

PNG Forest Authority Experiences on Forest Governance and tracking technologies

Tom Bukon
PNG Forest Authority



Presentation overview

- ◆ Brief background on PNG's forest governance and monitoring system
- ◆ The need to improve current forest practices
- ◆ Highlights of the ITTO PROJECT PD 449/07, Enhancing Forest Law Enforcement in PNG
- ◆ Differences of the two systems and identified improvements to the PNGFA system.
- ◆ Recommendation

Brief Background on PNG's Forest Law Enforcement

- ◆ PNG is committed to SFM, has developed and implemented forest laws and policies to attain SFM objectives.
- ◆ Has in place a regulated log harvest monitoring system backed up with specific operational guidelines however weak monitoring capacity in the field is still an issue.
- ◆ Present log harvesting operating systems cannot be easily verified or independently audited.
- ◆ Log flow and tag histories cannot be easily tracked in the process, verification is only done at ship loading.
- ◆ Have in place an independent log tag verification check for log export only (wharf – ship)

Log tracking Systems and processes

ENHANCING FOREST LAW ENFORCEMENT IN PAPUA NEW GUINEA

ITTO Project PD 449/07 Rev 2

Duration : 2 years
Start date : 1st August 2010
Completion date: 30th September 2012

Development Objective

To increase the contribution of the forestry sector to PNG's national economy through enhanced market access and higher foreign exchange remittances, as well as further improve the sectors SFM practices by enhancing forest law enforcement and governance

Specific Objective

To improve the detection and prevention of illegal logging and export of wood products from PNG



Project Outputs

Output 1

A cost effective log tracking and chain of custody verification system appropriate to the needs and requirements of PNG developed and field tested for implementation in collaboration with key stakeholders (two pilot timber concessions involved)

Output 2

A database to capture timber products flow information developed and field tested for implementation

Output 3

A TIMBER LEGALITY STANDARD based on FLEGT guidelines and principles, together with an INDUSTRY CODE-OF-CONDUCT

Output 4

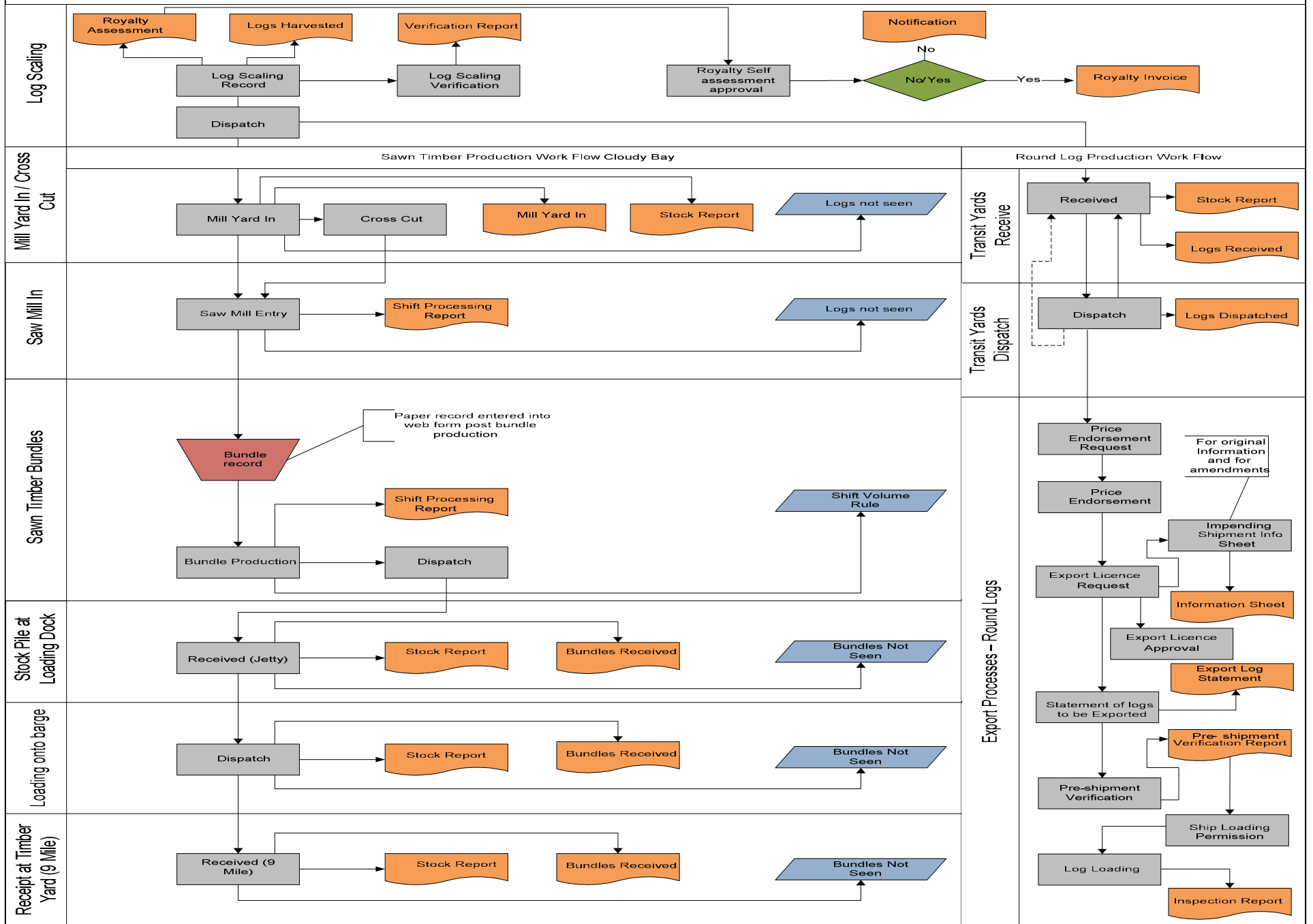
A TRAINING MODULE for enhancing the skills and expertise of key stakeholders in the monitoring of forestry activities to detect illegal practices developed and implemented.

