



Towards REDD: the Papua New Guinea National System to monitor and report GHGs emission from forest land

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Objective

To establish a national monitoring system able to report emission from forest land following the UNFCCC reporting requirements for Annex I Parties. The system will be in compliance with the IPCC Good Practice Guidance 2003 and AFOLU 2006 Guidelines methodologies.

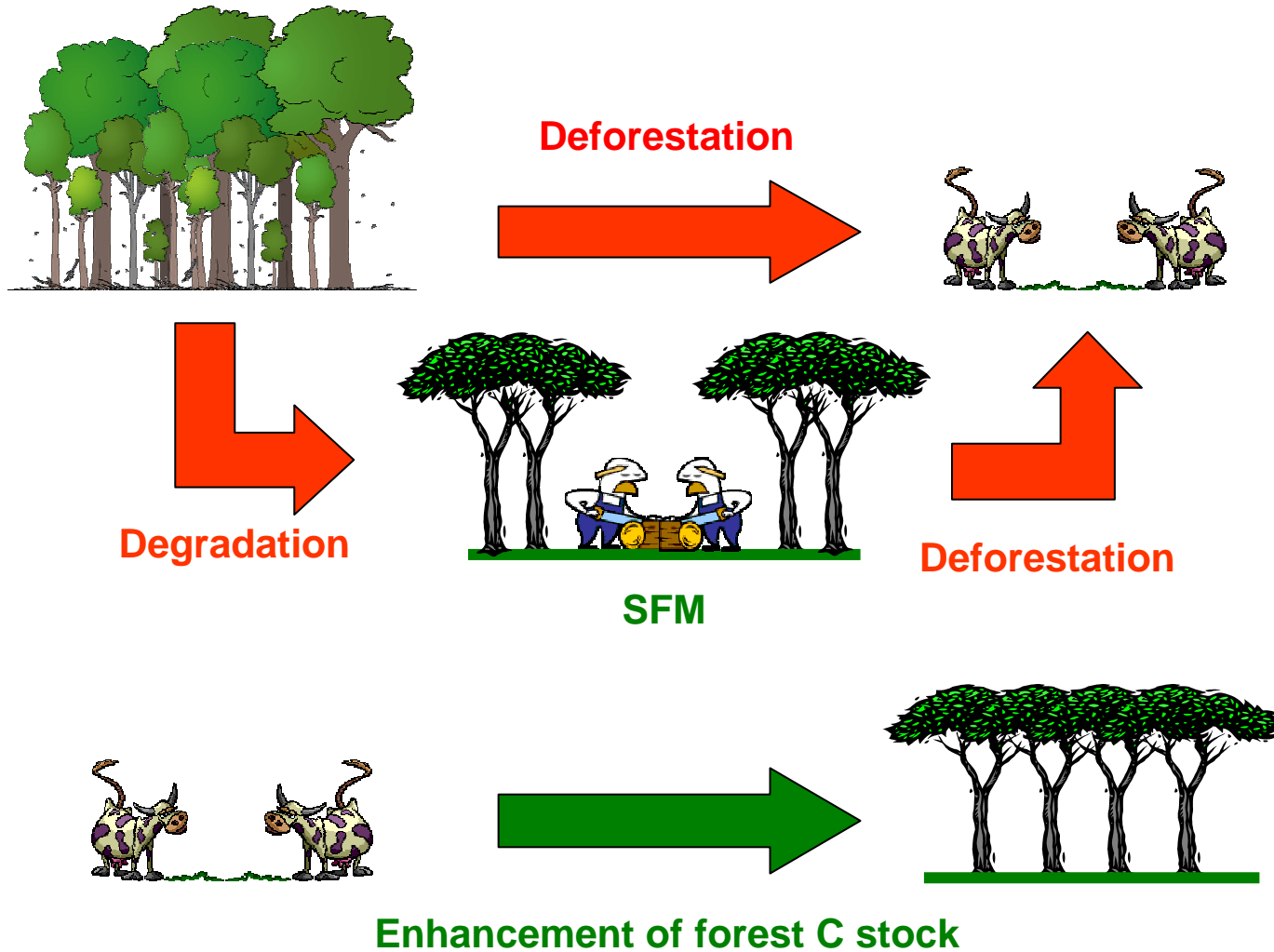
PNG will report forest area change (activity data) using IPCC Approach 3 and is willing to report carbon stock changes at IPCC Tier 3.

