

### Validation of Legal Timber Programme (Ghana) An Overview

#### CHANGING INTERNATIONAL MARKETS FOR TIMBER WHAT AFRICAN PRODUCERS CAN DO

TTF-IFIA ROADSHOW, KUMASI - GHANA:  $17^{TH} - 18^{TH}$  MAY, 2005

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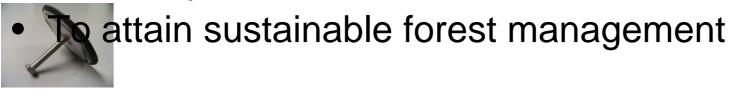




# **Programme Objective**



- To capture the 'real' share of forest revenue for State & stakeholders
- To conform forest management & control with forest laws/regulations, (national, regional, international)
- To align wood processing capacity with sustainable resource management objectives
- To ensure Ghana's continued access to major wood export markets.





## The Old Tracking System: Problem



- Paper based and manually operated
- Multiple agencies involved without the appropriate networking and data reconciliation
- Management & control system only loosely meets emerging market requirements
- Producer export permits (data) only loosely linked with upstream data
- System based Certificates still an issue





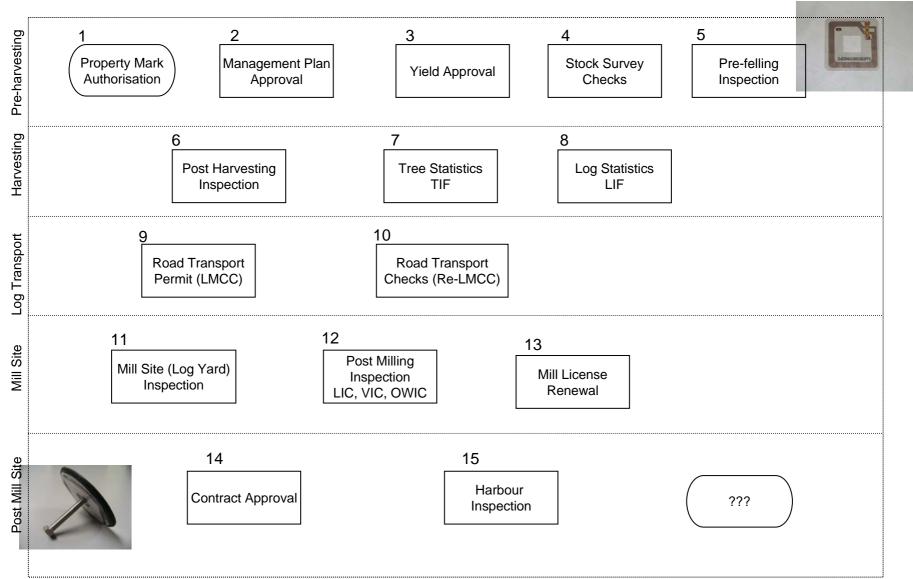
## The Review



- The Forest Control System
  - Institutional Roles & Responsibilities
- Institutional Framework
- The Tracking System
- Required Participation and Obligations of the Industry
- Legal Framework
- System based certificates/licensing scheme (VLO, VLC)
- Phased approach to certification



### **Existing Forestry Control Mechanisms**





# **Control System Review**



- What control system most answers to need
- Do we need all the controls in their present form
- How would the (retained) controls be made most efficient
- Who should exercise the control





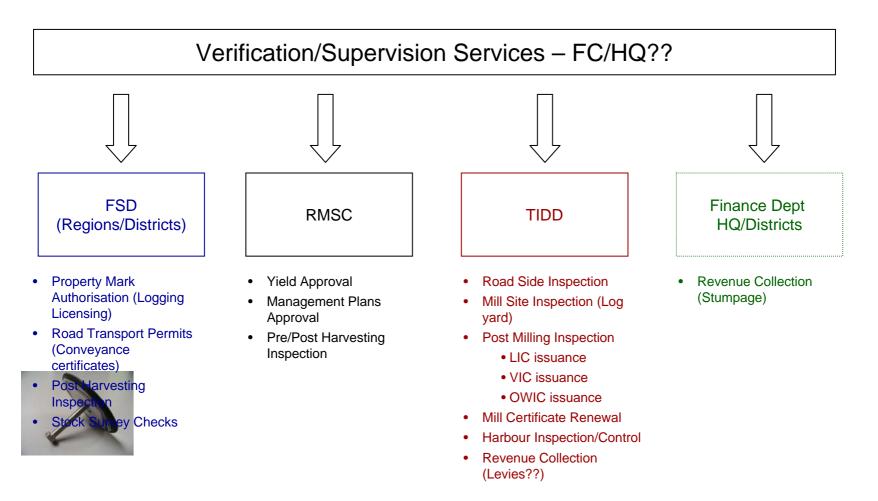
#### Ghana's Summary Timber Flow Process – As Is

