0.08	-0.14	-0.18	0.01	NO	2.08	IE	-10.92	-10.92	IE	-4.95	-4.95	-8.59	-10.92	0.69	NO	127.18	
<i>Acacia Open Woodland</i>			0.44	NO	IE	-0.52	-0.52	IE	-0.50	-0.50	-0.22	-0.33	0.04	NO	5.61	IE	-0.23	-0.23	IE	-0.22	-0.22	-0.10	-0.15	0.02	NO	2.49	
<i>Acacia Shrubland</i>			93.21	NO	IE	-0.12	-0.12	IE	-0.12	-0.12	-0.15	-0.06	-0.01	NO	1.71	IE	-11.28	-11.28	IE	-10.86	-10.86	-14.21	-5.86	-1.38	NO	159.82	
<i>Callitris Forest and Woodland</i>			48.32	NO	IE	-0.46	-0.46	IE	-0.21	-0.21	-0.29	-0.15	-0.19	NO	4.76	IE	-22.01	-22.01	IE	-10.10	-10.10	-14.65	-7.29	-9.17	NO	229.99	
<i>Casuarina Forest and Eucalyptus</i>			51.32	NO	IE	-0.39	-0.39	IE	-0.18	-0.18	-0.23	-0.45	-0.05	NO	4.74	IE	-20.05	-20.05	IE	-9.03	-9.03	-11.68	-23.06	-2.53	NO	243.29	
<i>Eucalyptus Low Open</i>			1.21	NO	IE	0.19	0.19	IE	0.09	0.09	-0.20	-0.50	-0.23	NO	2.40	0.27	IE	0.27	0.12	IE	0.12	-0.28	-0.69	-0.32	NO	3.31	
<i>Eucalyptus Open Forest</i>			243.31	NO	IE	-1.39	-1.39	IE	-0.63	-0.63	-0.58	-1.09	-1.23	NO	18.03	IE	-337.78	-337.78	IE	-153.70	-153.70	-140.17	-265.00	-299.61	NO	4,386.28	
<i>Eucalyptus Open</i>																											
<i>Eucalyptus Open Forest</i>																											
<i>Eucalyptus Woodland</i>																											
<i>Heath</i>																											
<i>Low Closed Forest and Shrubland</i>																											
<i>Woodland Melaleuca</i>																											
CHANGE IN CARBON STOCK¹⁴¹																											
Carbon stock change in above-ground biomass¹⁴¹			Carbon stock change in below-ground biomass¹⁴¹			Net carbon stock change in litter¹⁴¹	Net carbon stock change in dead wood¹⁴¹	Net carbon stock change in soils¹⁴¹																			
Gains	Losses	Net change	Gains	Losses	Net change			Mineral soils	Organic soils																		
(Gg C)																											
0.50	-2,561.09	-2,560.59	0.23	-1,135.73	-1,135.50	-958.47	-2,185.90	-3,044.52	NO																		
0.27	-812.57	-812.30	0.12	-350.44	-350.32	-331.81	-416.51	-556.98	NO																		

Net CO2 emissions &/or removals in GHG report

TABLE 5(KP-1)A.2. SUPPLEMENTARY BACKGROUND DATA ON CARBON STOCK CHANGES AND NET CO₂ EMISSIONS AND REMOVALS FOR LAND USE, LAND-USE CHANGE AND FORESTRY ACTIVITIES UNDER THE KYOTO PROTOCOL
Article 3.3 activities: Deforestation¹⁰¹

