



*Reducing Emissions from Deforestation and Degradation*

# **REFERENCE CASE SETTING ISSUES: Early Ideas from Experiences in FCPF Program**



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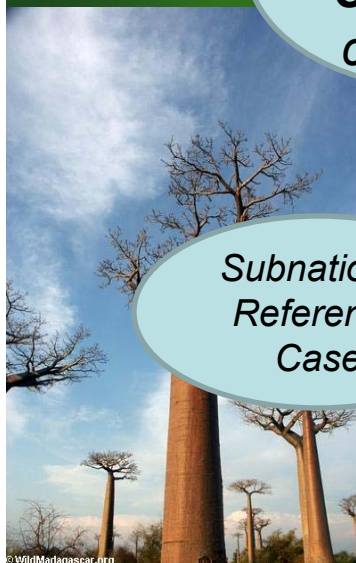
UNFCCC Reference Case  
Experts Meeting,  
Bonn, 3/23-24/09



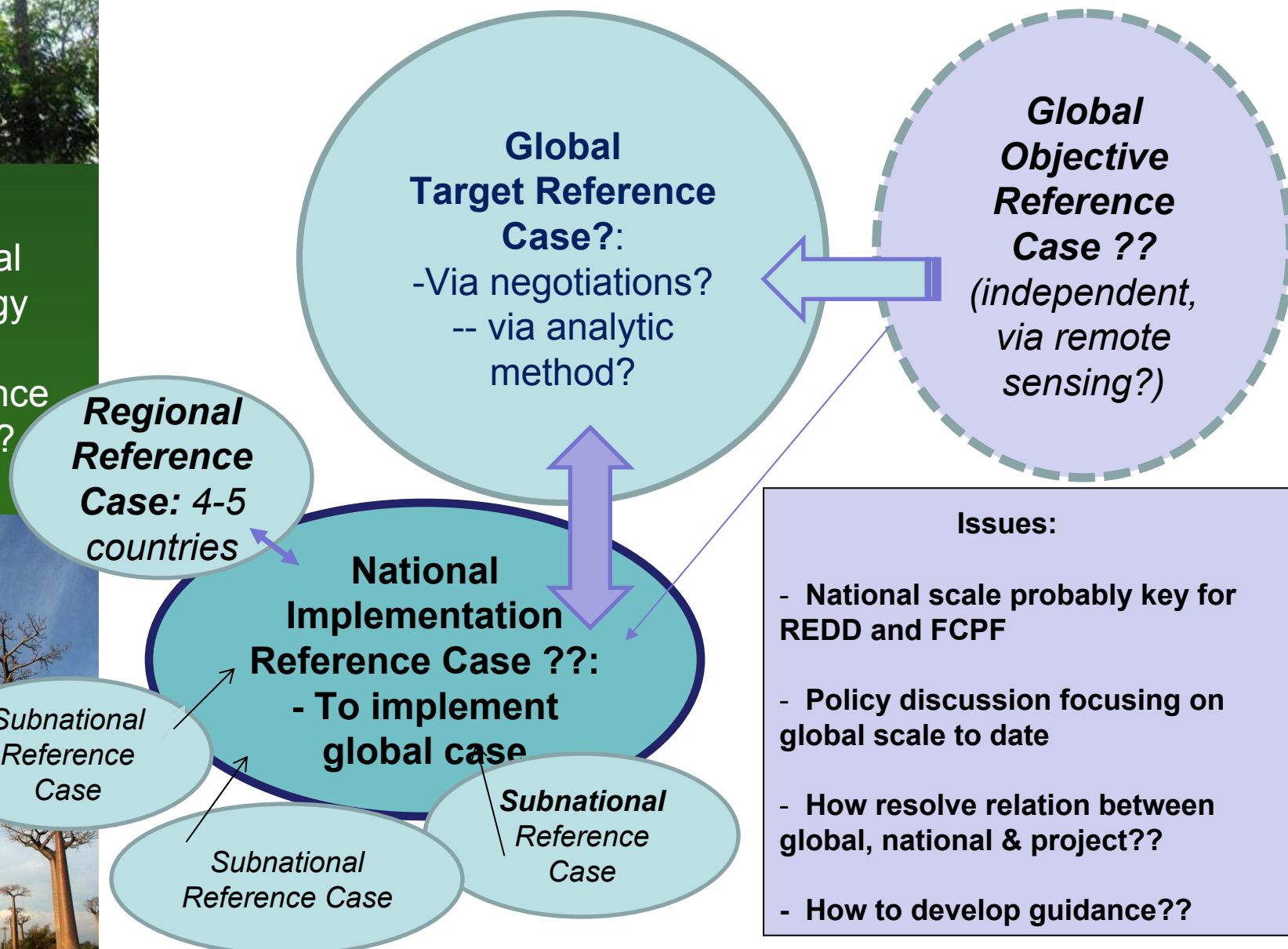
# Early Thinking About Reference Case Setting: What is Needed for REDD?? At What Scale & Resolution??



