Requirements for improved observations for REDD

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UNFCCC COP-14, GTOS Side Event
Poznan 3 December 2008

UN-REDD Programme

- Coordinated response to Bali decision and contribution to UNFCCC negotiations
- Country-driven joint programmes
- Delivering as “One UN”, comparative strengths
- Global and national coordination with other REDD related initiatives
- Diversity of approaches: range of methodologies, risk management formulae and payment structures

UNEP

Basic market parameters

- Defined product/service (tonnes of C)
- Auditable deliveries
- Transaction management and cost
- Risk management and cost
- Scaleability

All of this points at **biomass** as the key measure for a REDD mechanism

Measuring Biomass..

- No direct measurement possible/feasible
- Field inventory measurements provide reliable estimates
- Remote sensing can enhance these estimates, but methodology and standardization continues to be a struggle

Remote sensing data availability

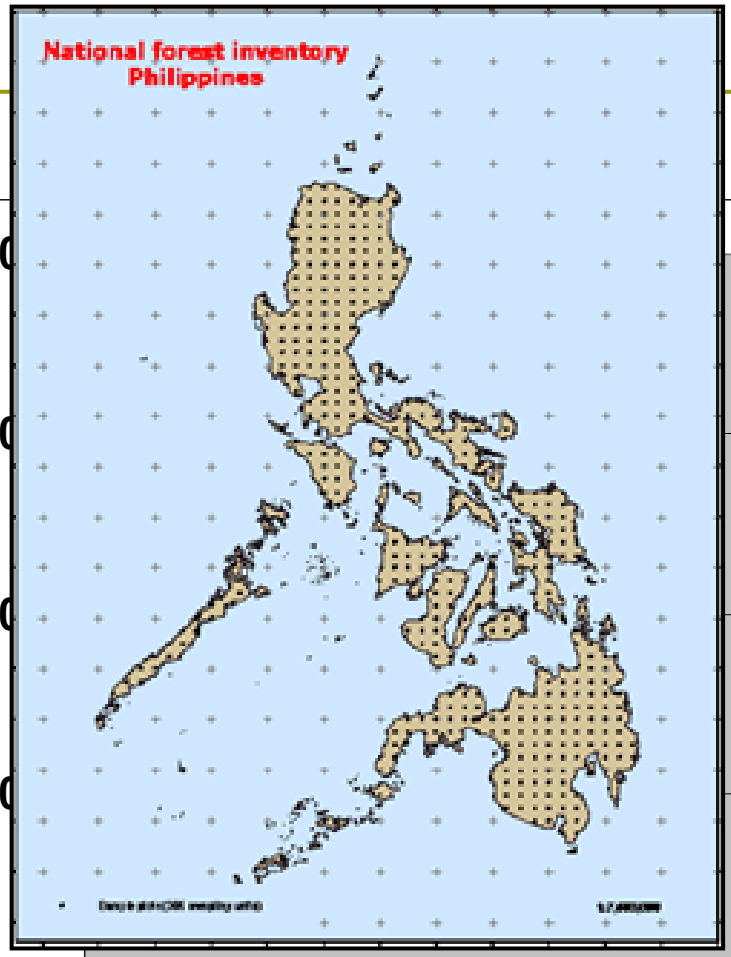
- Frequent
  - At least annual
  - From many sensors
- Free
  - No cost at end-user level
- Useful
  - Landsat-type or better
  - Must be processed and standardized (to ECV)
  - or be ready to plug into standard methods

FAO/UN-REDD works with GEO/CEOS on this

Requirements under different conceivable credit constructions

Construction	Data needs (cost)	Other issues
Credits for reduced flow against baseline (change of change)	Extremely high	Permanence Scaleablility
Credits for net change in carbon stock (change)	Very high	Permanence
Credit (rent) for carbon stock (state)	High	

Biomass data generation



Thank you!