

# TIMBER TRACKING SYSTEM IN INDONESIA



MINISTRY OF FORESTRY OF RI



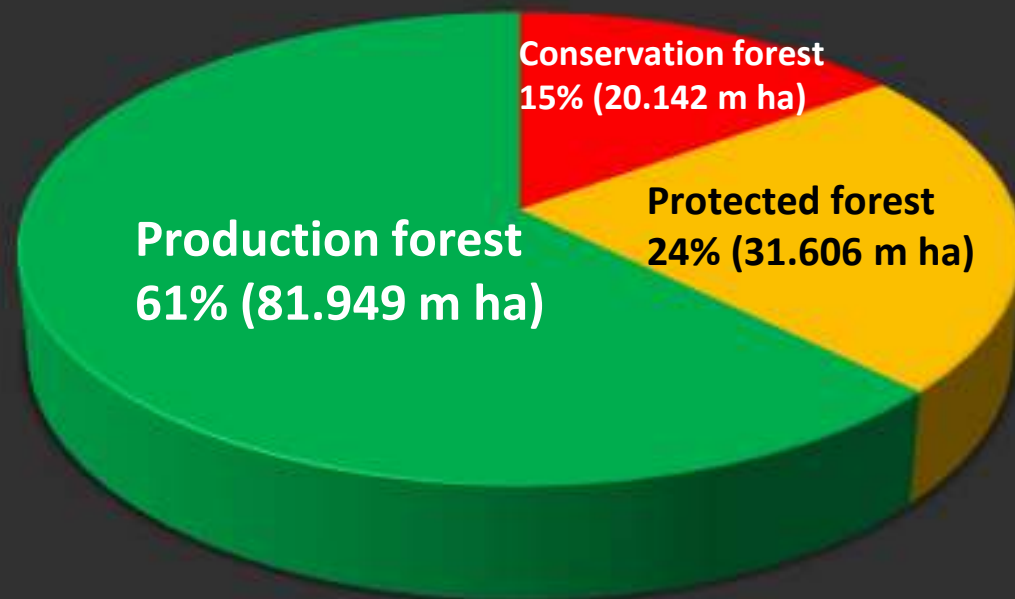
# Outline

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- ▣ **Background**
- ▣ **Policy and legal framework**
- ▣ **Implementation**
- ▣ **Lesson learnt**

