

# Miombo Forestry Products

**Timber Value Chains**

# FOCUS

- **Natural Forests**
- **Namibian Hardwoods**
- **Common Species with timber value in Namibia**
- **Pictures are Angolan timber**

# Trees

## WHAT DO WE GET FROM ECOSYSTEMS?

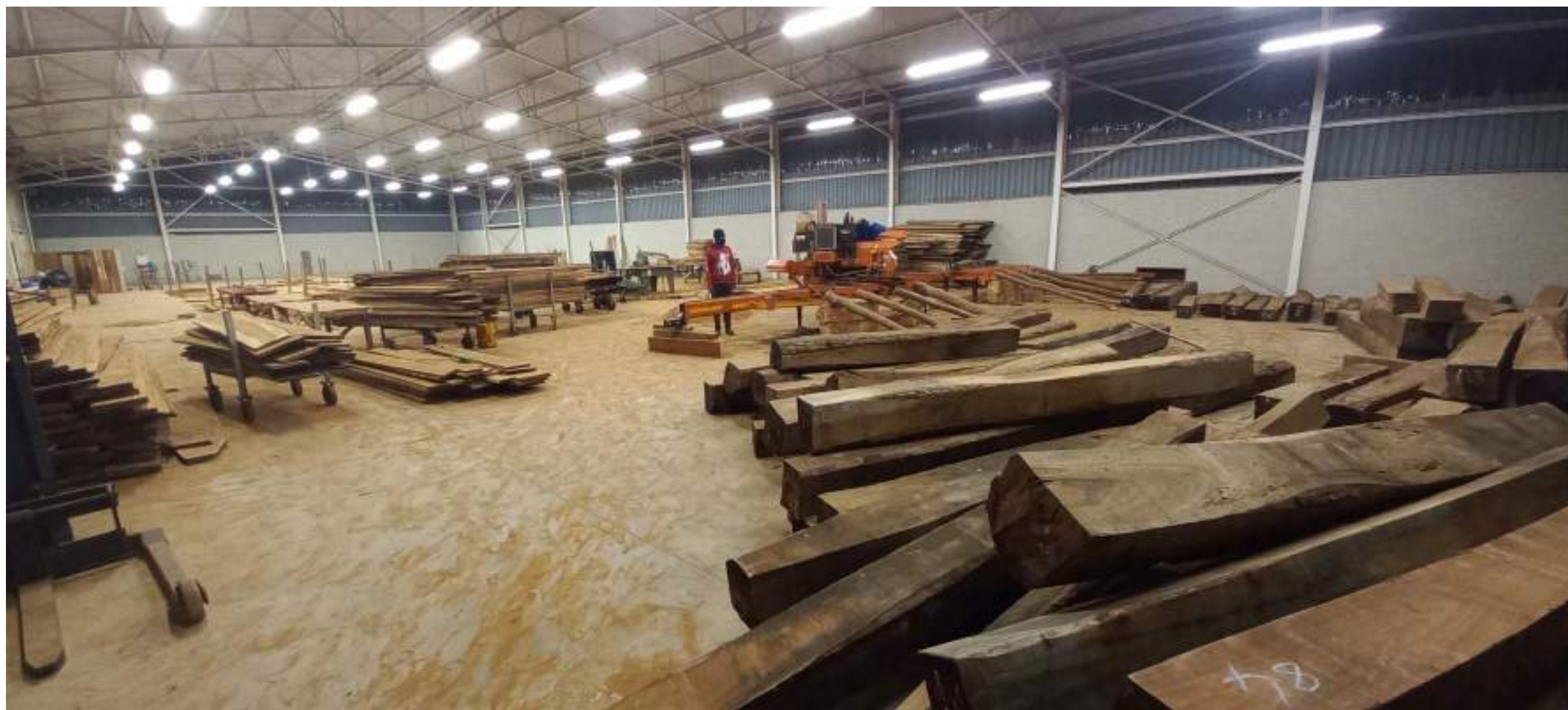


# Miombo

- Sawmilling - timber processor - producer
- Phases 1 – 3 (Solid wood products to engineered products)
- Origin story : 2017 to start Industry
- Reach carbon neutrality,
- Rejected 6 times by banks both DFI & Commercial,
- Finally, Grant by UNDP & EIF
- Needs concessions,
- <http://miombo.africa/>

