

Measurement Reporting and Verification meeting with UN-REDD countries

meeting report

UN-REDD PROGRAMME

Rome, 10-11 September 2009



The UN-REDD Programme, implemented by FAO, UNDP and UNEP, has two components: (i) assisting developing countries prepare and implement national REDD strategies and mechanisms; (ii) supporting the development of normative solutions and standardized approaches based on sound science for a REDD instrument linked with the UNFCCC. The programme helps empower countries to manage their REDD processes and will facilitate access to financial and technical assistance tailored to the specific needs of the countries.

The application of UNDP, UNEP and FAO rights-based and participatory approaches will also help ensure the rights of indigenous and forest-dwelling people are protected and the active involvement of local communities and relevant stakeholders and institutions in the design and implementation of REDD plans.

The programme is implemented through the UN Joint Programmes modalities, enabling rapid initiation of programme implementation and channeling of funds for REDD efforts, building on the in-country presence of UN agencies as a crucial support structure for countries. The UN-REDD Programme encourage coordinated and collaborative UN support to countries, thus maximizing efficiencies and effectiveness of the organizations' collective input, consistent with the "One UN" approach advocated by UN members.

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The MRV Working Paper Series provides an important forum for the rapid release of information related to the UN-REDD Programme. Should readers find any errors in the documents or would like to provide comments for improving their quality, they are encouraged to get in touch with one of the above contacts.

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Measurement Reporting and Verification meeting report

The meeting on Measurement Reporting and Verification (MRV) of the UN-REDD Programme brought together representatives from UN-REDD countries, FAO, UNEP, UNDP and several observers. The objectives of the meeting were to:

- Share current status of MRV strategies, toolkit and tools and information on the subject from each UN-REDD country.
- Present and deliver tools and relevant data residing in FAO's repository that may be useful for use in National MRV strategies for each of the UN-REDD countries.
- To share UN-REDD country experiences in the implementation of UN-REDD programme especially regarding MRV.

The MRV framework, toolkit and tools were presented and discussed with the participants from UN-REDD countries. Countries presented the current status on the development of their MRV systems and gave inputs on the MRV strategy, toolkit and tools being developed by UN-REDD agencies.

Relevant data-sets were provided to each of the UN-REDD countries including

- Global maps
- Country data and satellite imageries
- In-house software, and FAO tools that are useful for remote sensing applications, GIS integration, change detection
- Land cover classification and methodologies to measure and monitor forest carbon, biomass, activity
- Data, forest surface and forest area change.

Among the most important outcomes of the meeting countries learnt from the experiences of other UNREDD projects, established priorities for capacity building activities and technical advice on MRV systems and a common strategy was reviewed to achieve comparable results of MRV systems for REDD. In this respect, countries gave inputs about relevant experiences and what would be the recommendation in four areas related to MRV systems:

a) MRV guide on national systems for carbon monitoring

- Establish national awareness and understanding of the UN-REDD Programme at all levels
 - Insure participation of all stakeholders
 - Increased understanding of the gaps and weaknesses of current MRV systems and develop a plan for gap filling and required capacity development
 - Development of networks to share experiences and seek to build on the best networks focusing on the more robust and pragmatic approaches

- Establish process and methods to recognize what matters or what to monitor
- Provide examples to better understand, read and implement the guidelines
- Classify MRV- guidance for different levels appropriate for different reporting levels (national /international or minimum/ medium/ high or Tiers of IPCC).

b) Measurement and monitoring of Area (Activity Data)

- Simple guidance on customization of strategies based on national situations
- Methods for stratification to enhance efficiency of sampling and accuracy of estimates
- Methods and Techniques to use data on area from source having different resolution (vegetation type map > forest / non forest map)
- Provision of physical and virtual capacity building crucial, Institutional and legal arrangement in places

c) Biomass/carbon inventories and monitoring

- Guidance on statistically sound methodologies for measurements for forest carbon monitoring and modelling.
- Steps and framework to review carbon sensitiveness and utility of existing NFI guidelines to match IPCC guidelines
- Guidance on verification of already existing allometric models
- Options to meet needs for regular monitoring to capture change in biomass/carbon including development of eco-zone wide allometric models to fill knowledge gaps.

d) Institutional and social aspects of MRV

- Guidance on methods to directly measure social aspects during NFI data collection.
- Guidance on institutionalization of MRV processes to ensure sustainability with a leading agency
- Guidance on basic legal arrangements for sustainable and efficient implementation of MRV
- Advice on Communication, cooperation among countries at the level of administration, technical teams and local stakeholders
- Guidance on development of collaborative approach between stakeholders.
- Methods and tools to involve and enhance participation and role of local communities and stakeholders especially in field implementation of UN-REDD.

