

Pilot Course on REDD+ MRV and Monitoring

1-3 March 2011

FAO Headquarters, Mexico Room D211

Tuesday 1 March 2011

10.00 – 13.00	Registration		
13.00 – 13.30 <i>Section A</i>	Background and basics	Opening: “MRV and Monitoring for REDD+”: Dr Peter Holmgren Background, issues and why a course program	
13.30 – 15.00 <i>Section B</i>	What is REDD+, UNFCCC and IPCC	13.30 – 14.30	Dr Alberto Sandoval
	LULUCF and the connection to REDD+	14.30 – 15.00	Dr Sandro Federici
15.00 – 15.30	Coffee		
15.30 – 17.30 <i>Section C</i>	The M & R in MRV	15.30 – 16.15	Prof. Christoph Klein
	The V in the MRV	16.15 – 16.45	Dr Tomas Thuresson
	The Monitoring part and REDD+ Financing	16.45 – 17.30	Dr Peter Holmgren

TOPICS COVERED:

“MRV and Monitoring for REDD+”: Background, issues and why a course program

What is REDD+ – Sections A and B

- REDD+ why, where and how?
- UNFCCC, REDD+ under convention, LULUCF and IPCC
- Discussion – implications

REDD+ MRV and Monitoring – Section C

- What to Measure
- How to Report
- Why Verify
- Monitoring also?
- IPCC Guidelines, Tiers, Money involved.
- What is needed for REDD+?
- Investors perspectives
- Future needs

Wednesday 2 March 2011

08.30 – 09.00		Summing-up Day 1	
09.00 – 09.30	Section D	Opening: “The capacity gap between desired reporting and current situation”: Dr Mihaela Secieru – Massive Capacity Building needed	
09.30 – 11.30	Section E	Definitions and forest carbon dynamics	09.30 – 11.30 Dr Rasmus Astrup
11.30 – 11.45	Coffee		
11.45 – 12.45	Section F	Basic forest statistics – Accuracy, Precision & Bias	11.45 – 12.45 Prof. Christoph Klein
12.45 – 14.00	Lunch		
14.00 – 15.30	Section F	Is a change a change? State estimates vs change estimates	14.00 – 15.30 Prof. Göran Ståhl
15.30 – 15.45	Coffee		
15.45 – 17.45	Section G	REDD+ Decisions – Strategic vs Operational decision needs	15.45 – 16.45 Prof. Göran Ståhl
		Measurements on the ground is the key. RS alone is not enough	16.45 – 17.45 Prof. Ron McRoberts

Topics covered:

*“The capacity gap between desired reporting and current situation”:
Massive Capacity Building needed!*

Definitions and forest carbon dynamics – Section E

- What are we monitoring?
- Carbon consequences of Deforestation, Degradation and +
- IPCC, FRA and other definitions – what to use, when and why?
- Short term goals (DD) and long term goals (+)
- Implications on decision making
- Definitions
- Carbon storage or substitution or both?

Forest statistics – Section F

- Is a change a change or can there be change where we can't see any change?
- Accuracy, precision and bias
- State estimates v.s. change estimates
- Implications on costs, organisation, techniques, competences, etc.

Forest inventories for decision making – Section G

- REDD+ only one decision component
- Other decisions about the use of forests and other land
- Strategic decisions – strategic data needs
- Operational decisions – operational data needs
- Forest monitoring and sample design for different needs
- Will RS do it?
- Will massive measurements in forests be necessary?
- Different situations render different monitoring



Thursday 3 March 2011

08.30 – 09.00		Summing-up Day 2	
09.00 – 09.30 <i>Section H</i>		Opening “Measurements and Monitoring for decision making” Dr. Jose Antonio Prado – Who are the decision makers and what data and information do they need apart from REDD+?	
09.30 – 10.30 <i>Section I</i>		Base lines	09.30 – 10.30 Dr Simone Bauch
10.30 – 10.45		Coffee	
10.45 – 11.45 <i>Section I</i>		FRA RSS	10.45 – 11:15 Dr Erik Lindquist
		Monitoring for drivers of LUC	11:15 – 11:45 Dr Mikko Leppänen
11.45 – 12.30 <i>Section J</i>		Organizing a national monitoring centre – from data to information	11.45 – 12.30 Dr Geir Harald Strand
12.30 – 13.45		Lunch	
13.45 – 15.15 <i>Section J</i>		Drivers of land use change and policy options analyses	13.45 – 14.45 Dr Tomas Thuresson
		Carbon reporting for the FAO Global Forest Resources Assessment	14.45 – 15.15 Mr Örjan Jonsson
15.15 – 15.45		Closing session – How to proceed. Dr. Peter Holmgren	

Topics covered:

“Measurements and Monitoring for decision making” – Who are the decision makers and what data and information do they need apart from REDD+?

Base lines and Drivers of land use change – Section I

- How will baseline affect results and decisions?
- Information for causes of LUC
- State of negotiations
- Examples from reality

Organizing issues Policy options analyses – Section J

- Database management
- By what policy means can REDD+ be implemented
- Data – Information - Decisions
- Forest policy analysis
- Examples from countries
- The quality of reports from countries in FRA
- Implications of costs, organisation, techniques, competences, etc.
- The information needs for decisions depends on the decisions to be made
- Different situations means different information needs
- Closing session – How to proceed



Suggested Literature

Section B

- **UNFCC REDD+**
http://www.unredd.net/index.php?option=com_docman&task=doc_view&gid=4638&tmpl=component&format=raw&Itemid=53

Section C

GOFC-GOLD Sourcebook 2:42-48 <http://www.gofc-gold.uni-jena.de/redd>

Section F

GOFC-GOLD Sourcebook pp 2-100:108 <http://www.gofc-gold.uni-jena.de/redd>

Section G

Forest inventories generate scientifically sound information on the forest resource: but do our data and information really matter? Discussion paper by Christoph Kleinn¹ and Göran Ståhl²
http://intranet.catie.ac.cr/intranet/posgrado/InvestCienGestionConocimiento/Bryan%20Finegan/Kleinn_Stahl%202006.pdf

Section I

- **Article on baselines in Guyana**
www.redd-monitor.org/2011/01/27/increasing-deforestation-in-guyana-gives-norway-a-headache/
- **Chapter 6 in Moving Ahead with REDD**
www.cifor.cgiar.org/nc/online-library/browse/view-publication/publication/2601.html
- **Field Manual – Social Economic Survey – National Forestry Resources Monitoring and Assessment of Tanzania**
http://www.unredd.net/index.php?option=com_docman&task=doc_view&gid=4637&tmpl=component&format=raw&Itemid=53

Section J

- **Information Systems Theory, G. Harald**
http://www.unredd.net/index.php?option=com_docman&task=doc_view&gid=4633&tmpl=component&format=raw&Itemid=53
- **Policy Options to reduce deforestation, A. Angelsen**
http://www.unredd.net/index.php?option=com_docman&task=doc_view&gid=4636&tmpl=component&format=raw&Itemid=53
- **GOFC-GOLD Sourcebook pp 3-163:184** <http://www.gofc-gold.uni-jena.de/redd>

