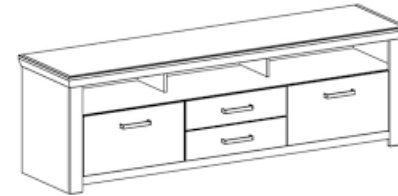
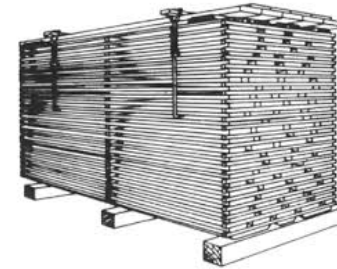


# Traceability Systems

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## Forest Legality Week

Timber Traceability Systems



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- Explorative work, learning from civil society, private sector and public sector
- Observing design, implementation and operation with focus on user friendliness, cost, functionality and fraud prevention
- Focus on the role of technology (Data Management, Markers, Methods of data collection and reporting, Remote Sensing, GPS tracking, Forensic Wood ID...)
- **Series of country case studies**, *“Timber Traceability: A Management Tool for Governments. Case Studies from Latin America”* **FAO/WRI 2022**
- **Upcoming framework publication: “Timber Traceability: A Practical Framework for Government-Owned Traceability Systems”**



# WRI-FLI Traceability Work since 2015

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## Forest Legality Week

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Timber Traceability Systems



**Brazil**  
Colombia  
Ecuador  
**Guatemala**  
Honduras  
Panama  
**Peru**



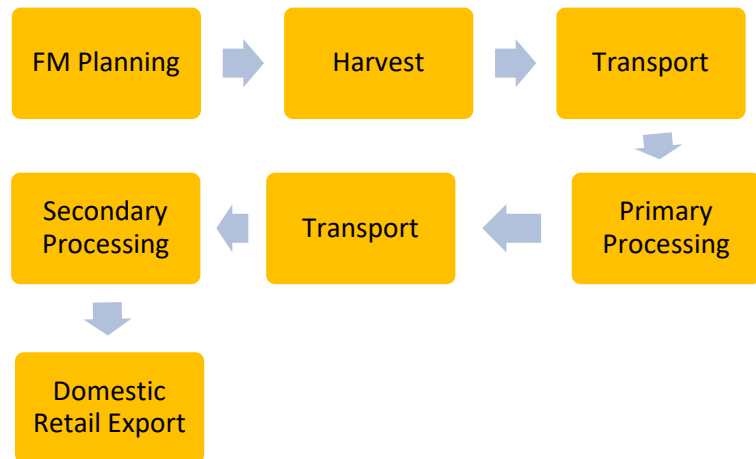
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# Results:

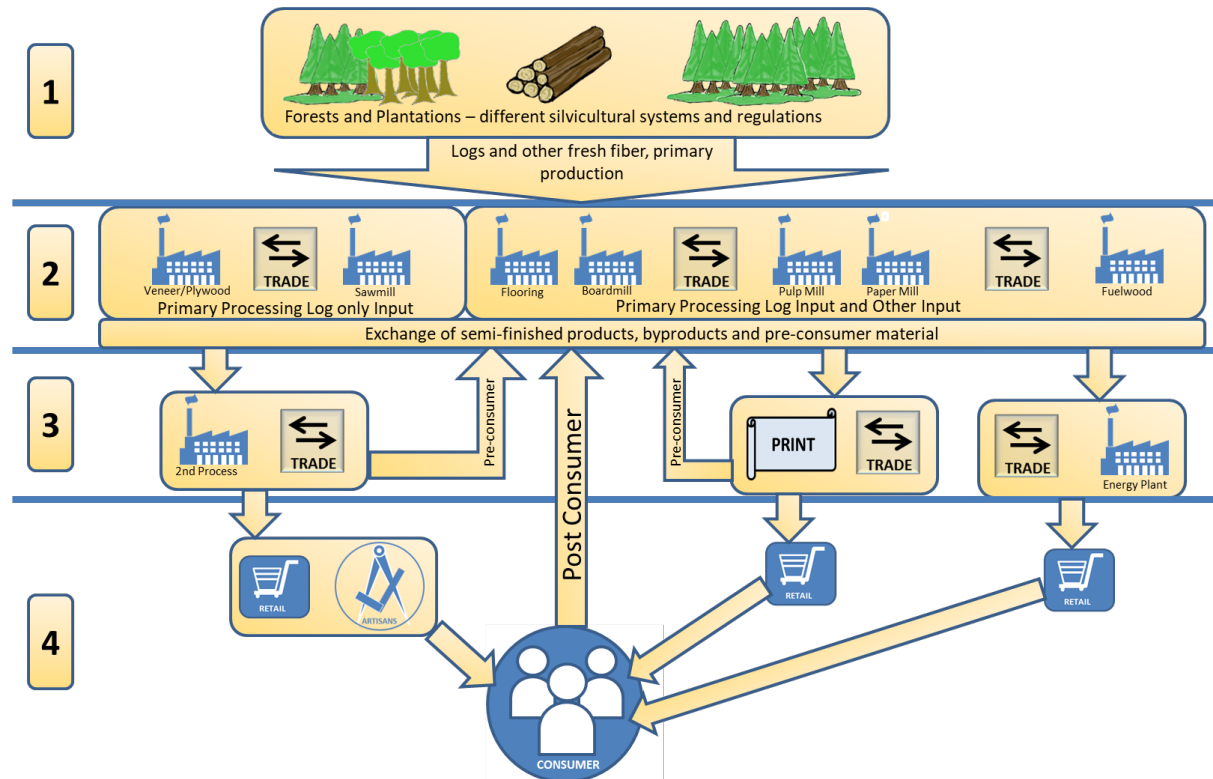
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## From Chain Thinking...



