

Timber Traceability Systems

Forest Legality Week

**Ghana Wood
Tracking System**

**Richard Gyimah
(GFC)**

**Forest Inspector
Romania**

**Bogdan Micu
(Code4Nature)**

SIRMA Honduras

**Manuel Muñoz
(ICF)**

PML Mexico State

**Taryn Sanchez
(Reforestamos
Mexico)**

MCSNIFFS Peru

**Alonso Rizo-
Patrón Mailhe
(SERFOR)**



Why Timber Traceability Systems?

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Timber Traceability Systems

Supply Side Benefits - “Resource and Sector Monitoring Tool”

- Formalize the sector
- Improve revenue collection
- Enforce forest regulation and monitor compliance
- Reduce illegal logging
- Promote good forest and business management
- Provide detailed timber trade information
- Gain access to regulated markets

Demand Side Benefits – “Due Diligence and Risk Management Tool”

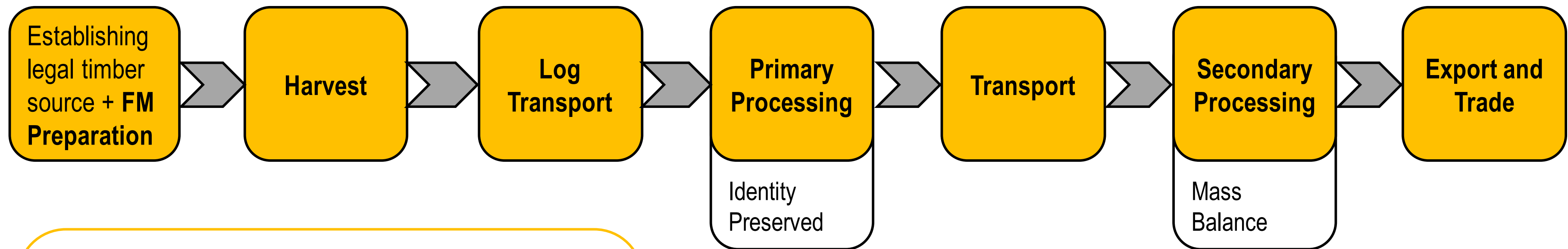
- Provide a source of information for buyers and officials in importing countries
- Facilitate differentiated risk assessments
- Facilitate risk mitigation activities
- Provide detailed timber trade information

- **Exchange with relevant stakeholders from private and public sector, civil society and certification (Guatemala Workshop 2016)**
- **Series of country case studies, including civil society and private sector initiatives (Guatemala, Peru, Brazil)**
- **Focus on performance, user friendliness, cost and fraud prevention**
- **Special focus on the role of advanced technologies (Data Management, Markers, Methods of data collection and reporting, Remote Sensing, GPS tracking, Forensic Wood ID...)**

Ghana Wood Tracking System

Richard Gyimah, Chief Manager-Verification & Field Audit, Forestry Commission

Timber Utilization Contracts, Plantations (Public/Private & Public-Private), Authorized Land Use Conversion in the whole country of Ghana, Imported timber and confiscated timber



Data Collection, Data Management

- Web-based application with a central database
- Data entry by public officials via laptops and mobile devices
- Automatic metric data reconciliation when entry devices connect to the internet. Inconsistencies are flagged „red“
- The GWTS interface with Financial system of FC

Cost and Financing

- ~\$5mio. for contractor (Ata Marie Group)
- ~\$2mio. Operational/capacity building
- 90% financing by EU via DFID

State of Implementation

- Roll out for export oriented supply chains
- **Test shipment to Germany carried out**
- Domestic market under development