- Systems and protocols to fairly and equitably share responsibility of implementation of UN-REDD among relevant national agencies
- Guidance on development and sustenance consistent financial and political support for UN-REDD programme

ANNEX I - Agenda of the meeting

09-Sep-09	Duration	Time
Arrival of participants during the morning		12:00
Access to building and DSA collection	08:00	09:00
Free time	01:00	17:00
Reception	02:00	18:00
10-Sep-09	Duration	Time
Introduction	Duration	Time
Presentation of participants	00:05	08:30
Opening remarks	00:05	08:35
Objectives	00:05	08:40
Clarification of objectives	00:05	08:45
MRV framework - toolkit	00:15	08:50
MRV framework	00:10	09:05
IPCC / UNFCCC approach	00:10	09:15
Guide on national system for C-monitoring	00:15	09:25
Group discussion	00:20	09:40
Country presentations	00:15	10:00
Bolivia	00:10	10:15
DRC	00:10	10:25
Coffee Break	00:25	10:35
Ecuador	00:10	11:00
Indonesia	00:10	11:10
Panama	00:10	11:20
Paraguay	00:10	11:30
PNG	00:10	11:40
Tanzania	00:10	11:50
Vietnam	00:10	12:00
Zambia	00:10	12:10
Group discussion	00:20	12:20
Lunch break	01:30	12:40
Assessment of area and area change	00:15	14:10
Classification system	00:10	14:25
Mapping and GIS tools.	00:10	14:35
Remote sensing data	00:10	14:45
RSS / FRA	00:10	14:55
Coffee Break	00:20	15:05
Biomass/Carbon inventories and monitoring	00:15	15:25
NFI / NFMA	00:10	15:40
Forest Carbon assessment and monitoring	00:10	15:50

Monitoring multiple benefits	00:10	16:00
Institutional and social aspects of monitoring	00:10	16:10
Policy aspects	00:10	16:20
Social aspects	00:10	16:30
Legal aspects	00:10	16:40
Data delivery	00:20	16:50
End of the first day	00:00	17:10
11-Sep-09		
	Time	Schedule
Cybernetic session introduction	00:15	08:30
Cybernetic session	01:30	08:45
Analysis	00:45	10:15
Input on Guide on National Carbon Monitoring System for REDD+	02:00	11:00
Lunch	01:30	13:00
Group discussion	01:00	14:30
Coffee break	00:10	15:30
Workspace and group communication	00:20	15:40
Individual ad hoc meetings	01:30	16:00
End of the meeting	00:10	17:30

ANNEX II - List of participants

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01	<i>Role of satellite remote sensing in REDD by Peter Holmgren</i>	13 October 2008
02	<i>REDD-Workshop Monitoring, Assessment and Verification (report of the Washington meeting)</i>	16-17 September 2008
03	<i>Review of literature on monitoring to support REDD by Claudia Hiepe, Hideki Kanamaru</i>	16-17 September 2008
04	<i>Carbon Stock Assessment and Modelling in Zambia. A UN-REDD programme study by Kewin Bach Friis Kamelarczyk</i>	September 2009
05	<i>Measurement and Reporting of Forest Carbon in Suriname: Preparing for REDD Implementation by Jonas Cedergren</i>	2009
06	<i>Measurement and Reporting of Forest Carbon in Guyana: Preparing for REDD Implementation by Jonas Cedergren</i>	10 July 2009
07	<i>Measurement Reporting and Verification meeting with UN-REDD countries. Meeting report. Rome, september 10-11th, 2009.</i>	October 2009