Project Output status 1 &2

Outputs 1 & 2

- A software system has been designed to provide outputs 1 & 2
- User acceptance testing is in progress including staff training.

ITTO / PNGFA Timber Traceability Pilot





Royalty Assessment

Assessment Reference Number: RA.CBSFL.00000115

Company: Cloudy Bay Sustainable Forestry Ltd

Assessment End Date: 31/03/2012

Receipt Number :

Assessment Approval Status: Pending

Debit Note Number:

Timber Permit Number: 03-01

Set Up Number: SUL01

Clan/Land Owner: Gwalna

Species: BUR

Log ID Number	Average Diameter	Length (Lower 0.1 of a Meter)	Gross Volume m³	Defect Type	Defect Volume m³	Net Volume m³	Royalty Rate	Royalty Payment
60301-22913	57	27.3	6.966	No Defect	0.000	6.966	15	104.49

Number of Logs of Species: 1 Total Net Volume of Species: 6.966 Total Royalty Payment for Species: 104.49

Species: CRY

Log ID Number	Average Diameter	Length (Lower 0.1 of a Meter)	Gross Volume m³	Defect Type	Defect Volume m³	Net Volume m³	Royalty Rate	Royalty Payment
60301-40758	46	13.5	2.244	No Defect	0.000	2.244	10	22.44

Number of Logs of Species: 1 Total Net Volume of Species: 2.244 Total Royalty Payment for Species: 22.44

Species: GUW

Log ID Number	Average Diameter	Length (Lower 0.1 of a Meter)	Gross Volume m³	Defect Type	Defect Volume m³	Net Volume m³	Royalty Rate	Royalty Payment
60301-40760	47	8.3	1.440	No Defect	0.000	1.440	10	14.40
22894	72	11.8	4.804	No Defect	0.000	4.804	10	48.04
22893	67	1.1	0.388	Half Core	0.023	0.365	10	3.65

Number of Logs of Species: 3 Total Net Volume of Species: 6.609 Total Royalty Payment for Species: 66.09

Species: KWI

Log ID Number	Average Diameter	Length (Lower 0.1 of a Meter)	Gross Volume m³	Defect Type	Defect Volume m³	Net Volume m³	Royalty Rate	Royalty Payment
60301-22916	60	1.6	0.452	No Defect	0.000	0.452	35	15.82
22904	49	15.7	2.961	Length	2.829	0.132	35	4.62
22903	67	10.4	3.667	No Defect	0.000	3.667	35	128.35
22902	60	8.9	2.516	No Defect	0.000	2.516	35	88.06
22899	79	13.4	6.568	No Defect	0.000	6.568	35	229.88
22897	71	12.5	4.949	No Defect	0.000	4.949	35	173.22