GEOGRAPHICAL LOCATION ¹⁰¹	ACTIVITY DATA			IMPLIED CARBON STOCK CHANGE FACTORS ¹⁰¹										Implied emission / removal factor per area ¹⁰¹	CHANGE IN CARBON STOCK ¹⁰¹										Net CO ₂ emissions/ removals ¹⁰¹			
	Identification code	Subdivision ¹	Area subject to the activity (kha)	Area of organic soils ¹¹ (kha)	Carbon stock change in above-ground biomass per			Carbon stock change in below-ground biomass per			Net carbon stock change in litter per	Net carbon stock change in dead wood	Net carbon stock change in soils per		Carbon stock change in above-ground biomass ¹⁰¹			Carbon stock change in below-ground biomass ¹⁰¹			Net carbon stock change in litter ¹⁰¹	Net carbon stock change dead wood ¹⁰¹	Net carbon stock change in soils ¹⁰¹					
					Gains	Losses	Net change	Gains	Losses	Net change			Mineral soils		Organic soils	Gains	Losses	Net change	Gains	Losses			Net change	Mineral soils		Organic soils		
(Mg C/ha)										Mg CO ₂ /ha	(Gg C)										(Gg CO ₂)							
Total for activity A.2.			6,501.52	NO	0.00	-0.39	-0.39	0.00	-0.17	-0.17	-0.15	-0.34	-0.47	NO	5.57	0.50	-2,561.09	-2,560.59	0.23	-1,135.73	-1,135.50	-958.47	-2,185.90	-3,044.52	NO	36,244.92		
<i>NSU</i>			1,020.73	NO	0.00	-0.80	-0.80	0.00	-0.34	-0.34	-0.33	-0.41	-0.55	NO	8.87	0.27	-812.57	-812.30	0.12	-350.44	-350.32	-320.59	-416.51	-556.98	NO	9,049.08		
	<i>Acacia Forest and Woodland</i>		6117	NO	IE	-0.18	-0.18	IE	-0.08	-0.08	-0.14	-0.18	0.01	NO	2.08	IE	-10.92	-10.92	IE	-4.95	-4.95	-8.59	-10.92	0.69	NO	127.18		
	<i>Acacia Open Woodland</i>		0.44	NO	IE	-0.52	-0.52	IE	-0.50	-0.50	-0.22	-0.33	0.04	NO	5.61	IE	-0.23	-0.23	IE	-0.22	-0.22					NO	2.49	
	<i>Acacia Shrubland</i>		93.21	NO	IE	-0.12	-0.12	IE	-0.12	-0.12	-0.15	-0.06	-0.01	NO	1.71	IE	-11.28	-11.28	IE	-10.86	-10.86					NO	159.82	
	<i>Callitris Forest and Woodland</i>		48.32	NO	IE	-0.46	-0.46	IE	-0.21	-0.21	-0.29	-0.15	-0.19	NO	4.76	IE	-22.01	-22.01	IE	-10.10	-10.10					NO	229.99	
	<i>Casuarina Forest and Eucalyptus Low Open</i>		51.32	NO	IE	-0.39	-0.39	IE	-0.18	-0.18	-0.23	-0.45	-0.05	NO	4.74	IE	-20.05	-20.05	IE	-9.03	-9.03					NO	243.29	
	<i>Eucalyptus Low Open</i>		1.38	NO	0.19	IE	0.19	0.09	IE	0.09	-0.20	-0.50	-0.23	NO	2.40	0.27	IE	0.27	0.12	IE	0.12	0.12					NO	3.31
	<i>Eucalyptus Open Forest</i>		243.31	NO	IE	-1.39	-1.39	IE	-0.63	-0.63	-0.58	-1.09	-1.23	NO	18.03	IE	-337.78	-337.78	IE	-153.70	-153.70					NO	4,386.28	
	<i>Eucalyptus Open</i>		82.39	NO	IE	-1.58	-1.58	IE	-0.66	-0.66	-0.30	0.09	-0.53	NO	10.88	IE	-129.86	-129.86	IE	-54.14	-54.14					NO	896.73	
	<i>Eucalyptus Tall Open Forest</i>		20.71	NO	IE	-2.37	-2.37	IE	-0.31	-0.31	-0.76	-2.06	-1.37	NO	25.21	IE	-49.12	-49.12	IE	-6.52	-6.52					NO	522.03	
	<i>Eucalyptus Woodland</i>		338.73	NO	IE	-0.62	-0.62	IE	-0.26	-0.26	-0.26	-0.15	-0.40	NO	6.21	IE	-210.38	-210.38	IE	-88.79	-88.79					NO	2,103.99	
	<i>Heath</i>		1.62	NO	IE	-1.38	-1.38	IE	-1.35	-1.35	-0.59	-0.50	-1.58	NO	19.81	IE	-2.23	-2.23	IE	-2.19	-2.19					NO	32.09	
	<i>Low Closed Forest and Mallee</i>		1.98	NO	IE	-0.29	-0.29	IE	-0.28	-0.28	-0.14	-0.04	-0.31	NO	3.89	IE	-0.57	-0.57	IE	-0.56	-0.56					NO	7.70	
	<i>Mallee Woodland and Melaleuca</i>		69.97	NO	IE	-0.08	-0.08	IE	-0.08	-0.08	-0.11	-0.08	-0.36	NO	2.59	IE	-5.57	-5.57	IE	-5.40	-5.40					NO	181.40	
	<i>Melaleuca</i>		0.79	NO	IE	-2.35	-2.35	IE	-1.08	-1.08	-0.19	0.32	-1.23	NO	16.55	IE	-1.86	-1.86	IE	-0.86	-0.86					NO	13.15	