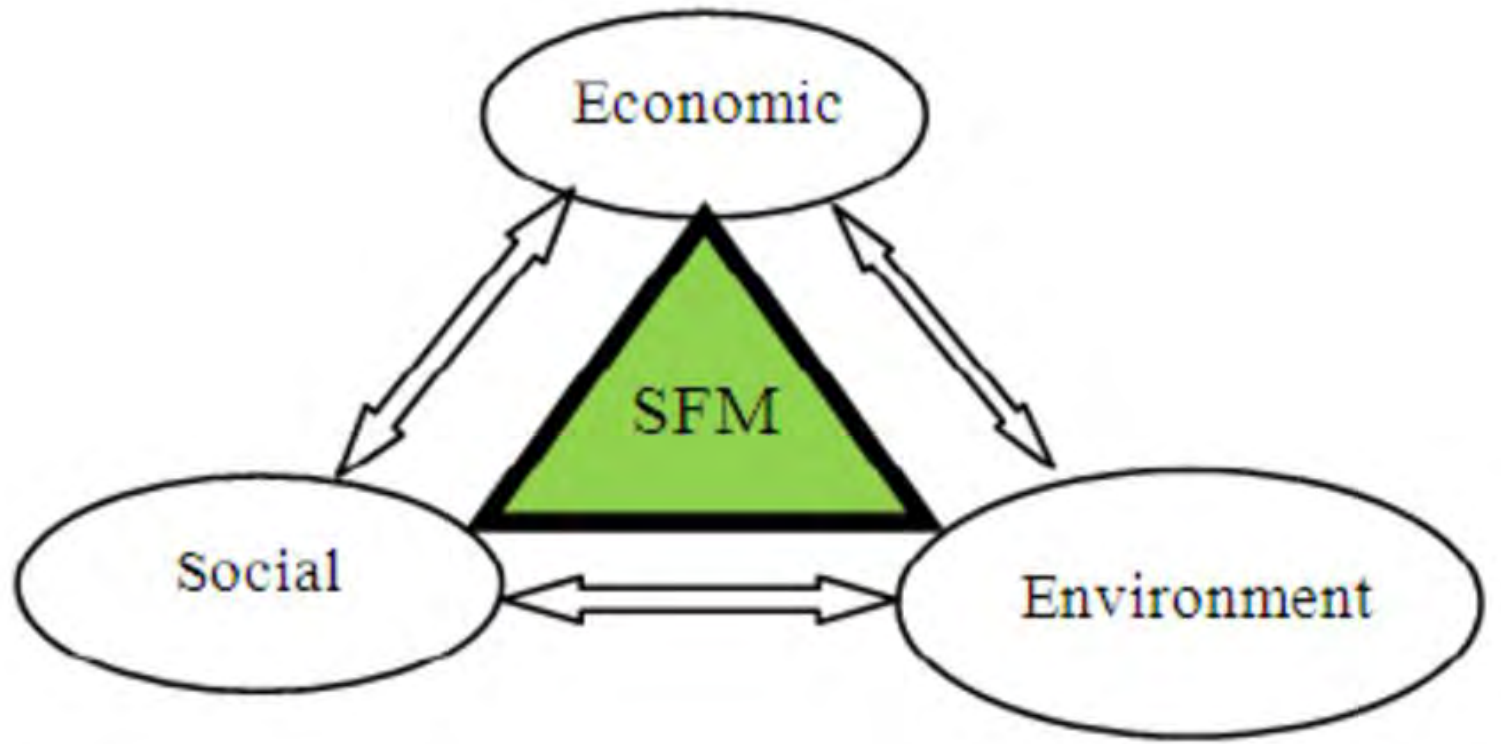












**FOREST**

**ENVIRONMENTAL**

**SUSTAINABLE**

**SOCIAL**

**Why ?  
Procurement laws  
not enforced!**

**ECONOMIC**

**MANAGEMENT**

# Industry ?

- **Harvesting Moratorium**
- **No Association (E.g. Charcoal Association)**
- **Private Investment in Forestry (Banks loans into the activities ?)**
- **No tenure**
- **Forest Management Contracts or Registered partnerships with Forestry**
- **Forest legislation not clear about management**
- **Chain of Custody**

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**Timber Chain in Namibia remain  
informal & fragmented**

Why ?

- Nam Carpenters – imported timber (American/European)
- No drying facilities
- Informal activities – no equipment, infrastructure
- **Speak to Architects & interior designers !!!**





