REGIONAL AFRICAN WORKSHOPS ON REDD+ NATIONAL FOREST MONITORING SYSTEMS
AND GREENHOUSE GAS (GHG) NATIONAL INVENTORY SYSTEMS
25-27 February 2014, Livingstone, Zambia

FINAL AGENDA

DAY 1: Joint Introductory Sessions

08:30-10:00	Session 1: Welcome & Introduction
	• Welcoming remarks from host country representative – **Mr. Ignatius Makumba, Director of Forests, Zambia** • Round of introduction 1 representative per delegation • Welcoming remarks from FAO Representative – **Mr. George Okech and UNDP Country Director, Ms. Viola Morgan** • Official Opening by Guest of Honor **Lusaka Mayor Daniel Chisanga** • Overview of UN-REDD Programme – **Adam Gerrand, FAO** • Overview of Low Emission Capacity Building (LECB) Programme – **Allison Towle, UNDP** • Overview of agenda & workshop objectives– Adam Gerrand, FAO and Allison Towle, UNDP
10:00- 10:30	Coffee/Tea break
10:30 -12:15	Session 2: UNFCCC and IPCC Context

	Session Objective: All participants have a common understanding of current reporting obligations of Parties to the UNFCCC, as well as the latest IPCC guidance to support these obligations.
	
	 • Overview of UNFCCC landscape in which countries are operating, UNFCCC Secretariat with focus on:
	     o "MRV Framework for non-Annex I Parties under the UNFCCC" including National Communications – Biennial Update Reports(BURs)/technical analysis and ICA for BURs – **Dominique Revet, UNFCCC**
	     o "UNFCCC Overview of NFMS and MRV for REDD+" – **Dirk Nemitz, UNFCCC**
	 • Overview of IPCC TFI, IPCC Guidelines and Good Practice Guidance, IPCC TFI TSU – **Kiyoto Tanabe, IPCC**
	 • Questions & plenary discussion
	 • Group photo

12:15 – 13:15	Lunch

13:15-14:45	**Session 3: Key Components of the National Forest Monitoring System (NFMS) and the GHG National Inventory System**
	Session Objective: Ensure a common understanding in the audience of the various elements of a GHG national inventory system, i.e., institutional arrangements, QA/QC, documentation and archiving, inventory improvement plan, and use of key category analysis, and how a National Forest Monitoring System can be a key component of this system. • The key elements of the National GHG Inventory System – **Kimberly Todd, UNDP** • Introduction to the UN-REDD Programme's approach to National Forest Monitoring System: M&MRV in the context of REDD+, UN-REDD and examples of country work in Africa – **John Fonweban, FAO**
14:45 – 15:15	Coffee/tea break
15:15 – 17:30	**Session 4: Linkages between REDD+ MRV systems and GHG inventories for the AFOLU/LULUCF sector**
	Session Objective: Building on session 3, this session will continue to demonstrate the importance of linking REDD+ MRV systems and GHG inventories for the AFOLU sector through an overview of relevant tools. • FAOSTAT emission database and capacity development for supporting GHG inventories and mitigation actions – **Rocio Condor, FAO** • IPCC Emission Factor Database and IPCC Inventory Software – **Maya Fukuda, IPCC TFI TSU** • UNFCCC NAI GHG inventory software – **Dominique Revet, UNFCCC** • US EPA ALU tool – **Eleanor Milne, US EPA** • Plenary discussion