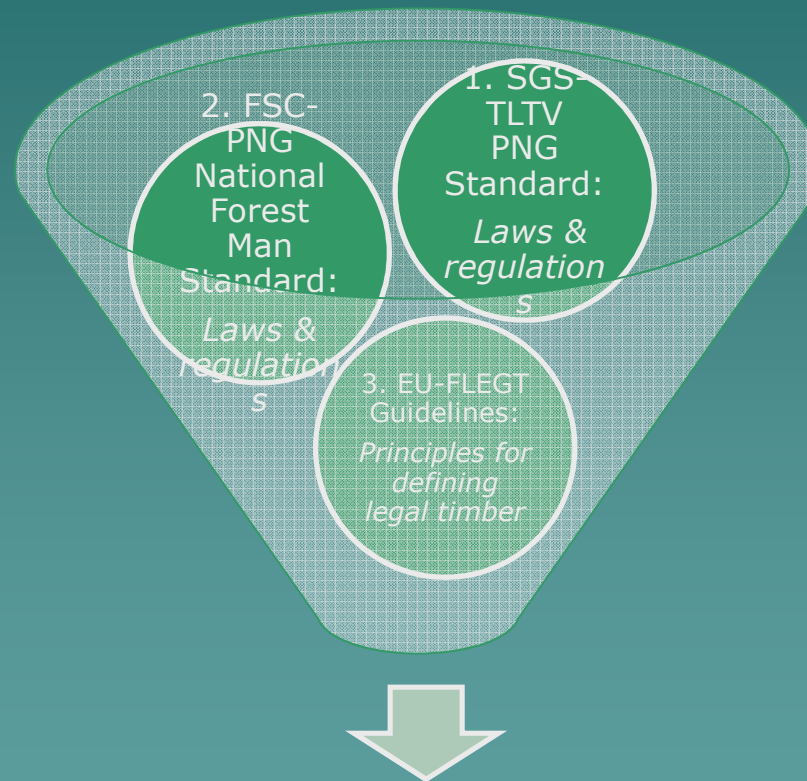
Number of Logs of Species: 6 Total Net Volume of Species: 18.284 Total Royalty Payment for Species: 629.94

Species: MAT

Log ID Number	Average Diameter	Length (Lower 0.1 of a Meter)	Gross Volume m³	Defect Type	Defect Volume m³	Net Volume m³	Royalty Rate	Royalty Payment
60301-22914	51	20.1	4.106	No Defect	0.000	4.106	10	41.06

Output 3

A timber legality standard and industry code of conduct are being developed.



Starting Point for the PNG Timber Legality Standard

Output 3

Framework on Code of Conduct 1st Draft completed

Organisation's mission.

A statement from the organisation's Managing Director or Board Chariman.

Organisational values and principles.

A statement about how the organisation relates to the community, the environment and society.

A statement about ethical and unethical behaviour.

