



Measurement, Reporting and Verification of REDD+ activities in NEPAL



MRV Project Workshop
Work progress and way forward - Introduction
October 2013

Introduction:

The MRV Project is funded by the World Bank and it is implemented by Agriconsulting S.P.A from Italy, in partnership with the REDD Cell. The Project started in June 2013 and it is expected to last until February 2014.

Objectives of the Project are:

- ❑ To assist the Nepal REDD+ Program in the development of a comprehensive and detailed proposal for the continuous collection, analysis and verification of national data on forest-related carbon emissions and sequestration as part of REDD+ in Nepal; and
- ❑ To provide capacity building for key national actors to sustain MRV capacities within the country.

Rationale for developing an appropriate REDD+ Monitoring, Reporting and Verification (MRV) System

REDD+ activities have to be measured, reported and verified through a national forest monitoring system. The design will be fully compliant with the most up-to-date status of the negotiations on REDD+ at the level of the UNFCCC and integrate with the existing structures for forest management.

In paragraph 1(d) of Decision 4/CP.15 countries are requested:

“to establish, according to national circumstances and capabilities, robust and transparent national forest monitoring systems and, if appropriate, sub-national systems as part of national monitoring systems that:

1. Use a combination of remote sensing and ground-based forest carbon inventory approaches for estimating, as appropriate, anthropogenic forest-related greenhouse gas emissions by sources and removals by sinks, forest carbon stocks and forest area changes;
2. Provide estimates that are transparent, consistent, as far as possible accurate, and that reduce uncertainties, taking into account national capabilities and capacities
3. Ensure that the results are available and suitable for review as agreed by the Conference of the Parties.
4. the effective engagement of indigenous peoples and local communities in monitoring and reporting is encouraged

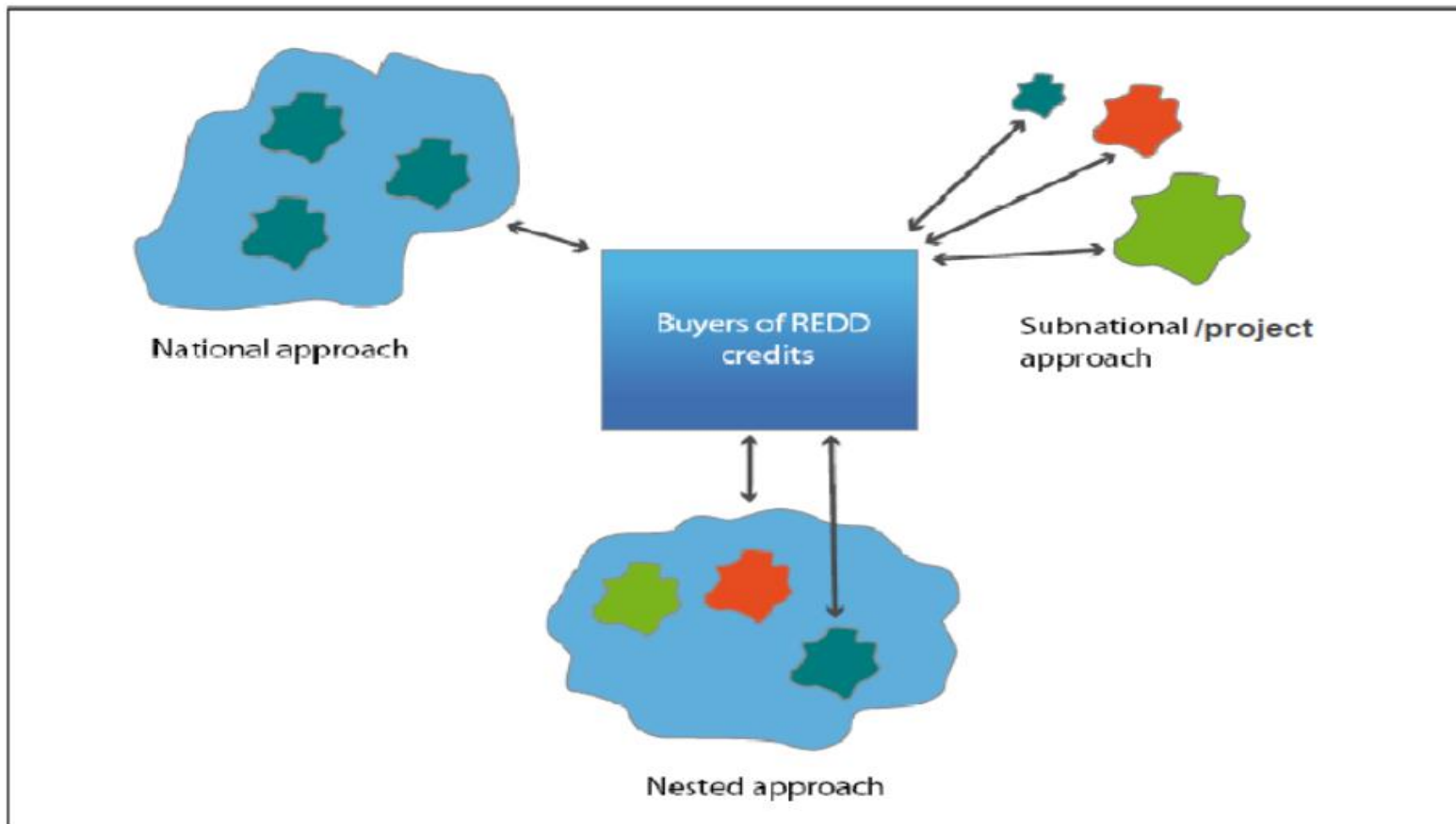
**The proposed strategy for Project implementation
is based on the following principles:**