# Background

## Indonesia's Forest by functions

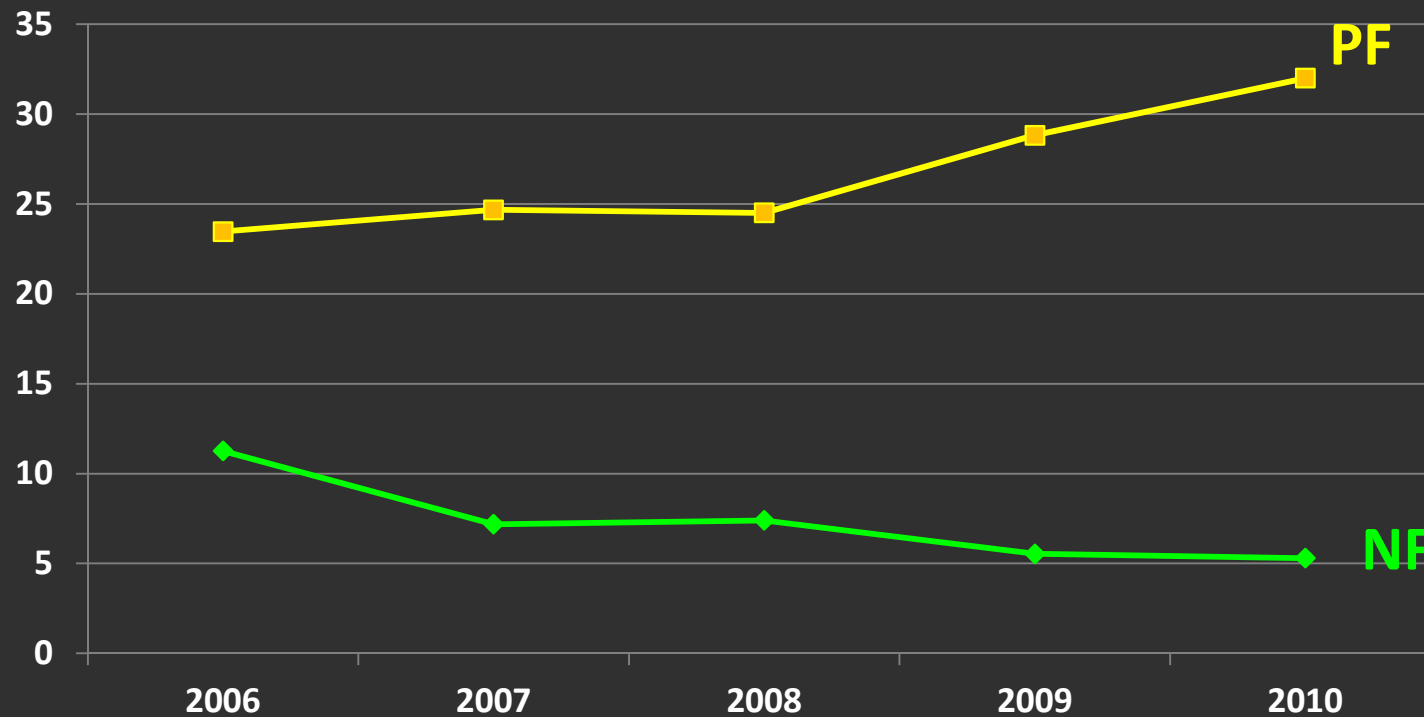


Production forest types:

- Natural forest (including convertible forest)
- Plantation forest (including community and private forest)

## Source of logs for timber industries by production forest types

million m3



**PF (Plantation forest)**

**NF (Natural forest)**

# Policy and legal framework on timber administration and tracking system

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## One of forestry priority policy : revitalization of forest utilization and forest industries

1. P.55/Menhut-II/2006: administration of forest products from state forest
  2. P.51/menhut-II/2006: administration of transportation of timber from private forest
  3. P.38/Menhut-II/2009: performance assessment of forest management and timber legality verification
- ➔ **Objective:** sustainable forest management, good forestry governance, legal assurance, state revenue and optimizing forest products utilization.