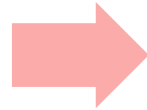






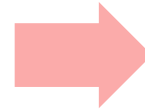
## Upstream

- Silviculture
- Forestation
- Carbon Markets



## Midstream

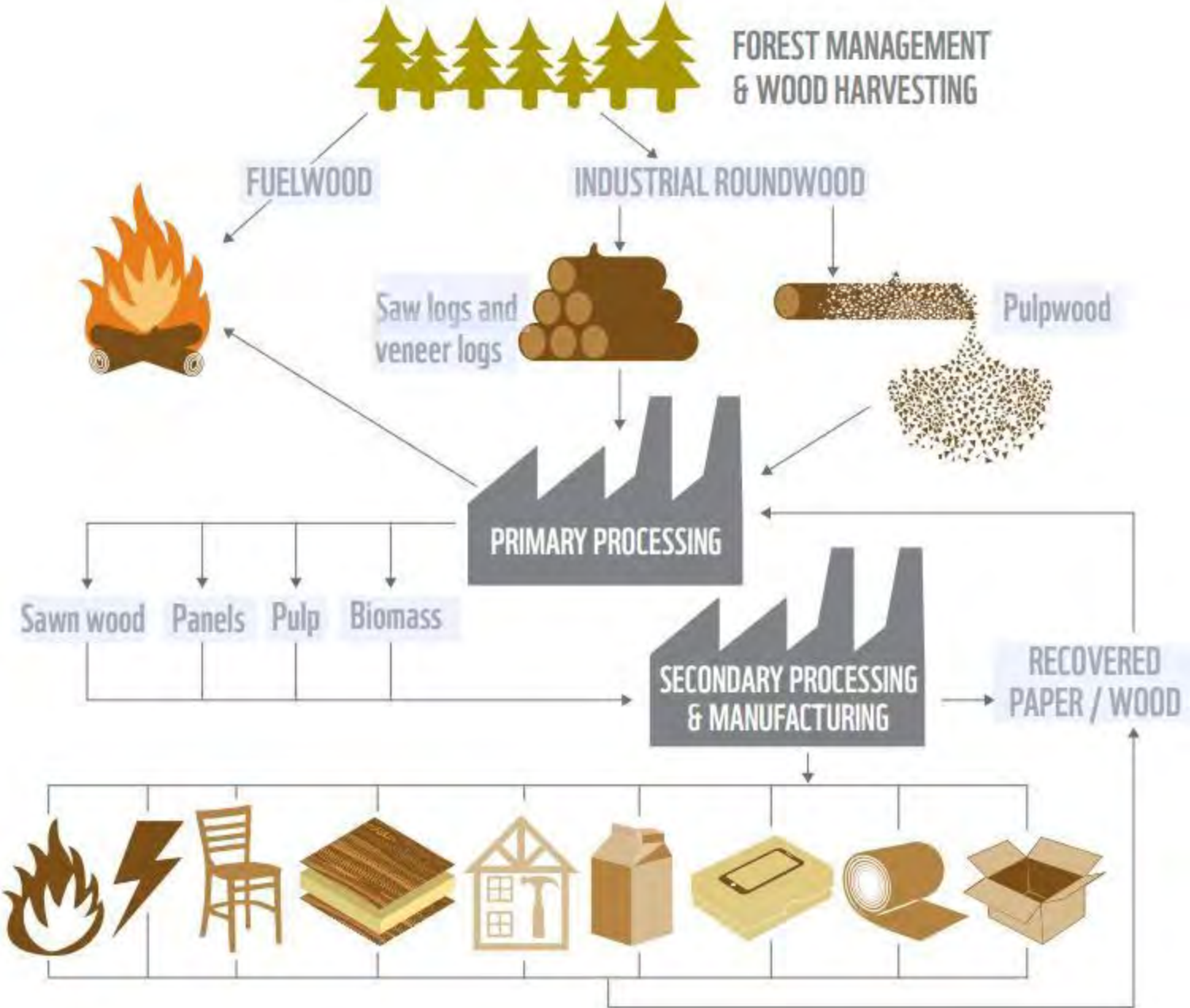
- Sawmilling
- Drying
- Primary Processing



## Downstream

- Carpentry
- Laminations
- Engineering
- Secondary Processing

# The forest products value chain



**Plain-Sawn**

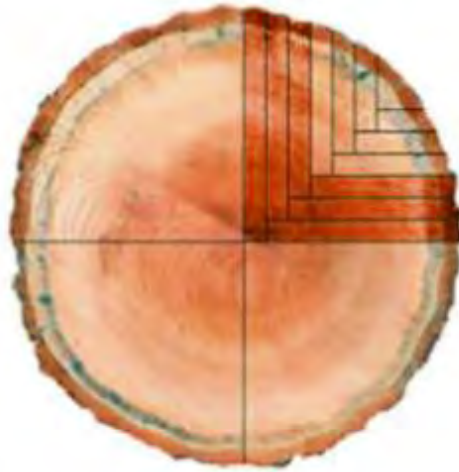


**Quarter-Sawn**

Plain Sawn



Quarter Sawn



Rift Sawn



Live Sawn



Plain Sawn



Quarter Sawn



Rift Sawn



Live Sawn



SOLID WOOD PLANK

ENGINEERED WOOD PLANK

One Solid Piece of Wood



Several Thin Plies glued together



LAMINATE

SOLID

ENGINEERED