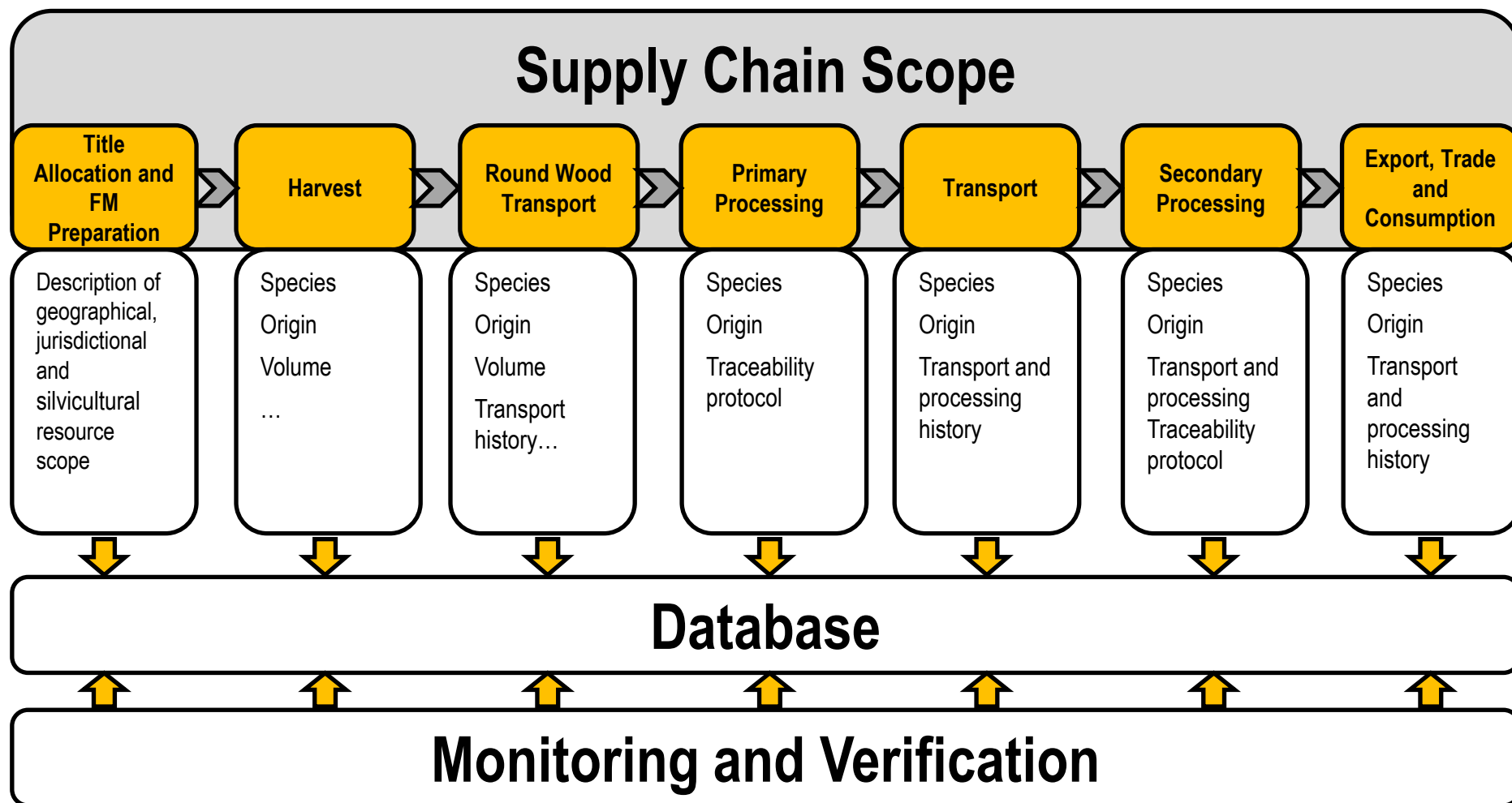
## ... to Network Thinking



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## Results:

## Generic Traceability System Design



## Results:

# Forest Legality Week

Timber Traceability Systems

## Context Analysis and Stakeholder Mapping

Governments	Private Sector	Civil Society and other
<ol style="list-style-type: none"><li>1. National forest authority</li><li>2. Sub-national forest authority</li><li>3. Transportation, processing, and trade authority</li><li>4. Law enforcement</li><li>5. Tax and revenue authority</li><li>6. Protected areas authority</li><li>7. CITES Authority</li><li>8. Customs authority</li></ol>	<ol style="list-style-type: none"><li>1. Title holders</li><li>2. Forest Management Unit operators</li><li>3. Loggers</li><li>4. Primary processors</li><li>5. Transporters</li><li>6. Secondary processors</li><li>7. Exporters</li><li>8. Forest management specialists</li><li>9. Technical service providers</li><li>10. Industry associations</li><li>11. Traders and logistics industry</li><li>12. Chain Of Custody certification bodies</li><li>13. Consumers/Retailers</li></ol>	<ol style="list-style-type: none"><li>1. Environmental NGOs (national and international)</li><li>2. Forest management and Chain of Custody certification schemes</li><li>3. Academia</li><li>4. Donor organizations</li><li>5. Consumers</li></ol>



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## Design, Implementation and Operation Framework

Phase	Sub-phase	Considerations related to
Planning	Initial Considerations	Defining objectives, benefits, and indicators
		Financing
		Stakeholder and capacity mapping
		Legal requirements
	Scope	Geography and jurisdiction
		Forest resources
		Supply chain network
		System boundaries
	Design and Development	Building a new system vs. adapting an existing system
		Ownership and data sovereignty
		Scope of information
		Data collection and reporting
		Data analysis
Implementation		Blocking processes
		Monitoring and verification
		Priorities for roll out
		Target forest resources for implementation
		Target supply chain priorities for implementation
		Priority functionalities for implementation
Upkeep		Securing buy-in from private sector for the implementation
		Alternative implementation strategies
		Strategy review
		Performance tracking
		Alignment of allocated resources with goals
		Internal audit
		External audits



People are (still) smarter than systems but there are improvements.

Traceability systems are no tool to address root causes of illegal logging.

Where systems are used as intended, they can facilitate the identification and even prevention of illegal logging.





## Outlook:

- Measure performance, effect and impact of traceability systems
- Exchange with other sectors in the light of upcoming regulations and globally increased “supply chain awareness”?
- Increased need for transnational systems due to increased traceability requirements in new regulations?

Thank you!

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