# Implementation

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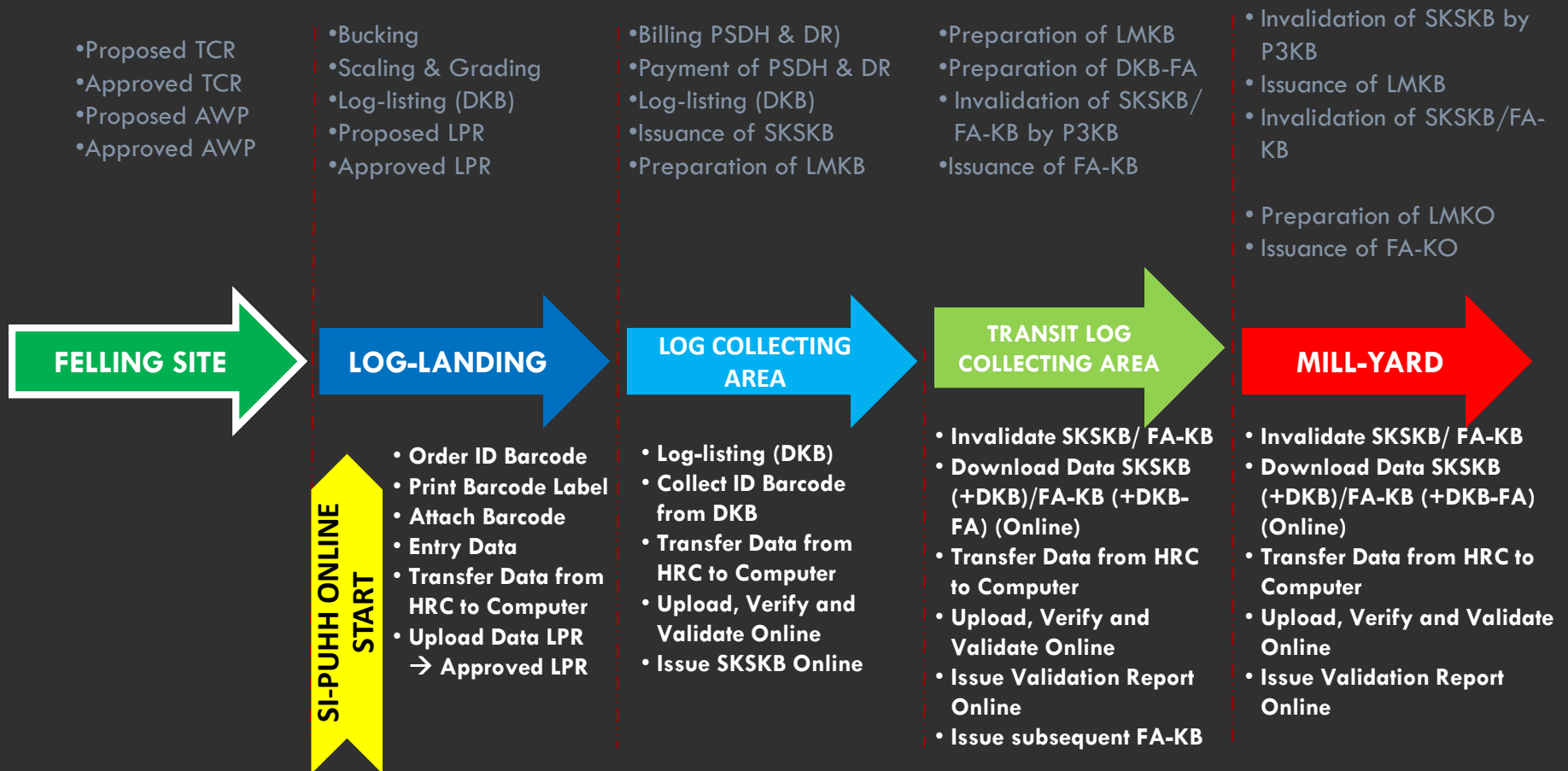
- ▣ Application of online timber administration system (SIPUHH online) to improve transparency, accountability and effective monitoring in timber administration.
- ▣ Linking forest management performance with incentive on timber administration.
- ▣ Developing 2D-barcode timber and raw material tracking system within forest area and timber processing industries.
- ▣ Third party assessment of forest management performance and timber legality verification by accredited verification bodies.
- ▣ Involving independent forest monitoring group on forest management assessment and legality verification
- ▣ Capacity building of personnel and institution involved in timber administration and tracking system, forest management assessment and legality verification

