



Forest GHG inventory activities of the Coalition for Rainforest Nations

IPCC Expert Meeting National Forest GHG Inventories – a Stock Taking

sandro federici, gea galluzzi

Yokohama

February 23-25, 2010



Coalition for Rainforest Nations



Forest monitoring in CfRN countries



- **On going survey:**
 - national forest inventory
 - national forest GHG inventory
- **Current status:**
 - Administrative units in charge
 - Availability/quantity/quality of data
 - On-going improvements
 - On-going capacity building activities
- Planned actions and improvements
- Need for capacity building
- When finalized the survey will be made available



Coalition for Rainforest Nations

Countries' requests for GHG inventories



- **Initiative:** CfRN workshops to discuss potential REDD+ countries' needs and requests for capacity building:
 - Bonn, August 2009
 - Barcelona, November 2009
- **Developing countries request:**
 - a) Standardized system ensuring generation of the highest quality estimates.
 - b) Coordination of all agencies involved.
 - c) Financial support by Annex I Parties



Coalition for Rainforest Nations

CfRN's response



Challenges:

- Science and methodologies are continuously evolving
- National circumstances (including technical skills) are highly variable in time and space

Therefore a standard system aimed for high quality

Estimates:

- likely complex for currently available technical skills
- unable to address specific circumstances
- soon outdated
- costly

Is likely to deliver POOR QUALITY data at HIGH COSTS



Coalition for Rainforest Nations

CfRN's response



Action: Project for capacity building on setting up GHG inventories through a stepwise, learn by doing approach -based on principles of estimating science and logic of GHG reporting- which:

- allows starting a GHG inventory with current technical skills and data availability
- aims at gradually and continuously improving quality of estimates while technical skills are being further developed

This approach should address different national circumstances in a cost-effective way



Coalition for Rainforest Nations

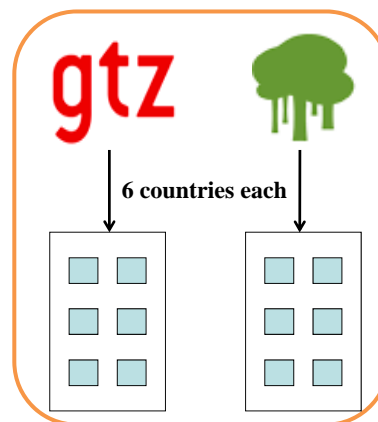
CfRN actions underway



- Partnership with GTZ with funding from German BMU
- 12 countries covered in 2 different regions (6+6)
- 2 technical teams
- 3 years
- Coordination with USA/EPA, FAO and UNFCCC
- Aiming to global cover of REDD+ countries interested

Activities at three levels:

GLOBAL	workshops
REGIONAL	workshops
NATIONAL	training courses



Coalition for Rainforest Nations

CfRN actions underway



Detailed Goals:

- Train at least two officers/country in planning, preparing and managing national GHG inventories
(according to UNFCCC national systems guidelines)
- Train at least two officers/country in use of IPCC guidelines for producing data (source/sink estimates, uncertainty analysis, key category analysis) for the national GHG inventory*
- Produce a pilot national forest GHG inventory
(consistent with UNFCCC reporting guidelines)
- Propose at least one of the trained officers to be nominated by the Country to the UNFCCC roster of experts

* Upon Countries' request for guidance on specific methodological details, the use of GOFC-GOLD sourcebook will be considered.



Coalition for Rainforest Nations

CfRN Approach



Why a NATIONAL inventory system?

- For coordination, consistency and continuity of inventory activities, maintenance and improvement of the technical expertise

Why make the GHG inventory and its system consistent with UNFCCC guidelines?

- For ensuring application of the universal principles of estimating science: transparency, consistency, comparability, completeness, accuracy
- For consistency between countries' MRV systems and comparability between national mitigation effort (fundamental for rewarding REDD+ achievements either through a fund or market mechanism)



Coalition for Rainforest Nations

CfRN Approach



Why produce estimates according to IPCC guidelines?

- To make GHG Inventories compliant with the 5 universal principles of estimating science
- To apply a “learn by doing” approach: continuous improvements of methods, data and technical skills, thanks to:
 - Key category analysis
 - Uncertainty analysis
 - Tiered approach(+ Independent review based on UNFCCC guidelines)
- To cover all range of national circumstance through tiered approach



Coalition for Rainforest Nations

CfRN Approach



IPCC Guidelines

- Are the most advanced instrument to produce a complete GHG Inventory of anthropogenic emissions by sources and removals by sinks which can be produced for any given area and time period
- Cover all potential variability in time and in space in a scientifically sound manner
- Provide a user-friendly procedural framework not constrained by fixed standards (flexible)



Coalition for Rainforest Nations