Potential Typology For Reference Case ??



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## Reference Scenario: National Scale



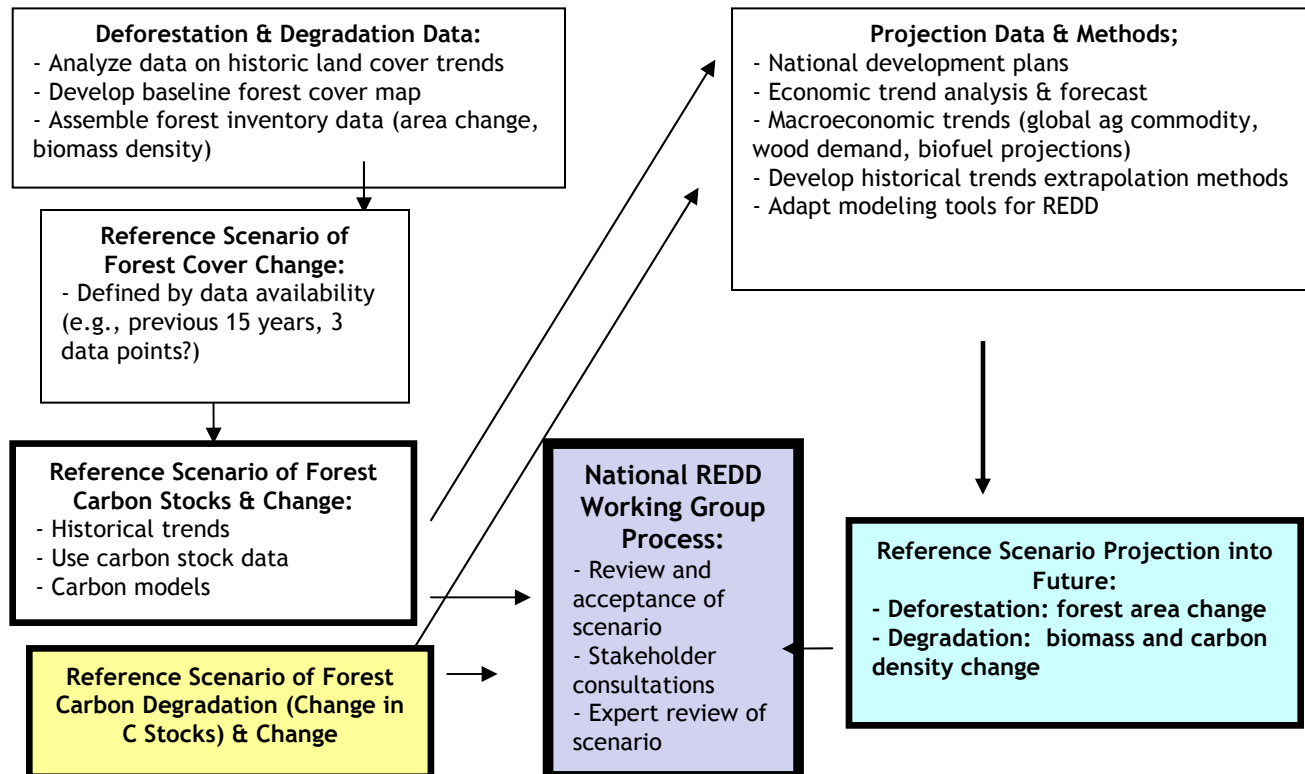
# FCPF Country REDD Readiness Plans (in Development): Require Developing National Reference Scenario

Major Steps for 2 methods:

- Historical Trends of past deforestation
- Projection into future of deforestation

### Historical Trends Analysis Approach:

### Projection into Future Approach:





# Can Regional Reference Cases Achieve Efficiencies??

## E.g., Congo Basin



Regional  
Scale



- Swamp forest
- Lowland forest
- Secondary forest

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[www.cbfp.org](http://www.cbfp.org)



### Questions to Explore:

- What do the 6 countries need, and can support, by when?
- How to set a reference case for a region? At what resolution?
- How deal with individual countries within it? And country ownership of its refer. case?
- What kind of approach/tool best for this region, which is relatively data-poor and capacity-limited??
- Can we start with something simple to get countries involved and trained, then move to more sophisticated tool later??
- Or develop more sophisticated tool now, like a simple partial equilibrium model for the Basin??