## Some figures

Items	Amount	Remark
FMU using SIPUHH online	70	29 to be applied in 2012
Certified FMU (mandatory scheme)	80	7.407 million ha
Timber industries legally verified	51	59 ongoing , 5 failed
Accredited certification bodies (SFM)	11	ISO 17021
Accredited verification bodies (SVLK)	5	ISO Guide 65
Candidate verification bodies	5	Processing accreditation

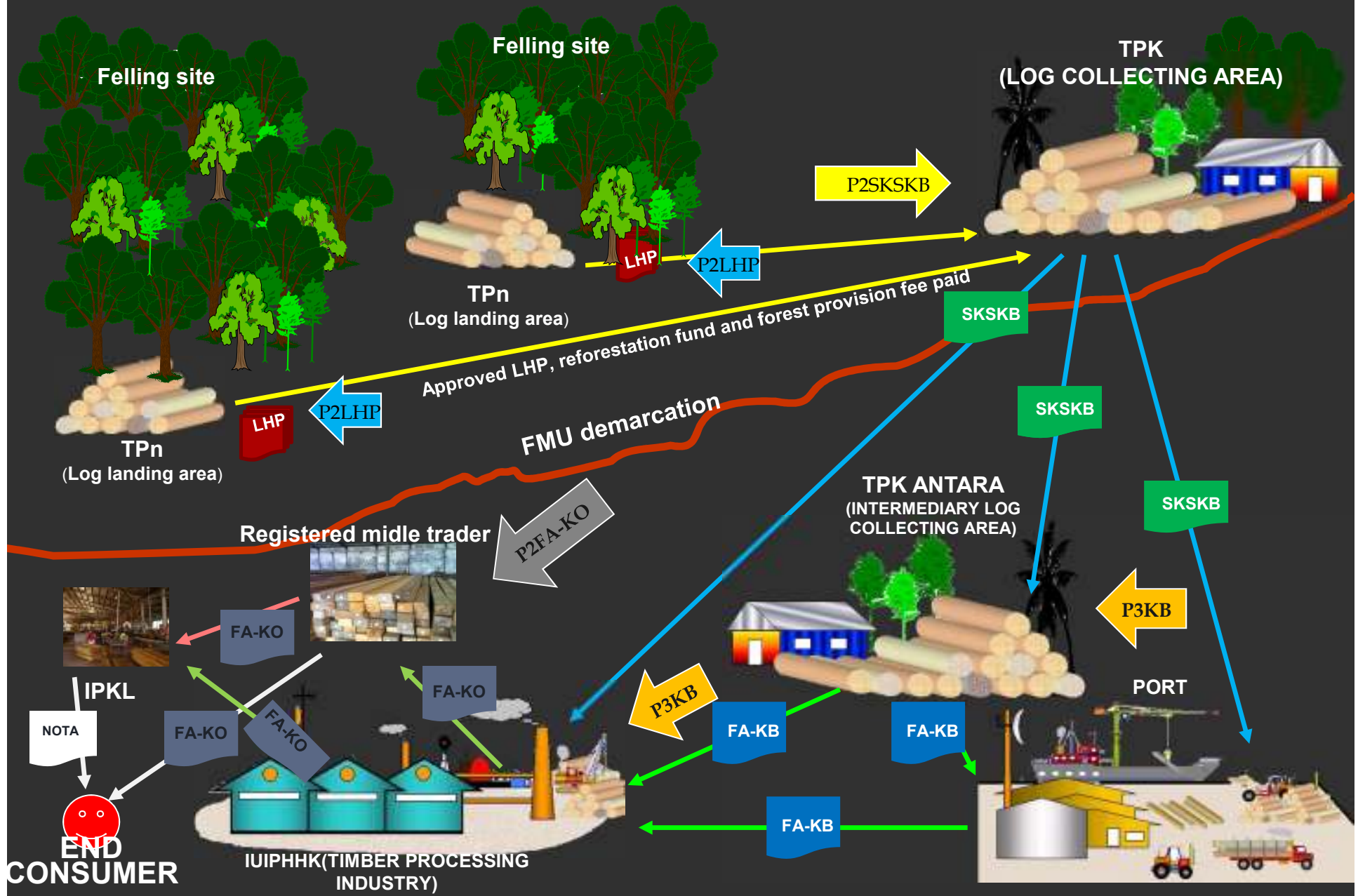
# Timber administration and tracking system