DAY 2: Two distinct, concurrent workshop tracks

	LECB	UN-REDD
08:30-10:30	**Session 5: Good practices in establishing the GHG inventory system (focus on institutional arrangements)**	**Session 5: Key components of NFMS**
	• Scene-setting presentation: Snapshot of national GHG inventory systems and analysis of key constraints, Kimberly Todd, UNDP • Institutional Arrangements section of *US EPA Template Workbook*, Eleanor Milne, US EPA • Questions • Zambia: establishing a national inventory system: experiences and lessons learned – Anglea Kabuswe • Questions • Lebanon: establishing a national inventory system: experiences and lessons learned - Lea Kai • Questions	• Outline of the UN-REDD NFMS components 1. The satellite land monitoring system **– Carlos Riano-Paramo, FAO** 2. National Forest Inventory (ground / plot data) **– John Fonweban FAO** 3. Compilation into a GHG inventory for the LULUCF/AFOLU sector **– Adam Gerrand, FAO** 4. Monitoring functions (e.g. Policies and Measures, Safeguards Information Systems, socio-economic information etc) **– Charlotte Jourdain, FAO** • Presentation of key components of Zambia's NFMS **– Deuteronomy Kasaro, National REDD+ Coordinator, Zambia** • Nigeria "The REDD+ journey so far: Nigeria's Experience" **– Okibe Augie Richards, Ministry of Environment, Nigeria** • Questions & answers
10:30 – 11:00	Joint coffee/tea break	
11:00 – 12:30	**Session 6: Good practices in establishing the GHG inventory system – institutional arrangements (cont.) & QA/QC**	**Session 6: Exchange of country and regional experiences on the development on NFMS**
	• Kenya: establishing a national inventory system: experiences and lessons learned – Stephen King'uyu • Questions & plenary discussion on institutional arrangements • QA/QC planning section of *US EPA Template Workbook* – Kimberly Todd, UNDP • Plenary discussion on QA/QC	• Regional approach to MRV: Presentation of COMIFAC/FAO MRV project in the Congo Basin – **Quentin Renard, FAO** • Development of Integrated Monitoring Systems for REDD+ in the Southern African Development Community (SADC): An Overview **– Letlamoreng Mosenene , SADC/GIZ** • Panel discussion on variety of NFMS approaches: Democratic Republic of Congo, Congo, Zambia, Nigeria, FAO/COMIFAC MRV project and ESA/SADC – led by **Deuteronomy Kasaro National REDD+ Coordinator, Zambia**
12:30 – 13:30	Joint lunch	

13:30 – 15:00	**Session 7: Good practices in establishing the GHG inventory system -- Archiving**	**Session 7: Collecting Emission Factors and Tiers: NFI approaches**
	- Archiving System section of *US EPA Template Workbook* – Eleanor Milne, US EPA - Ghana: Establishing a national archiving system - Kennedy Amankwa Questions and plenary discussion	- Zambia's National Forestry Inventory in the context of REDD+: Presentation of ILUA I and ILUA II experience – **Jackson Mukosha, Forestry Department, Zambia** - Republic of Congo's experience with its National Forest Inventory for REDD+ [Inventaire Forestière National: Cas de la République du Congo] – **Dabney Matoko, CNIAF/CN-REDD** - Tanzania's National Forest Monitoring and Assessment (NAFORMA) experience and the use for REDD+ and SFM – **Evarist Nashanda, Ministry of Environment, Tanzania** - Questions and answers
15:00 – 15:30	Joint coffee/tea break	
15:30 – 17:00	**Session 8: Creating an action plan for improving the national GHG inventory system**	**Session 8 Emerging trends and implementation challenges in NFIs for REDD+**
	- National Inventory Improvement Plan section of *US EPA Template Workbook* – Eleanor Milne, US EPA - Introduction to guidance for elaborating GHG NIS action plan, Allison Towle, UNDP - Working session (75 mins) *Participants will work in country teams or small groups to discuss barriers to establishing a national GHG inventory system, including efficient management/coordination of the GHG inventory process, and develop an action plan for addressing these issues. Country teams will be provided with a standardized template to facilitate this exercise.*	The participants will be split into two groups for discussion <table><tr><td>**Group 1:** – **John Fonweban, FAO** Objectives of NFIs, relevant for REDD+, availability of past campaign data, institutionalization of NFIs, field work challenges, etc.</td><td>**Group 2:** – **Adam Gerrand, FAO** Biomass estimation methods, species list and wood density, data gaps, information exchange, data analysis, etc.</td></tr></table>Presentations back to the whole group *[See notes from images of flipcharts]*