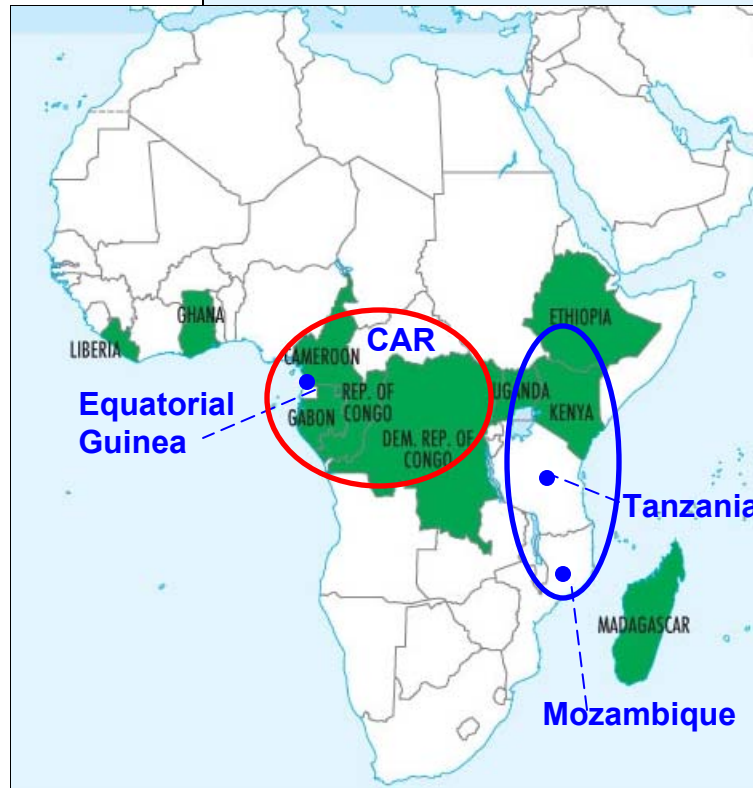


## Principles of Regional Approach to Redd



- Define advantages & disadvantages of regional work: e.g., address leakage
- Build voluntary cooperation on advantages: cooperate only when it makes sense
- Define inherently national tasks: e.g.?
  - National reference case selection
  - REDD strategy decisions
  - Stakeholder consultations
- Define potentially regional activities:
  - Reference case methods, approaches, developing regional tools
  - Potential REDD strategies & their impacts
  - Data assembly
  - Capacity building





Potential Regional Cooperation in FCPF ??

Legend

Selected Country

Selected 3/09

Legend:

○ Expressed Interest

○ Potential?

NOTE: all 27 countries now selected into FCPF

# Early FCPF Ideas on Regional Approaches



## 2-Track Approach ?



### TRACK 1: Regional “Rapid REDD Assessment”

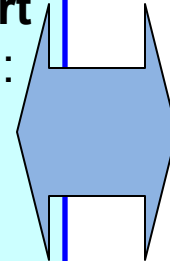
(quicker, but less precise)

#### • Develop Decision Support tools to meet policy needs:

- Potential future land use assessment (e.g, commodity crops land suitability).
- Early policy scenarios.

- Regional workshop
  - Inform longer-term modeling decisions.

- Start with existing regional model(s) to perform quick analysis.



### TRACK 2: Capacity Building: All Countries

(longer term, but detailed  
country results)

- Cooperate with many institutions for data, remote sensing, policy scenarios to model, etc.

