Development of NFMS in Vietnam -Cooperation between Central and Region in MRV system-

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What can National Forest Monitoring Systems (NFMS) do? ~Development of NFMS and MRV systems for REDD+~

Doha, 28th Nov 2012

Outline of Presentation

Cooperation between Central and Region in National Forest Monitoring System

Technical issues of FREL/FRL

Stepwise approach for National Forest Monitoring System and MRV

Cooperation Between Central and Region in National Forest Monitoring System

REDD-plus scheme and Scale



Interim National Forest Monitoring in National Scale





Interim National Forest Monitoring in Provincial Scale

Leading agency: FPD (Forest Protection Department)

Reporting forest violation(illegal cutting, forest fire)



Cooperation Between Central and Regional in National Forest Monitoring



- 2.5m High Resolution Satellite and covering entire country
- NFI with systematic sampling design



Every 5 years

Base map for

monitoring



- Annual monitoring in Provincial scale
- Illegal cutting, forest fire, Enhancement of forest
- Monitoring by Forest Ranger and Local community



S Auxiliary information for next Inventory

Annually

Provide field information

Province FM

Cooperation Between Central and Regional in National Forest Monitoring



Province Level

(Proposed by JICA Project)

Advanced Technology in Reporting



Technical Issues of FREL/FRL

Construction of FREL/FRL



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9	518	261	117	74		25	173	96				77
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10	465	282	158	148	196	138	249					94
11	602	291	162	135	153	91	199	253	292			163
12	611	280	120	128	189	104	240		271	_		105
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How to cook these basic information to identify carbon changes



Technical Issues to be Discussed

- What is/are the difference(s) between RL and REL and the associated methodological differences?
- Can a Party propose REL/RLs for a subset of REDD+ activity types?
 If yes, under what conditions? (e.g. must include Deforestation) Clat
- When is it appropriate to adjust extrapolated historical trends?
 To address national circumstances, on a case by case basis
 What type of information is needed to support adjustment?
- □ What information should be provided and in what form for the determination of REL/RL?
- What aspects of the construction of RL/RELs should allow for comparability among countries?
- How can we avoid perverse incentives through the exclusion of pools or activities?

(Discussion paper provided by secretariat at SBSTA expert meeting)

Technical Options in Stock Change Calculation



Technical Options in Aggregation



Stepwise approach in National Forest Monitoring System

Aspect of for	est resources
Carbon stock	
change(Tier-2)	
Carbon stock	Step-3(MRV)
change(Tier-1)	
	•NFMS is operated
Forest type	Step-2(NFINIS-IVIR) Carbon stock change
change	• Progress on how SG is addressed and respected
(several times)	(sub-nationally or nationally) • Strengthen of governance
	• FREL /FRL is constructed
Forest type	SGI system is operated
change (2times)	NFMS is designed
	 National strategy for REDD+ is established
Forest area	 Major drivers are identified
change	SGI system is designed Aspect of Policy and SG
	Design of SGI Operation of SGI Addressed and respected to SG
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Lesson and learn

• Cooperation between Central and Region is indispensable for full scale forest monitoring, but it needs capacity.

 When carrying out the design of national forest monitoring system, we can not reach full scale at a stroke.
 It is essential to apply Stepwise approach.

 In construction of FREL/FRL, there are several options for the development of methodologies.

Thank you for attention

Think ideally, act realistically

(May 2010, Nghe An province, Nobumitsu Miyazaki)

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