## Supply chain of timber from state forest

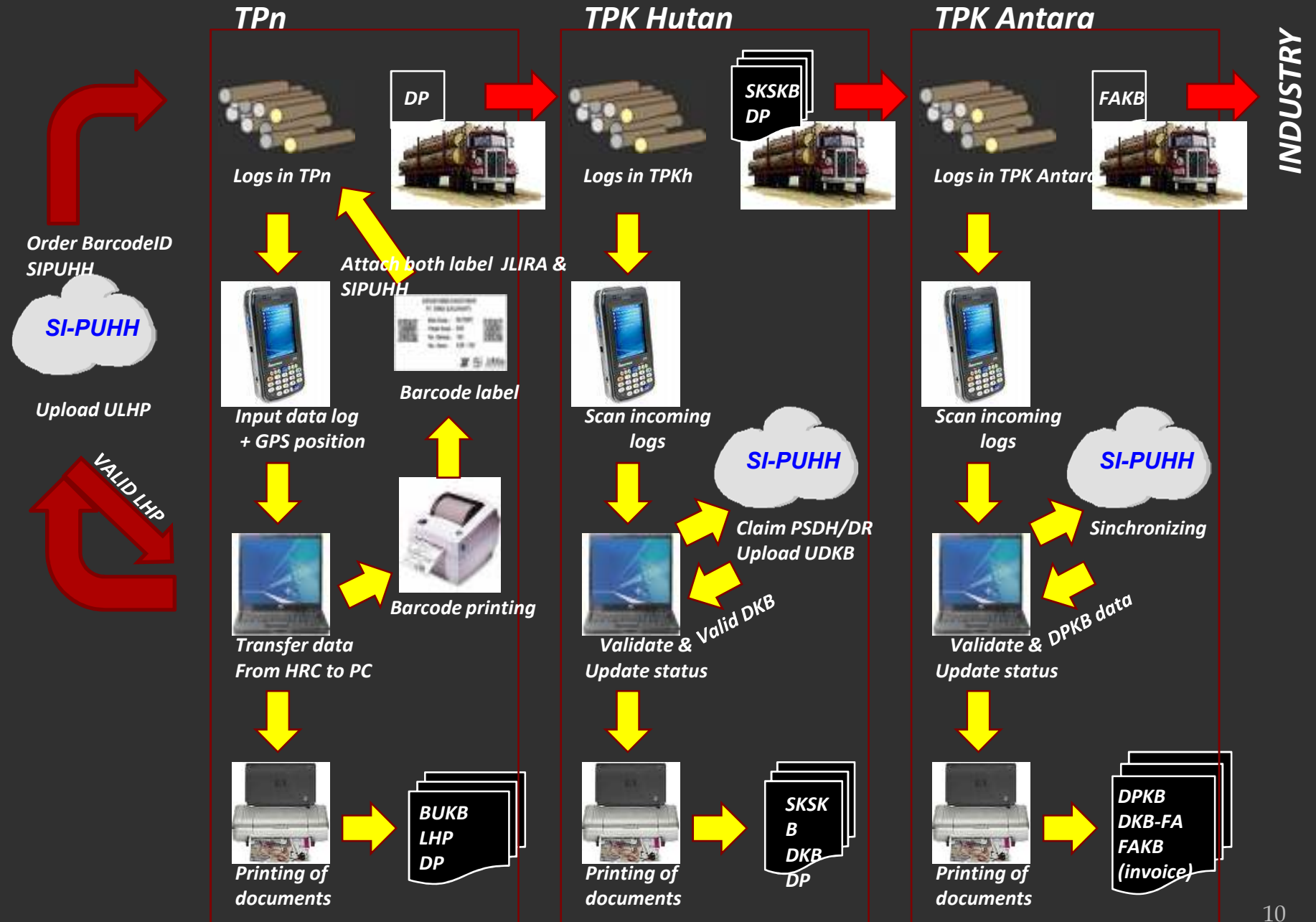




# LOG TRANSPORTATION (state forest)

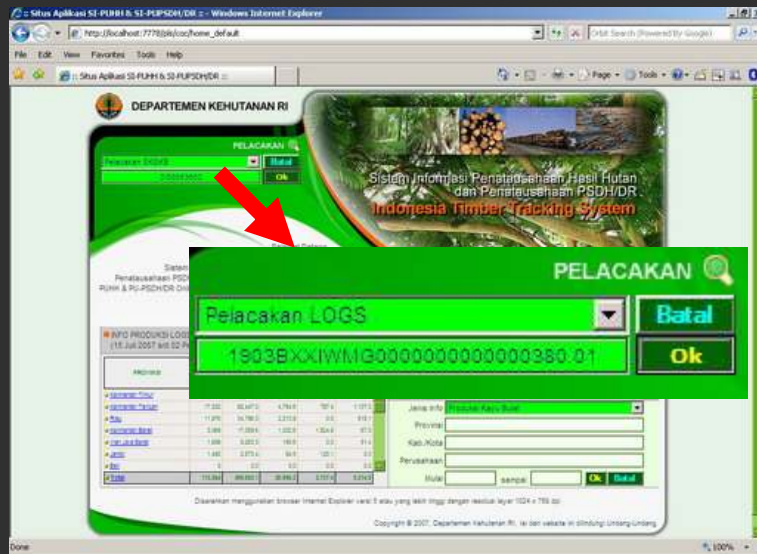


# Online system: field processes



# On line log tracking

<http://puhh.dephut.go.id>



**PELACAKAN ASAL-USUL KAYU BULAT**

**ID BARCODE**  
**1903BXXIWMG000000000000380.01**  
 Jenis : Sempesir  
 Kelompok Jenis : Kayu Indah

**POSISI TERAKHIR**

- » Nama Penerima : PT. SITRACAWOOD MANUFACTURING
- » Alamat Penerima : Jl. Yos Sudarso RT. II No. 36-37, Tarakan
- » Status : **BELUM DITERIMA (DALAM PERJALANAN)**
- » Pengirim : PT. SITRACAWOOD MANUFACTURING
- » Nama : PT. SITRACAWOOD MANUFACTURING
- » Alamat : Jl. Yos Sudarso RT. II No. 36-37, Tarakan
- » Dokumen Angkutan : FAKB - No. Seri 1903PT/IVM.A.004198 - Tgl. 07 Maret 2008
- » Pejabat Penerbit : Muchtar, S.E
- » Reg. 029/19/1903/FA-KB/MUCTKB
- » Moda Angkutan : Darat
- » Alat Angkut : Truk
- » Nomor Polisi / Nomor Lambung : 11N
- » Pengemudi / Nakhoda : Mustopa
- » Lokasi Muat : Tpk Km 36 - Kilometer 36 Kabupaten Bulungan, Provinsi Kalimantan Timur

**TPK ANTARA / TPK TRANSIT / TEMPAT PENAMPUNGAN**

- » Nama : PT. SITRACAWOOD MANUFACTURING
- » Alamat : Jl. Yos Sudarso RT. II No. 36-37, Tarakan
- » Lokasi Bongkar : Tpk Km 36, Kilometer 36 Kabupaten Bulungan, Provinsi Kalimantan Timur
- » Diterima oleh Pemik : -
- » Tanggal : 08 Maret 2008
- » Nama : M. Tahir
- » Jabatan : Pelaksana
- » Diterima oleh Petugas Kehutanan : -
- » Tanggal : 08 Maret 2008
- » Nama : Gat Ridwansyah
- » Register/KIP : 008/19/1903/IVM/GST/PTPKB
- » Pengirim : PT. SITRACAWOOD MANUFACTURING
- » Nama : PT. SITRACAWOOD MANUFACTURING
- » Alamat : Jl. Yos Sudarso RT. II No. 36-37, Tarakan
- » Dokumen Angkutan : SKSKB - No. Seri DG0063862 - Tgl. 08 Maret 2008
- » Pejabat Penerbit : Fransyah Asriwah
- » Reg. 023/19/1903/IVM/GASWP2SKSKB
- » Moda Angkutan : Darat
- » Alat Angkut : Truk
- » Nomor Polisi / Nomor Lambung : -
- » Pengemudi / Nakhoda : Sunarto
- » Lokasi Muat : Tpk 36 - Km.36 Selanyut Kabupaten Bulungan, Provinsi Kalimantan Timur