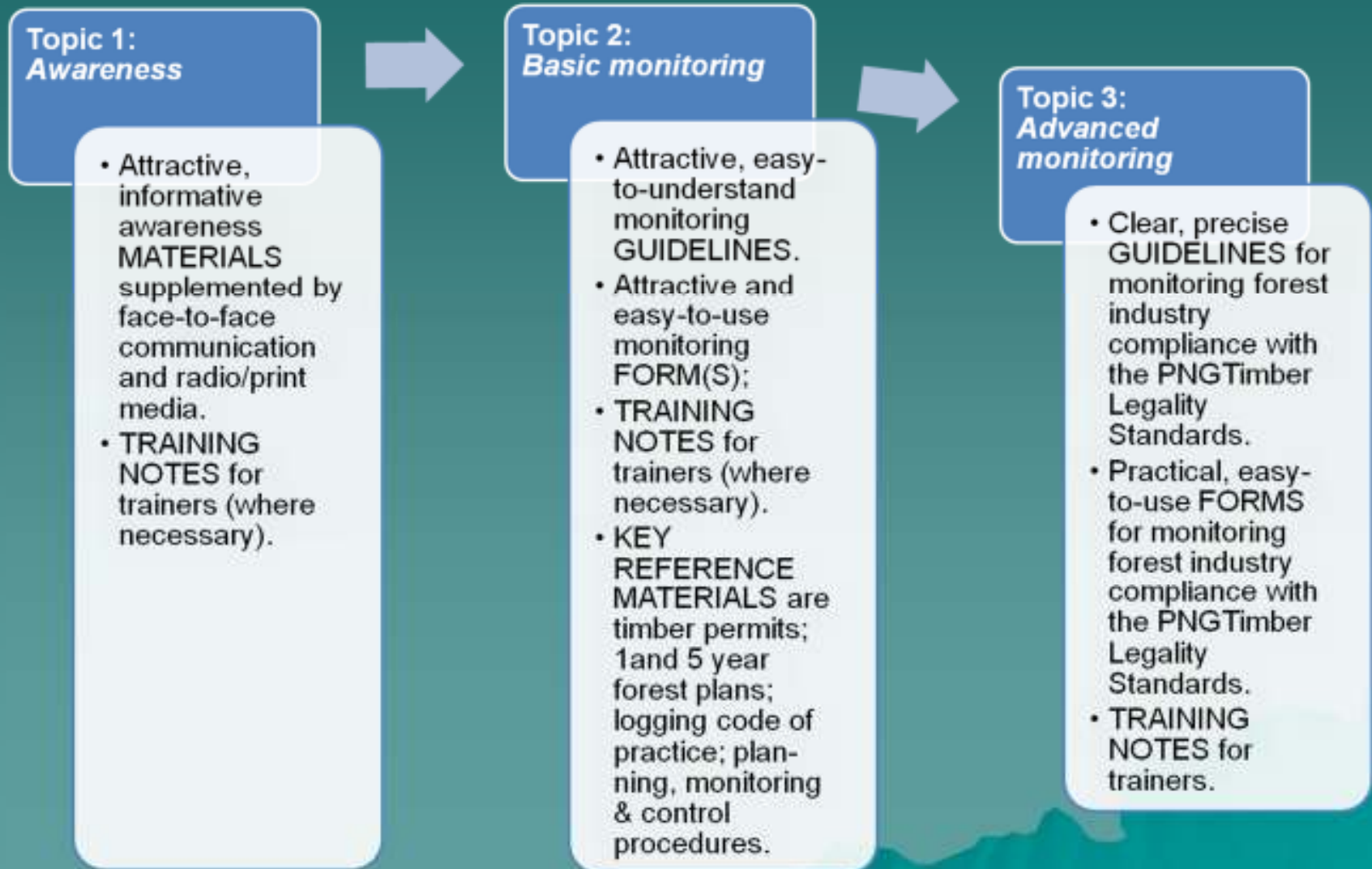
A list of specific rules of conduct.

A statement showing the organisation's commitment to perormance monitoring and assessment.

Output 4 :

Framework on Training Module

1st Draft completed



Gains from the Project

Internationally

PNG FA will be well placed to meet any future verification requirements.

A higher degree of transparency will be added proof and evidence of timber legality system in place for PNG.

Institutionally


Calculation of timber royalties and other statutory taxes will be smoothened

Access to field data will be faster enabling timely management decisions.

Locally

Procedures will be standardised
Data entry will be faster


Difference from Current System

- A paper-free tracking system available to all companies
 - Ability to transmit log data via mobile internet
 - A web-based royalty approval system
 - A web-based database which can be interrogated by approved users world-wide
 - Web-based reports designed for differing categories of users
- 
- A stylized, dark teal silhouette of a mountain range is positioned in the bottom right corner of the slide, extending from the right edge towards the center.

Future Implementation / Action

With the plan for possible nationwide application in the future.

PNGFA will continue to maintain and use the experiences gained at the two pilot sites and have it run in parallel to the existing system to ensure the following:

- its personnel get used to the system
 - test the reliability of the new system against existing system
 - determine the actual cost of running the system
 - legislative provision for nationwide application
- 
- A stylized, dark teal silhouette of a mountain range is positioned in the bottom right corner of the slide, extending from the right edge towards the center.

Recommendation

It is recommended to ITTO for continued future support and assistance in the areas of;

- Institutional strengthening
- Personnel capacity building
- Financial support

Ensuring that the processes and tools developed from this project are absorbed into its (PNGFA'S) administrative structure to strengthen current monitoring capabilities.



Thank you