Net CO₂ emissions/ removals¹⁰¹

(Gg CO₂)

36,244.92

9,049.08

127.18



- **T**ransparency
 - Assumptions/methods are clear; inventory can be replicated
- **A**ccuracy
 - Reflect actual emissions and removals
- **C**onsistency
 - Consistent methods so results reflect real emission differences
- **C**ompleteness
 - All relevant sources, sinks and geographic areas
- **C**omparability
 - Methodologies and reporting approach allows comparisons

for developing GHG inventory

- Country determine if the GHG inventory as proposed by UN-REDD is a 'component' that it would like to use and develop;
- Establish needs: technology and capacities, incl. institutional arrangements to manage GHG inventory process;
- Establish a clear, realistic roadmap setting out the steps to follow to develop a full GHG inventory for the forest sector;
- Build up technology and capacities required for implementation of an GHG inventory, including: institutional arrangements, collection of information, archiving system;
- Implement GHG inventory and produce clear, measurable results (TACC)
- Source Box 11: page 21 FAO NFMS approach document.

UN-REDD Programme Concluding comments

PROGRAMME



- GHG emissions in LULUCF or AFOLU are often some of the largest contributing sectors in developing countries – important to get right!
- $\text{GHG emissions} = \text{Activity Data} \times \text{Emission factors}$
- Report changes in all five forest carbon pools
- Best to understand the principles (TACC) and Components of a GHG Inventory to plan system and BEFORE data collection, calculations or software entry
- REDD+ will take time for countries to learn and implement, = phased / stepwise approach of continual improvement recognised – just do it!



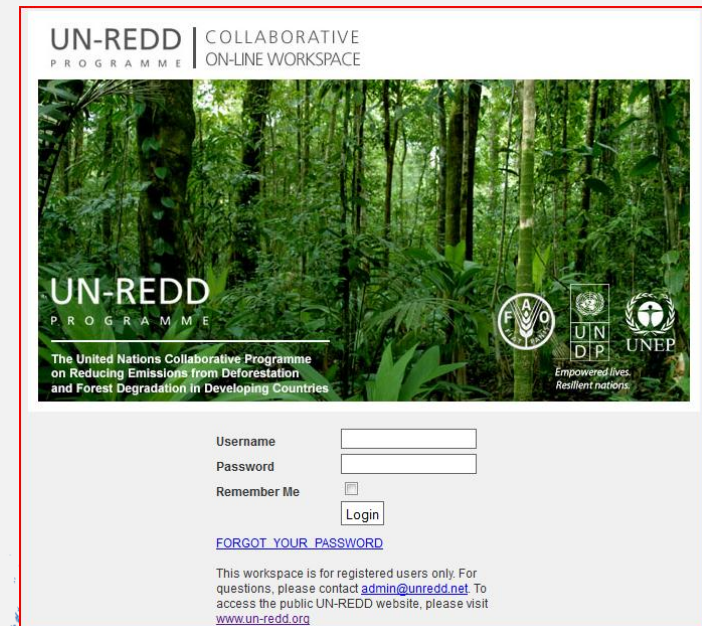
Thank you for your attention.
For more information go to our websites:

www.un-redd.org

<http://www.unredd.net/>



The screenshot shows the UN-REDD Programme website homepage. At the top, it features the UN-REDD Programme logo and a tagline: "The United Nations Collaborative Programme on Reducing Emissions from Deforestation and Forest Degradation in Developing Countries". Below this is a navigation menu with links for Home, About UN-REDD, Partner Countries, Global & Regional Support, Policy Board, Donors & Partners, and About REDD+. The main content area is divided into several sections: "UN-REDD Programme News" with a "TAKE THE SURVEY" button, "Partner Countries" and "Global & Regional Support" with news snippets, "UN-REDD Agencies" listing FAO, UNDP, and UNEP, and "Latest Publications" with a list of reports. A search bar is located at the bottom left.



The screenshot shows the UN-REDD Collaborative On-Line Workspace login page. It features a background image of a lush green forest. The page includes the UN-REDD Programme logo and the tagline: "The United Nations Collaborative Programme on Reducing Emissions from Deforestation and Forest Degradation in Developing Countries". Below the header is a login form with fields for Username and Password, a "Remember Me" checkbox, and a "Login" button. There is a link for "FORGOT YOUR PASSWORD" and a note at the bottom stating: "This workspace is for registered users only. For questions, please contact admin@unredd.net. To access the public UN-REDD website, please visit www.un-redd.org".