

Presentation on REDD: India

Policy Approaches and Positive Incentives for Conservation, Sustainable Management of Forests and Enhancement of Forest Carbon Stocks

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Accra Workshop

Decision 1/CP.13, paragraph 1b (iii) BAP

- **policy approaches and positive incentives on issues for REDD; and role of conservation, sustainable management of forests and enhancement of forest carbon stocks**

AWG-LCA 1 (FCCC/AWGLCA/2008/L.2)

- **workshop on policy approaches and positive incentives on REDD issues in BAP**

Indian Viewpoint on REDD

Comprehensive REDD

Carbon Saved and Carbon Added

•Reducing Deforestation & Degradation

•Conservation, Sustainable Management of Forests,
Increase in Forest Cover (A&R)

Indian submission incorporates above and seeks incentives on Incremental and Baseline stocks

Emerging Policy Options

- 1. Conservation, sustainable management of forests, increase in forest cover/A&R (Add C)**
- 2. Reducing deforestation and degradation rates (Save C)**

Policy Options and Accounting Approach

National Accounting

1. Whole area under CN, SMF, A&R *or*
2. Whole area under RD *or*
3. Whole area divided into mutually exclusive zones- i) CN, SMF, A&R, ii) RD

Sub-national Accounting

1. Reported area under 1, 2 or 3???
2. What about changes in C stocks in remaining area? (Leakage?)

Sustainable Management of Forest

- **Improvement in existing cover**
- **Increase in forest/tree cover**
(harvest < increment) = net addition
- **Net GHG removals estimation with reference to starting date (baseline)**

SMF means state of increment in forest carbon stocks

Methodology: Policy Elements (India)

- **National Level Accounting Mechanism**
- **Baseline Year/Starting Date: Flexibility** (say 1990)
- **Reference Emissions Level**
- **Assessment of Forest Carbon Stocks**
 - **Biomass Carbon**
 - **Soil Organic Carbon (SOC)**
- **Assessment at regular intervals** (5 year National Level Forest Carbon Accounts)

Supports

development of a common methodology for all policy approaches, based on remote sensing and minimum ground verification to achieve defined confidence level

Financial Incentive

Same Basket (REDD)

for

- **Conservation, sustainable management of forests, increase in forest cover (A&R)**
- **Reducing deforestation rates (and degradation)**

Financial Incentive

...contd...

Carbon Saved=Carbon Added

- **Same incentive for**
 - **1 unit of carbon saved (RD)**
 - **1 unit of carbon added (CN, SMF, A&R)**

Financial Incentive Conservation Approach

Incremental Stocks

**Payment at Same Rates as for
Reducing Deforestation Approach**

Financial Incentive Conservation Approach

...contd...

Baseline Stocks

**Annual payments on a separate scale for
maintaining baseline C stocks to
compensate for opportunity and
management costs incurred**

(Insurance for Keeping Baseline Stocks Intact)

Financing

1. Change in C stocks

- RD
- CN, SMF, A&R

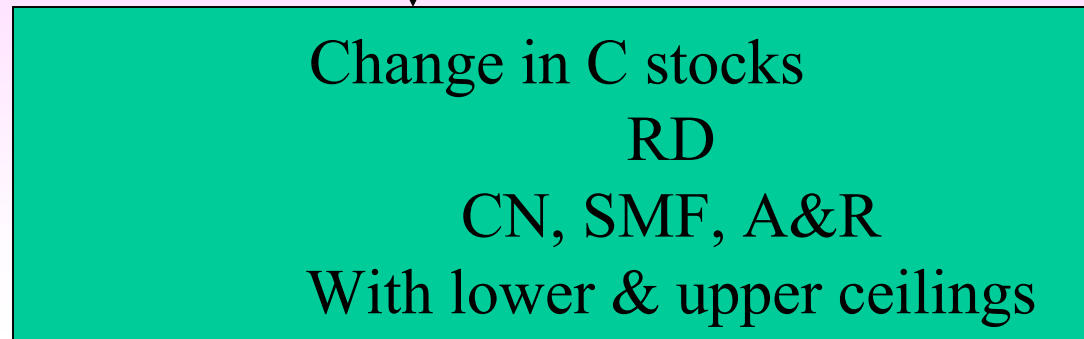
2. Maintenance of baseline stocks

- **Market approach (part of C market)**
- **Non-market approach**

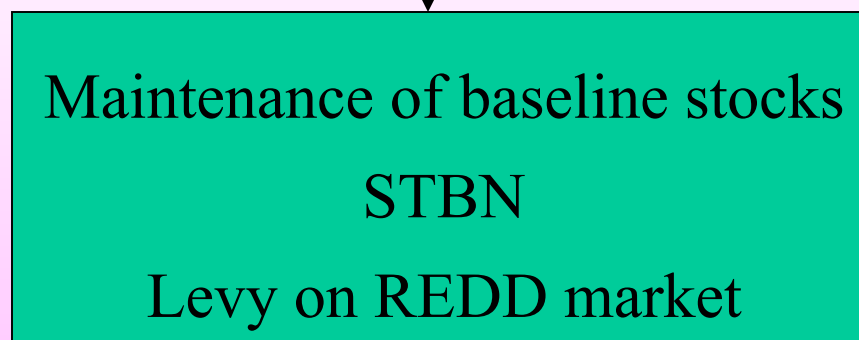
Financing

...contd/-

- **Market approach (part of C market)**



- **Non-market approach**



Methodology to Assess Forest Carbon Stocks

- **Carbon per unit area**
 - **Biomass (agb + bgb)**
 - **Soil Organic Carbon**
- **Sample Stratum**
 - **Forest Type Groups (>200)**
 - **Crown Density Classes (3)**
 - **Sample Points (20,000 for BC, 600 for SOC)**
- **Calculation**
 - **Algorithms for computing agb, bgb from wood or timber or stand volume**

Methodology to Assess Forest Carbon Stocks

- **Work in progress on Second National Communication (SNC) to UNFCCC**
 - **Biomass Carbon (FSI)**
 - **SOC (ICFRE, IIRS)**

Thank you

for your attention