**TPK HUTAN, TPN DAN ASAL TEBANGAN/PRODUKSI**

- » Nama : PT. SITRACAWOOD MANUFACTURING
- » Alamat : Jl. Yos Sudarso RT. II No. 36-37, Tarakan
- » TPK Hutan : Tpk 36, Km.36 Selanyut Kabupaten Bulungan, Provinsi Kalimantan Timur
- » Tempat Pengumpulan (TPN) : Tpn Hutan, Selanyut Kabupaten Bulungan, Provinsi Kalimantan Timur
- » Asal Produk : -
- » Tahun RKT : 2008
- » Nomor LHP-KB : 05A
- » Tanggal LHP-KB : 20 Februari 2008
- » Pembuat LHP-KB : Ahmad Sals
- » Reg. 019/19/1903/AHM/IVM-HA/KB
- » Blok Tebang : 2008
- » Petak Tebang : 3748
- » Nomor Pohon : Nomor 1964A
- » ID Barcode : 1903BXXIWMG000000000000380

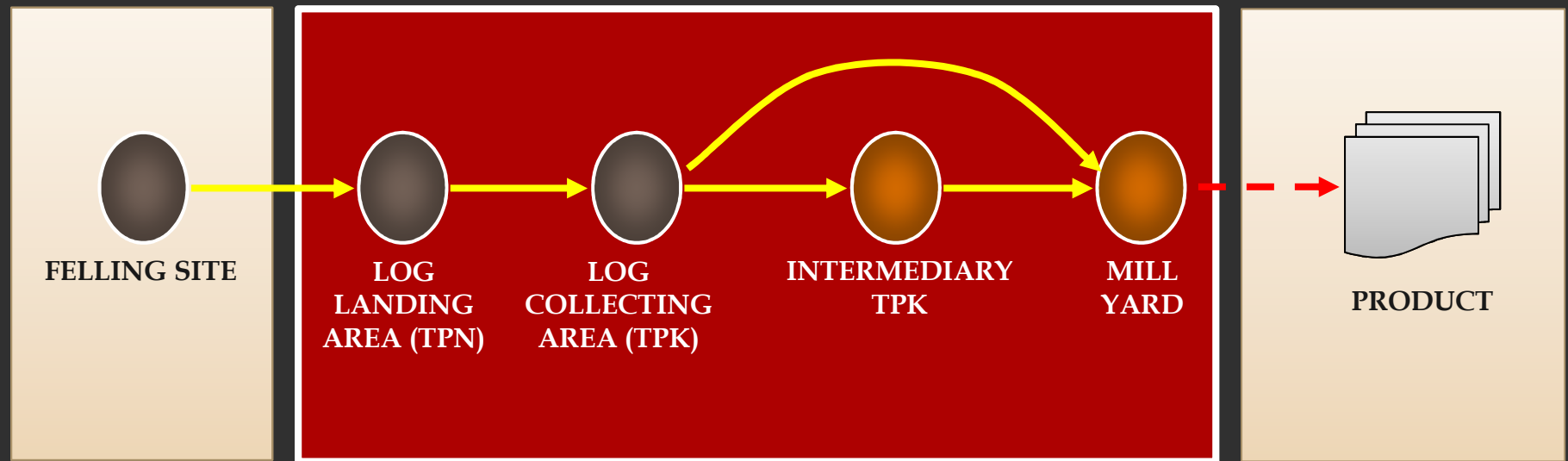
Keluar

# Parties involved





## Integration online and offline system



JLIRA-LEI