Stock Survey		
Stock Survey	Tree uniquely Identified per Compartment (Survey Book)	Stock map - Tree information Committed
Stock Info	Stock map - Tree information (paper)	Stock map - Tree information Committed to
Yield Allocation	Yield Map (Paper)	Yield Map (electronic – ArcView) with expected felling directions
Felling	Felling inspection report	Felling Inspection report (GPS). Felling direction, Distance to first branch, height of
Tree Stats collected	Tree Info Form (TIF) - paper	stump, Tree Info Form (TIF) – Electronic derived from felling insp. report
Felled Tree cross-cut ▼	# Logs	
Log Stats collected	Log Info Form (LIF) - paper	Log Info Form (LIF) – Paper & Electronic (RFID/TIF)
Logs Transported	Presented at District office for inspection	
1st Road-side Inspection	LIF information verified (LMCC) – paper	LIF info verified (LMCC) – electronic
2 <sup>nd</sup> Road-side inspection	LMCC X-checked Re-LMCC issued - paper	Re-LMCC - electronic
Log Receipt @ Log yard	LMCC X-checked Re-LMCC issued - paper	
Mill point activity		Input-output analysis
Export point declaration		
	Info Yield Allocation Felling Felling Felled Tree cross-cut Felled Tree cross-cut Log Stats collected U Log Stats collected V Log Stats collected V Cog Vard V Kill point activity	Info  (paper)    Yield  Yield Map (Paper)    Allocation  Felling    Felling  Felling inspection report    Tree Stats  Tree Info Form (TIF) - paper    Felled Tree  # Logs    Log Stats  Log Info Form (LIF) - paper    Logs  Presented at District office for inspection    I*  Road-side    Inspection  LIF information verified (LMCC) – paper    2 <sup>nd</sup> Road-side  LMCC X-checked    inspection  LMCC X-checked    @ Log yard  LMCC X-checked    @ Log yard  LMCC X-checked    Mill point     Export point



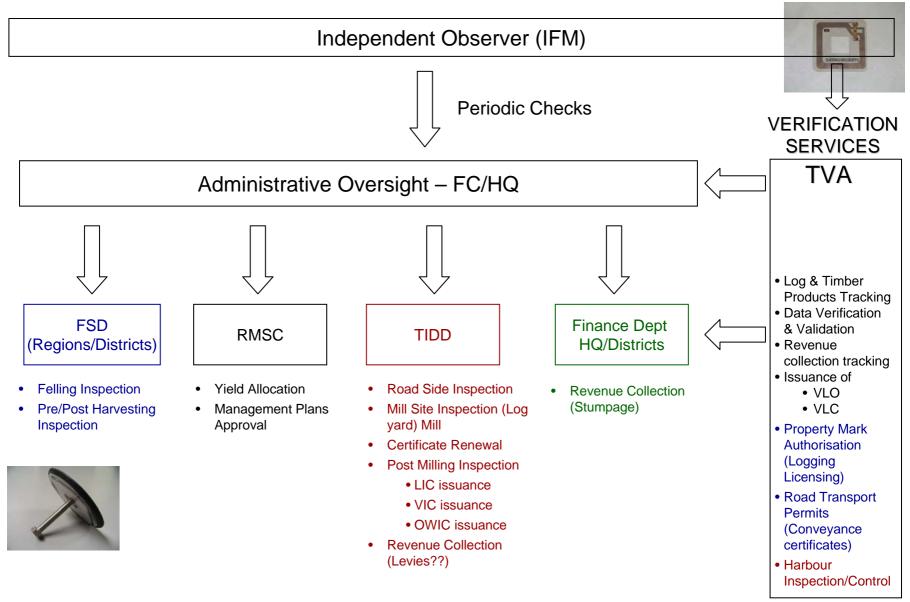
### The Ghana Forest Control System (As Is)