The PNG national monitoring system will be developed also in order to support the implementation of the REDD national policies and measures.

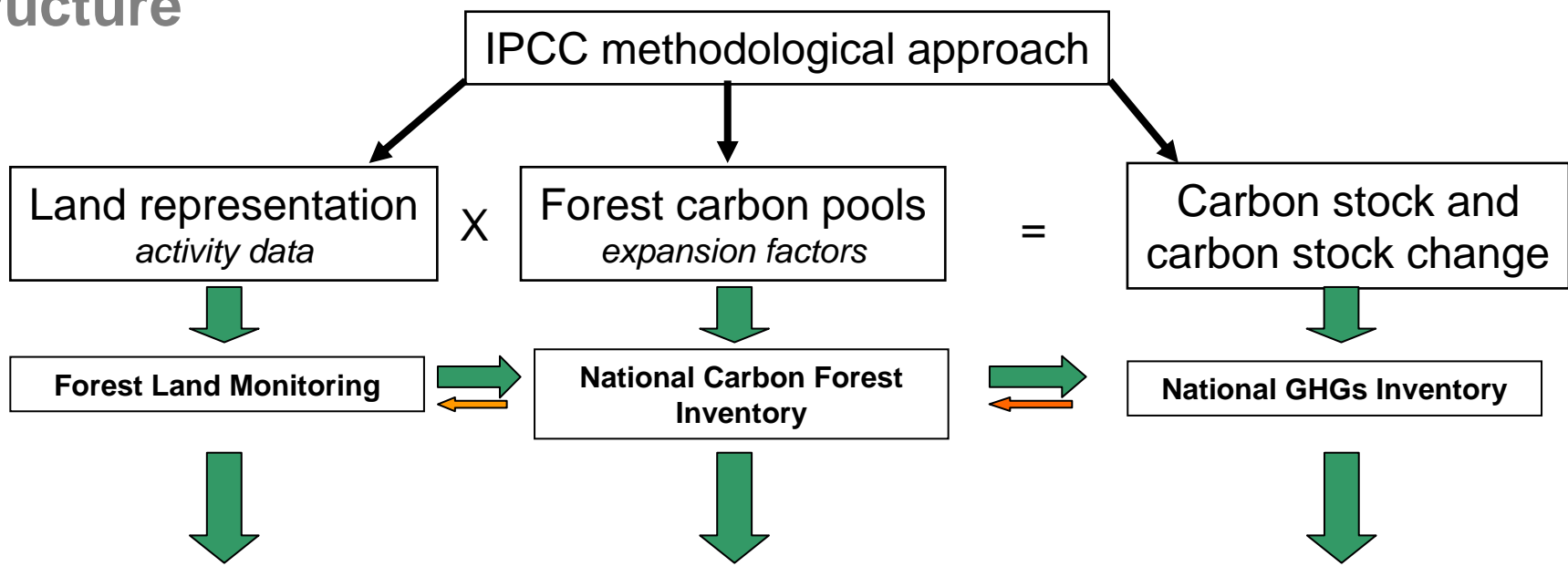


Concepts

PNG will assess emissions and removals from forest land



Structure



System Spec.

Operational wall-to-wall system based on satellite remote sensing data, with a sampling approach to assess historical deforestation and degradation rate. Changes in forest area to be assessed in order to fulfill the IPCC Approach3 reporting requirements. The system will be based on the TerrAmazon software platform and will adopt a methodology which will be a combination of the FRA-RS methodology developed by FAO-JRC and the PRODES - DEGRAD methodology developed by INPE. Data distribution on web-GIS system .

First national forest inventory to be completed by end 2011. Future inventory based on continuous inventory sampling system, e.g. Indian forest inventory. Data on carbon stock for all forest carbon pools in the main at IPCC Tier2 and Tier3 reporting requirements. The national Inventory will be integrate with community level inventories to support REDD implementation. The inventory will have a multi benefit approach e.g. FAO-NFMA.

National inventory for the AFOLU sector as per Annex-I Parties under UNFCCC. The Inventory could be develop to implement the "gain-loss" or the "carbon stock difference" IPCC methods, or it could you the input



PNG MRV system for REDD