#### • Assemble In-Country Modeling Team:

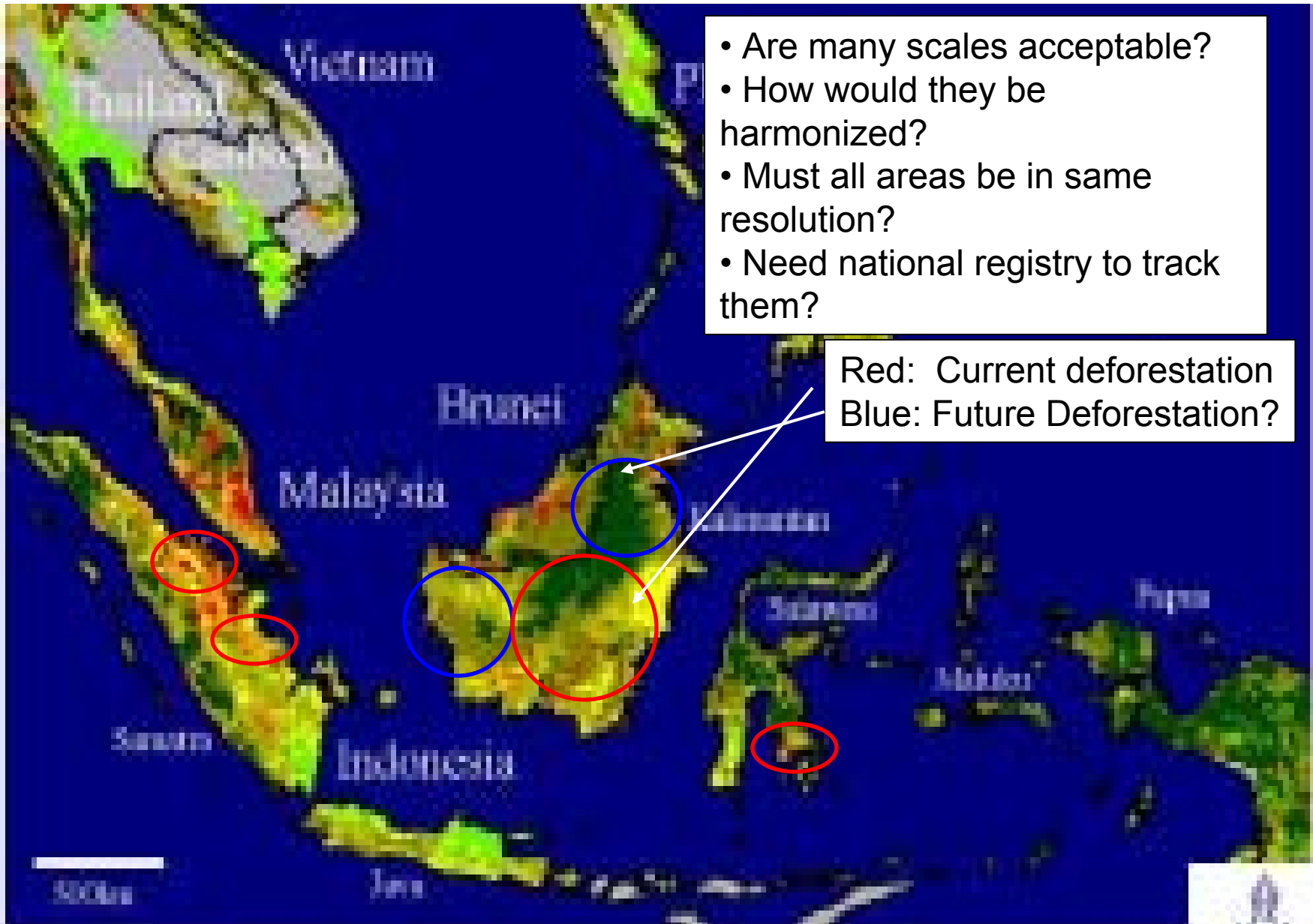
- Data
- Reference Scenario
- Policy Scenarios

- Produce national model for REDD

## ISSUES: Is Reference Case the Sum of Individual Reference Cases at Various Scales & Resolutions??

- Are many scales acceptable?
- How would they be harmonized?
- Must all areas be in same resolution?
- Need national registry to track them?

Red: Current deforestation  
Blue: Future Deforestation?







Issues:  
2

## Resolving National + Subnational: Would National Registry Help?

- Could country “find” project in national registry??
- Relation to GHG national reporting, IPCC GPG methods, and REDD needs – need consistency



Registry of Specific Programs or Projects: High Precision MMV ?	
Proj x	600,000 t CO2/yr
Proj W	230,000/yr

Rest of Nation: lower precision ?	
Stratified lands type A	1,345,000 t Co2/y
Stratified lands type B	
Stratified lands type C	