SIPUHH on line

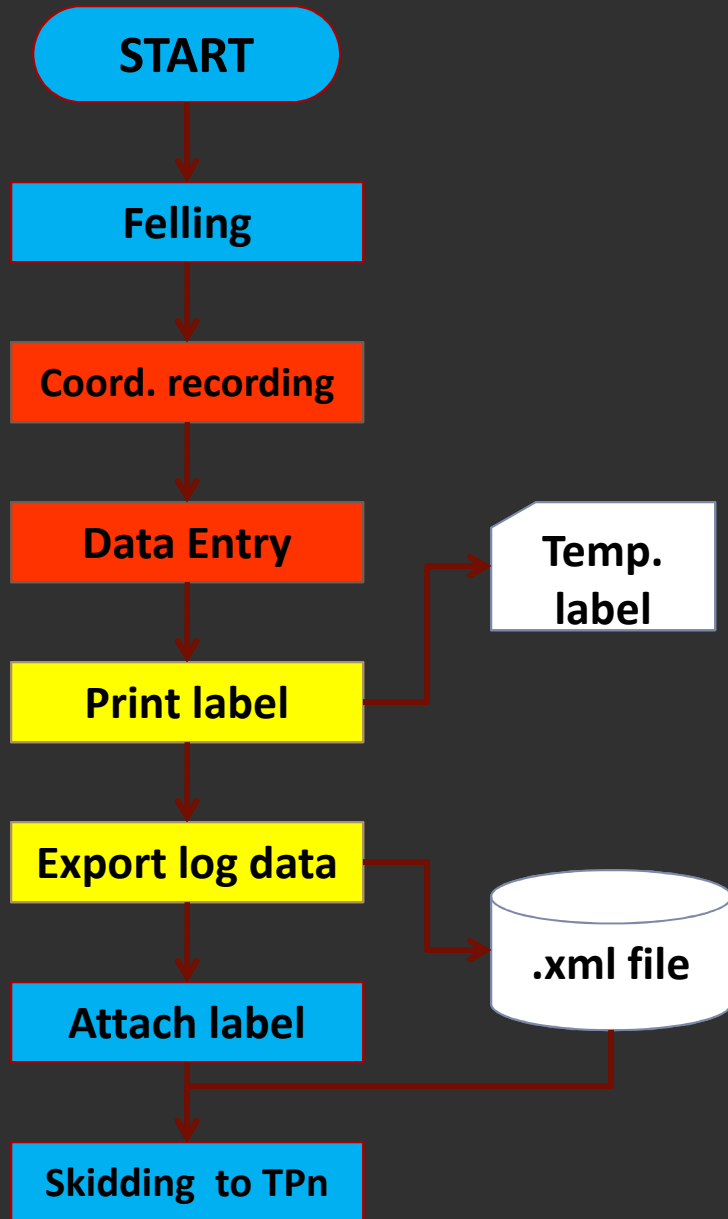


JLIRA-LEI



**JLIRA-LEI OFF LINE SYSTEM**





## Offline system: processes at felling Site



Input data (tree number, spec., coordinate)

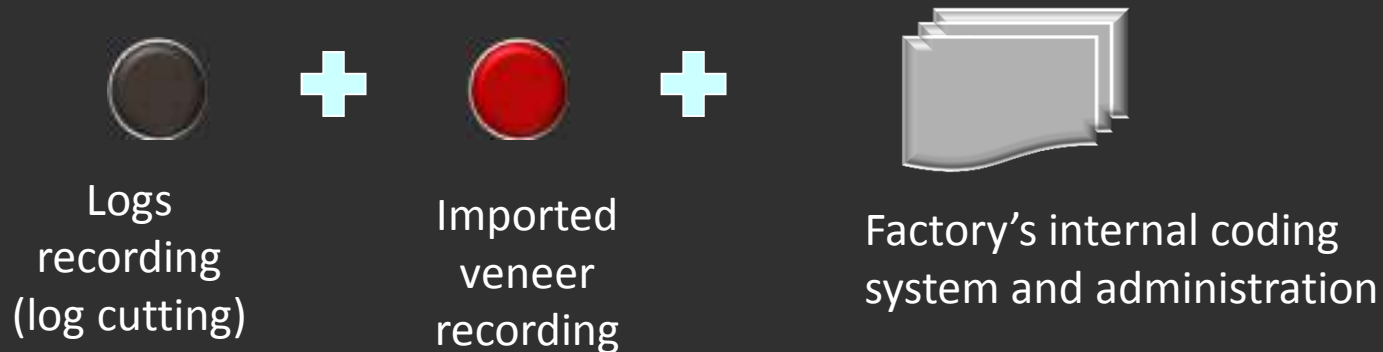


Legend :

- |  |   |
|--|---|
|  Manual operation      |  MT/Handheld operation   |
|  PC/Notebook operation |  Result of the operation |

## Offline system: processes in the mill

### Elements of traceability system in the mill



### Raw materials tracking method



## On product label

### PT. KAYU LAPIS INDONESIA

This product comes from traceable origin of raw materials, please scan this QR code to view the detail information and visit <http://puhh.dephut.net> (PUHH Online)