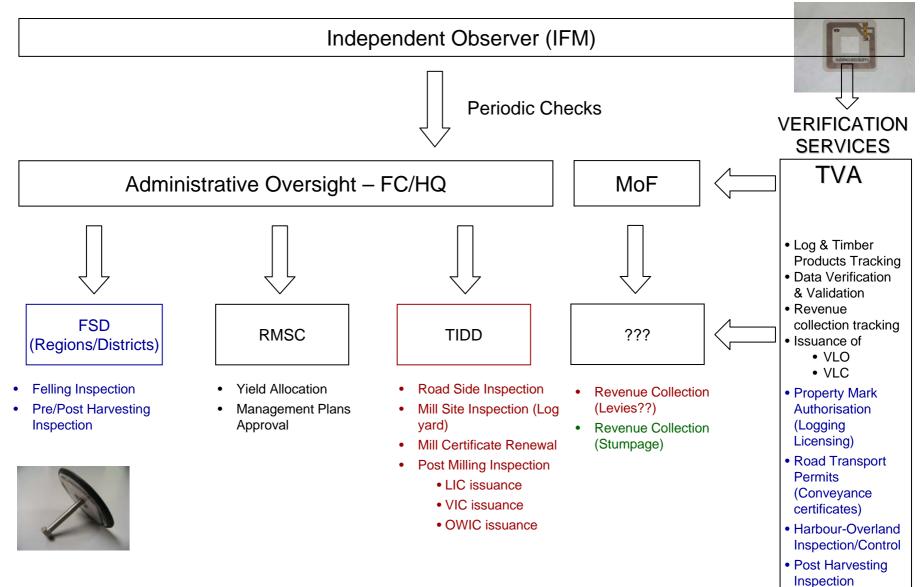


#### The Ghana Forest Control System (Proposed) Option 1



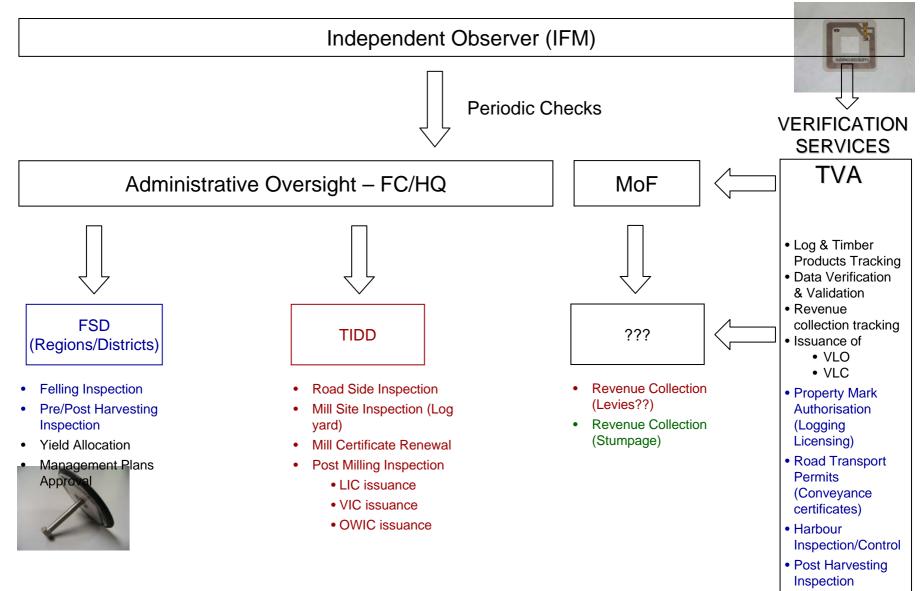


#### The Ghana Forest Control System (Proposed) Option 2





#### The Ghana Forest Control System (Proposed) Option 3





## Review Considerations -Technological



- Technology enables efficient tracking
  - From standing tree/Stump to Mill and export point
  - Enables tree, log, processed wood labels and transport documentation
  - Security offered can withstand local fraud practices
- Agency systems are be able to interface with industry systems
- Able to monitor production on day to day basis
- Solution of the second se



Review Considerations – Legal & Institutional



- The Legislative Limitations & Opportunities
- How conveniently legal gaps can be filled
- Institutional revision TVA and reformulation of regulatory tasks of FC





Review Considerations – International Requirements



- Governance issues
  - Separation of Management & Control Roles & Responsibilities
- Participation of Independent Monitors/Observers
- Market changes