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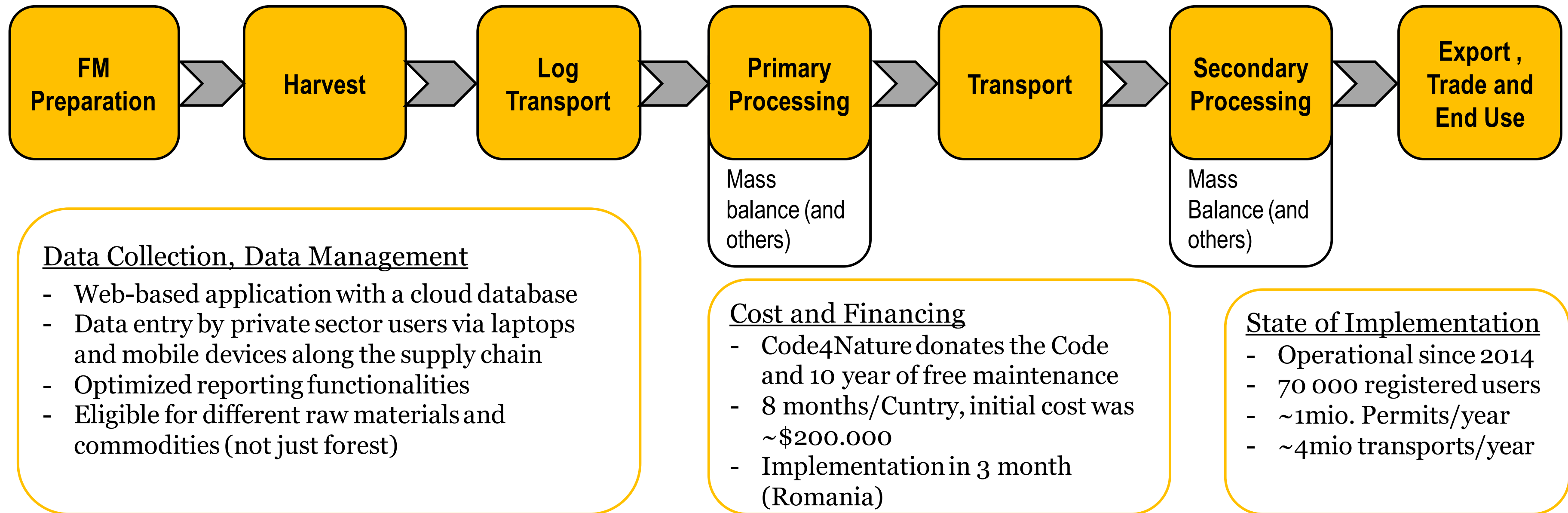
Forest Inspector

Bogdan Micu, Code4Nature(NGO), System Owner: Government of Romania

Concessions, Private Permits, Plantations and Authorized Land Use Conversion in the whole country of Romania

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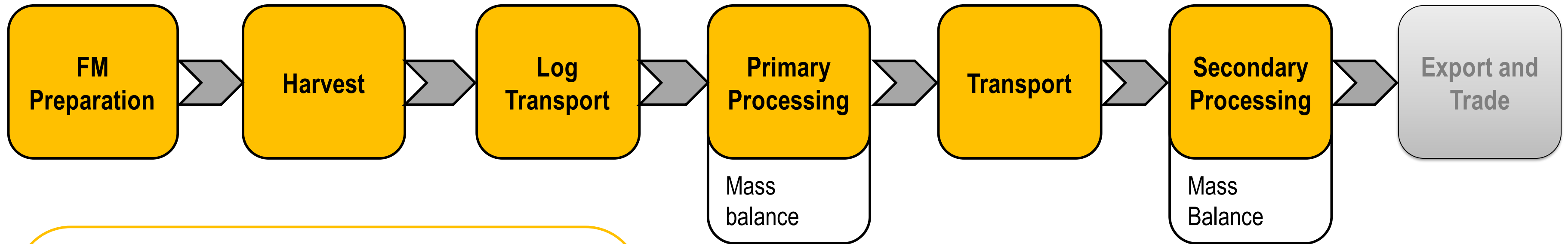
SIRMA

Manuel Munoz, ICF IT consultant, System Owner: National Institute for Forest Conservation and Development, Protected Areas and Wildlife of Honduras (ICF)

Concessions, Private Permits, Plantations and Authorized Land Use Conversion in the whole country of Honduras

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Data Collection, Data Management

- Web-based application with a central database
- Data entry by private sector users and public officials via laptops along the supply chain
- Integration with other databases (e.g. national forest inventory) planned

Cost and Financing

- \$300k for digitizing existing B2A reporting
- Partly donor funded, operational cost covered with harvest and transporting fees
- Further investments needed for modifications