MO.Nr. 10.07.M0.0798 | Crate.Nr. WH10039090

:: Scan Label
pk

**Factory License :**  
 SK.73/MENHUT-VI/2006

**Factory Location :**  
<http://wikimapia.org/#lat=-6.9308333&lon=110.3027778&z=16&l=0&m=b>

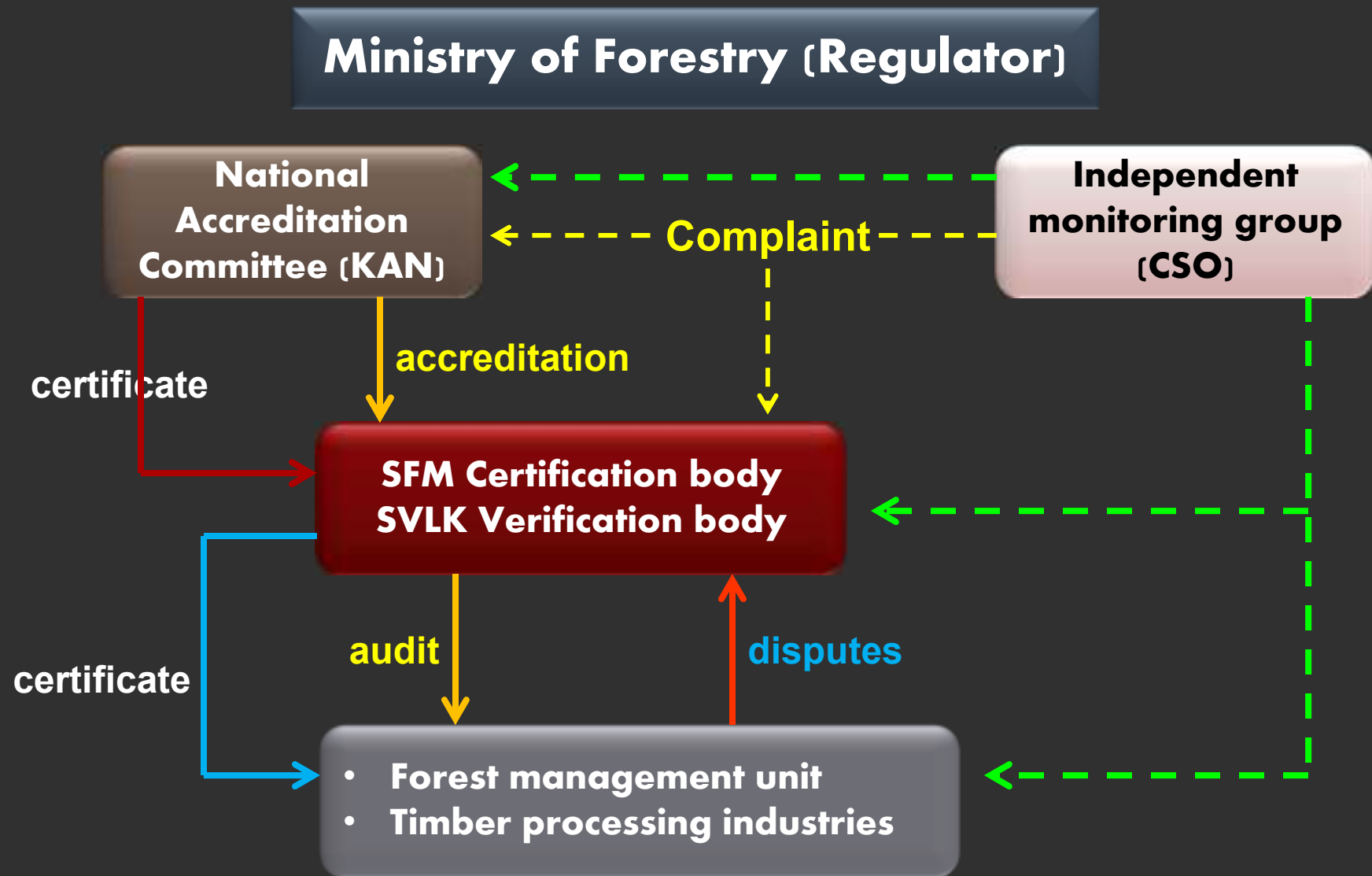
**TLAS CERTIFICATION**  
**CoC :**  
 BM TRADA TT-COC-002536

**VLK :**  
 VLK 00099

**Source and Origin :**  
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 335.02+1704AXXSPKT00000000000029336.0  
 1+1704AXXSPKT00000000000029336.02+17  
 04AXXSPKT00000000000029354.02+1704AX  
 XSPKT00000000000029360+1704AXXSPKT00  
 000000000029364+1704AXXSPKT0000000000  
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 Java][LogCommForest=SGBN171442][SrcLo  
 calVeneer=231;Central Java]



# Timber legality verification scheme



# Lesson learnt

## **Benefit from application of those above system**

- ▣ Forest management unit/industry:
  1. Accelerating timber administration handling process
  2. Improving control and efficiency of logs/timber utilization
  3. Improving branding image as the products has been legally verified
  
- ▣ Government:
  1. Effective control on logs transportation and administration including its associated taxes
  2. Ensuring that Indonesian exported wood products comes from traceable legally/SFM sources
  3. Improving forest governance in order to combat illegal logging and trade of illegally logs and timber products
  4. Facilitating public participation in monitoring logs and timber products administration

....continued

▣ Consumers:

1. Obtain the assurance that the purchased wood products comes from traceable legally/sustainably managed forest
2. Demonstrating concern to support SFM by purchasing legal/SFM verified wood products
3. Demonstrating concern to support climate change actions in reducing degraded forest caused by illegal logging

# Challenges

- ▣ Development and application of the system for other forest management types: plantation forest and community forest
- ▣ Development and application of the system for other wood processing industries
- ▣ Improving capacity of the parties involved in the implementation of the IT-based system
- ▣ Strengthening coordination with other sectors related to timber legality and sustainable forest management

Thank you