## **Required Participation of Industry**



- A level of computerisation required in data capture and management
- Interfacing with systems of the Validation Agency
- Reconciliation of exporter's upstream data with granting of export permit
- Burden of proof with industry (exporter)





# The Technical Requirements



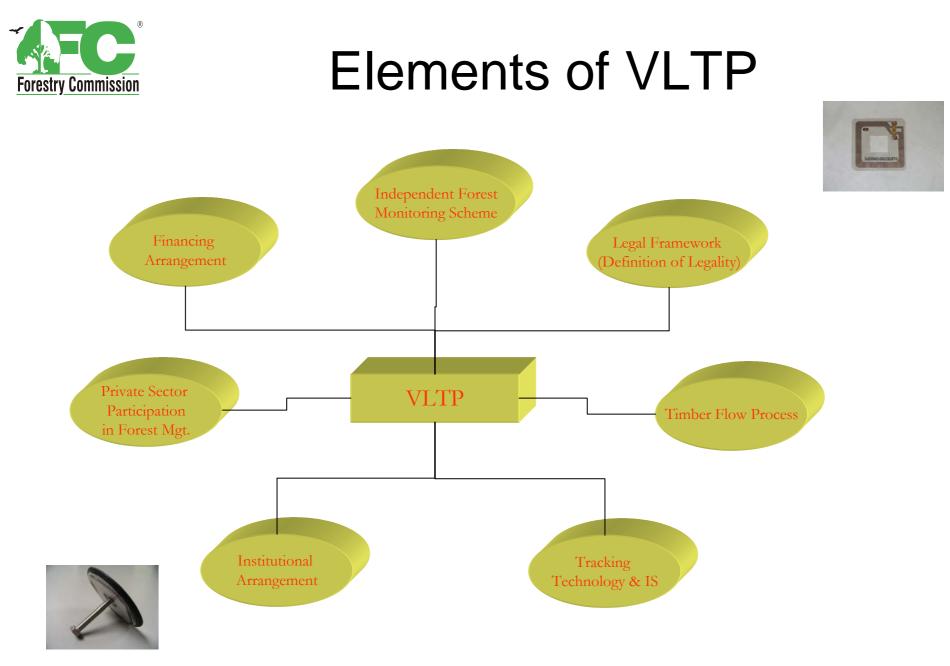
- An internationally credible and auditable tracking system working within an Agency with
  - well defined boundaries of control responsibility and issuing
  - Certificates of Legal Origin (CLO)
  - Certificates of Legal Compliance (CLC)
- National framework within which legal compliance is determined
- Third party participation in endorsement of validity required for international acceptance



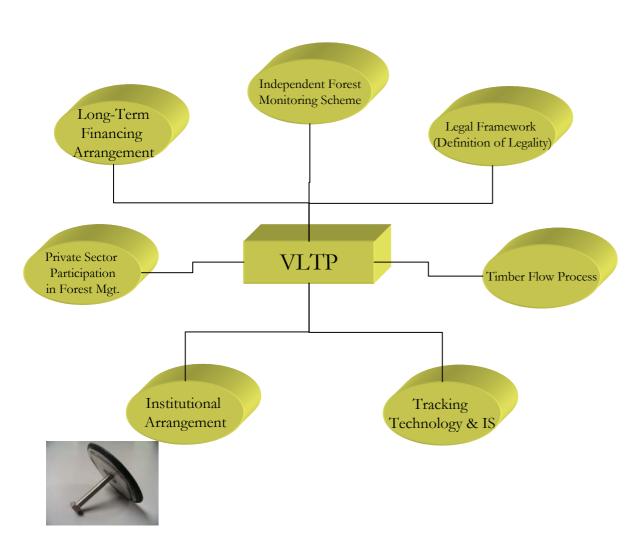
# **Benefits to Industry**



- Continued access to prime international wood markets
- Improved management of wood supply chain
- Better control of theft and fraud within company
- Better harvesting planning based on better information on spp., vol., grades of timber removed from FMUs.



# The Time Line - 2005



**Forestry Commission** 



- Discussion Papers Ready
- E. O. June, 2005
  - Discussion Papers Distributed
- E. O. August, 2005
  - Ghana's Direction Determined
- Early September, 2005
  - Tracking System identified & Procured
- October, 2005
  - Installation & Testing Commences
  - Piloting of Concept
- January, 2006
  - Roll Out