DAY 3: Two distinct, concurrent workshop tracks with joint closing plenary

	LECB	**UN-REDD**
08:30-10:30	**Session 9: Introduction to 2006 IPCC Guidelines and supporting tools (IPCC TFI TSU facilitates)**	**Session 9: Collecting activity data for REDD+: Remote-sensing and land classification approaches**
	- Approaches to data collection - Uncertainty analysis - Methodological choice & key category analysis - Time series consistency - QA/QC and documentation - Discussion	- DRC's remote sensing approach to Land Monitoring: "TerraCongo" – **Daudet Mbenza** - Ghana's remote-sensing application to forest monitoring – **Mohammed Yakubu,** Forestry Commission, Ghana - Zambia's historical forest cover change assessment and future plans – **Jackson Mukosha, Forestry Department, Zambia**

		• Efforts Nationaux De Suivi Du Couvert Forestier et De Mise En Ceuvre Du Mecanisme Redd – **Melkior Kouchade, Suppléant Point Focal, Centre National de Gestion des Réserves de Faune (CENAGREF)** • Ethiopia " Making NFI REDD+ Compliant and Action Plan for Establishing MRV System in Ethiopia through FAO Technical Support"– **Yitebitu Moges, National Coordinator for REDD+ Secretariat, Ministry of Agriculture, Ethiopia** • Questions and answers panel: Ghana, Zambia, DRC and Regional Center for Mapping and Resources Development (RCMRD)
10:30 – 11:00	Joint coffee/tea break	
11:00 – 12:30	**Session 10: Training on IPCC Guidelines (IPCC TFI TSU facilitates)**	**Session 10: Emerging trends and challenges in activity data collection for REDD+**
	Group 1: Training on Energy, Industrial Processes and Product Use, Waste and discussion Group 2: Training on sector Agriculture, Forestry and Other Land Use and discussion	The participants will be split into two parallel discussion groups

	Group 1: – Carlos Riano-Paramo, FAO Remote-sensing: Experience in using remote-sensing data to assess historical forest cover change, foreseen approaches to monitor future forest cover change, new technologies such as lidar & high-resolution images, monitoring of degradation, etc	Group 2: – Adam Gerrand, FAO Land classification: Challenges with forest definition, classification systems, consistent representation of land-use classes, challenges with dry ecosystems, etc

		Presentations back to the whole group *[See notes from images of flipcharts]*
12:30 – 13:30	Joint lunch	
13:30-14:30	**Session 11: Training on IPCC Guidelines continued (IPCC TFI TSU facilitates)**	**Session 11: Emerging trends and common challenges in NFMS for REDD+**
	Group 1: Training on Energy, Industrial Processes and Product Use, Waste and discussion	Exchange and report on emerging trends and common challenges for different aspects of NFMS

	Group 2: Training on sector Agriculture, Forestry and Other Land Use and discussion	**Group 1: John Fonweban FAO** Best options for Institutional arrangements and to strengthen regional collaboration	**Group 2: Adam Gerrand, FAO** Capacity development needs on NFMS / MRV: How can the UN-REDD Programme improve its country support and fill the gaps?
14:30-15:30	**Session 12: Update of national action plans for improving the national inventory system & wrap-up**	**Wrap-up discussion within UN-REDD track**	
	Participants will break into small teams to review the national action plans drafted during Session 4 on Day 2 and update with additional action areas Short plenary wrap-up and next steps	The two groups will each be required to present their work to the combined groups, followed by a 30-minute discussion by the combined groups.	
	Joint coffee/tea break		
15:30-17:30	**Joint Closing Plenary**		
	- Exchange findings across workshop participant groups - Wrap-up and thanks - Workshop closing by **Deuteronomy Kasaro, Zambian Government Representative**		