State of Implementation

- Operational but under review
- Further development linked to VPA process



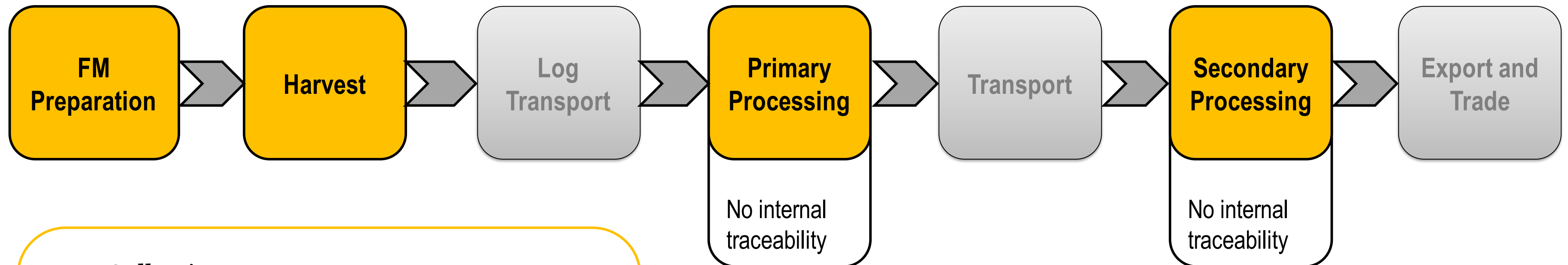
PML – Legal Wood System

Taryn Sanchez, Reforestamos Mexico(NGO), System Owner: Government of Mexico State together with Reforestamos Mexico

Private Permits in the state of Mexico

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Data Collection, Data Management

- PML is a spatial platform, linked to the state agency`s registry of forest enterprises and processors (SIFEM)
- It shows the location of registered actors and provides additional information on them
- Data, entered by state officials is made accessible to civil society for validation

Cost and Financing

- ~\$63k for developing the PLM and modifying the SIFEM
- Donor funded project

State of Implementation

- In design



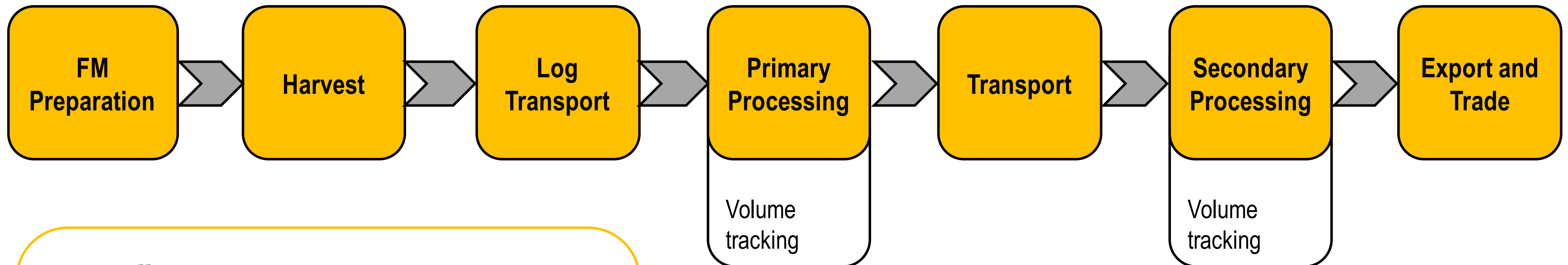
MCSNIFFS

Alonso Rizo-Patrón Mailhe, Director, Office of Promotion and Competitiveness, SERFOR (Peruvian National Forest and Wildlife Service)

Concessions, Private Permits and Authorized Land Use Conversion in the whole country of Peru (timber, NTFP, wildlife)

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Data Collection, Data Management

- Web-based application in a cloud environment
- Data entry by private sector users and public officials via workstations along the supply chain
- Several automatic alerts for volumes stated in permits, verification reports are uploaded to the system, track records of all users, alerts for unrealistic transport routes

Cost and Financing

- ~\$4mio software development
- \$8mio sector mapping, design, capacitation
- Long term financing via public budget of SERFOR/Regional Authorities

State of Implementation

- Roll out started in 2017
- Currently ~6 registered users
- ~200 permits (all new permits need to register)