- Recognize REDD+ sub-national approach;
- Aligning both Sub-national & National Inventories for the Purpose of Forest Carbon Accounting;
- Enhance Inter-Agency Coordination;
- Intensify Capacity Building;
- Foster Multi-Stakeholders Participation.

REDD+ sub-national approach

A sub-national approach is seen as a way to build capacity to fit into the national accounting framework, while taking immediate steps to reduce deforestation and forest degradation.

Demonstration activities under this approach would contribute to better understanding of REDD+ and its benefits and help a transition to state and national level accounting frameworks once required capacities are in place. (Nested Approach)



Project implementation

The MRV staff consists of the Team Leader, based in Nepal, and three National Expert, working on a full time basis. In addition, there is a technical support Team, consisting of Remote Sensing, GIS and IT specialists working in Italy on a part time basis.

As per the MRV work plan, presented in the Inception Report, the Project is organized in two phases, namely

- ❑ Phase 1: Data collection and analysis
- ❑ Phase 2: MRV System design, implementation and capacity building

This workshop deals with the preliminary findings of Phase 1 and the road map for Phase 2

Nepal

REDD - Forestry and Climate Change Cell

Development of a Measurement, Reporting and Verification (MRV) System for Emissions and Removals

Contract No.: FCPF/REDD/S/QCBS-7



MRV Geographic Information System Data catalog

Working Paper N.1

September 2013

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Methodological approach of the MRV Project to REDD+ activities at local (CFUGs) level

Working Document N.2

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Institutional Structure for MRV System within Nepal's National REDD+ Architecture

Working Document N.3

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 AGRICONSULTING S.p.A.

Presentation of the workshop

Proposals for the Institutional Structure for MRV System

Sagendra Tiwari

Present information contents of MRV spatial databases and further data needs

Gehendra Karki

Proposed methodologies and implementation of MRV at national and sub-national level

Antonio Marzoli

Overview of the WISDOM model and its application to MRV Nepal

Rudi Drigo

Monitoring activity data in a MRV nested approach: the role of remote sensing

Ferdinando Urbano

Information Technology architecture for the MRV System in Nepal

Alberto Laurenti



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