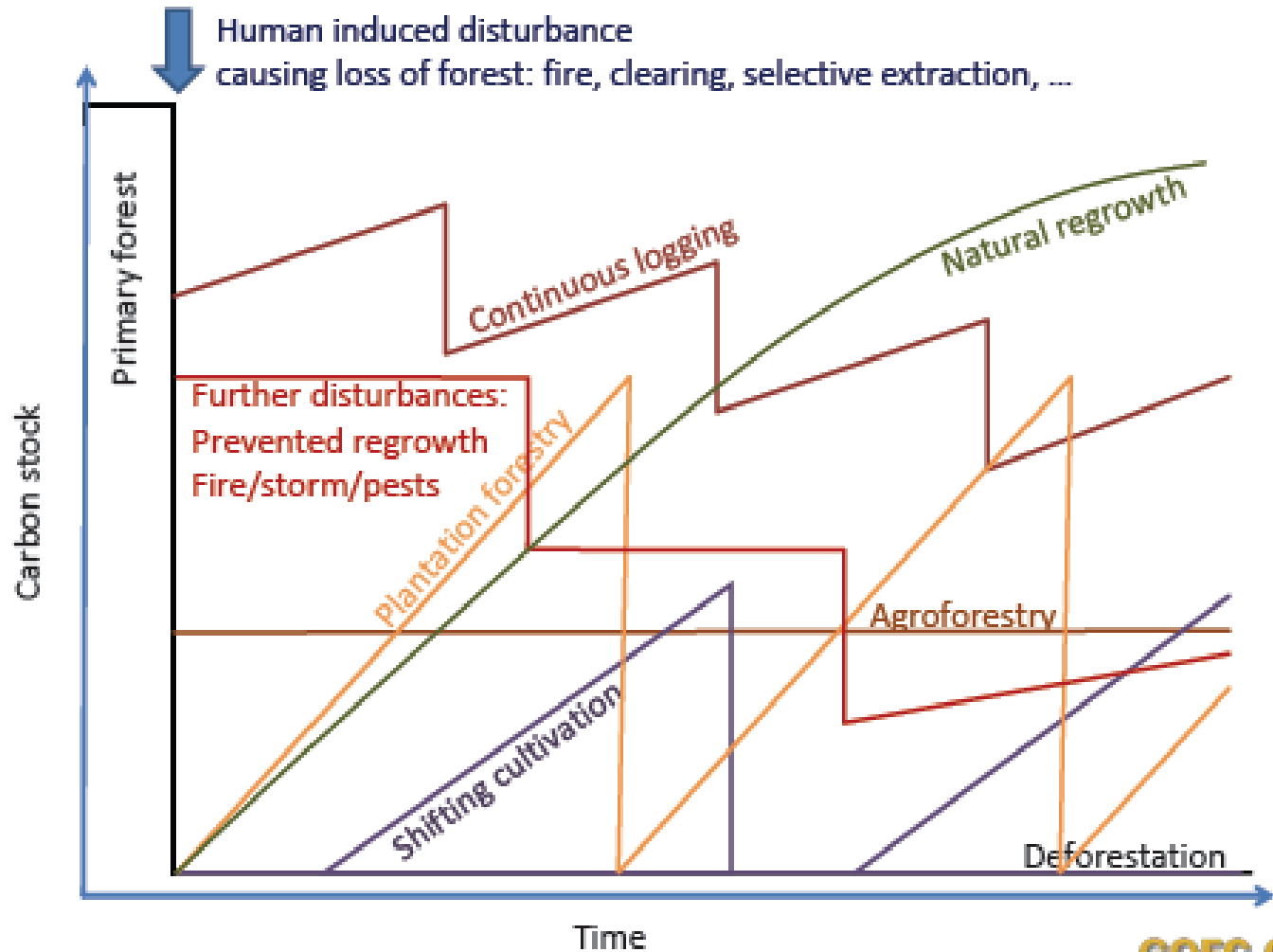


Degradation  
More  
Complex  
than  
Deforestation



## Issue: Which Activities Are in System ?? Changes Reference Case & Timing ...

### Forest degradation and carbon stocks



GOFC-GOLD

Source: Martin Herrold presentation to CfRN workshop, 2/09



## Summary Points



- **Summary of Potential Global Actions on Reference Cases for REDD:**
  - Agree on reference case methods
  - Develop Global Objective Reference Case ??
  - Make remote sensing data available
  - Develop review & evaluation methods for national reference cases
- **Summary of Potential National Actions:**
  - Use “Pledge and Review” approach ??
    - Build voluntary cooperation on advantages: cooperate only when it makes Country selects LUCF activities
    - Review by international experts: like Annex I In-Depth Review of national Communications ??
  - Do pilot activities to experiment with reference case approaches ??