



# **BAMBOO : LOGISTICS HUB**

**“Bamboo Plantation, Hardening & Bamboo as  
Earthquake Proof Materials for Construction”**

**Classic Grande, Imphal, Manipur, India  
7-8 Nov, 2022**

**SAMIR JAMATIA**

**Bamboo Technologist**

**+919436496101**

**[jamatia.samir13@gmail.com](mailto:jamatia.samir13@gmail.com)**

# “BAMBOO”?????

## Why bamboo love ?

\*I know, this question is very difficult for Bamboo sector in India.

## Why bamboo Logistics ?

- Increasing global demand for sustainable products
- To contribute to understanding environmental and socio economic impacts of bamboo

# Bamboo vs Social

Bamboo (Birth + Marriage + Death) = life

**B**

- Bland

**A**

- Agreement

**M**

- **Market**

**B**

- Brow

**O**

- Order

**O**

- Over

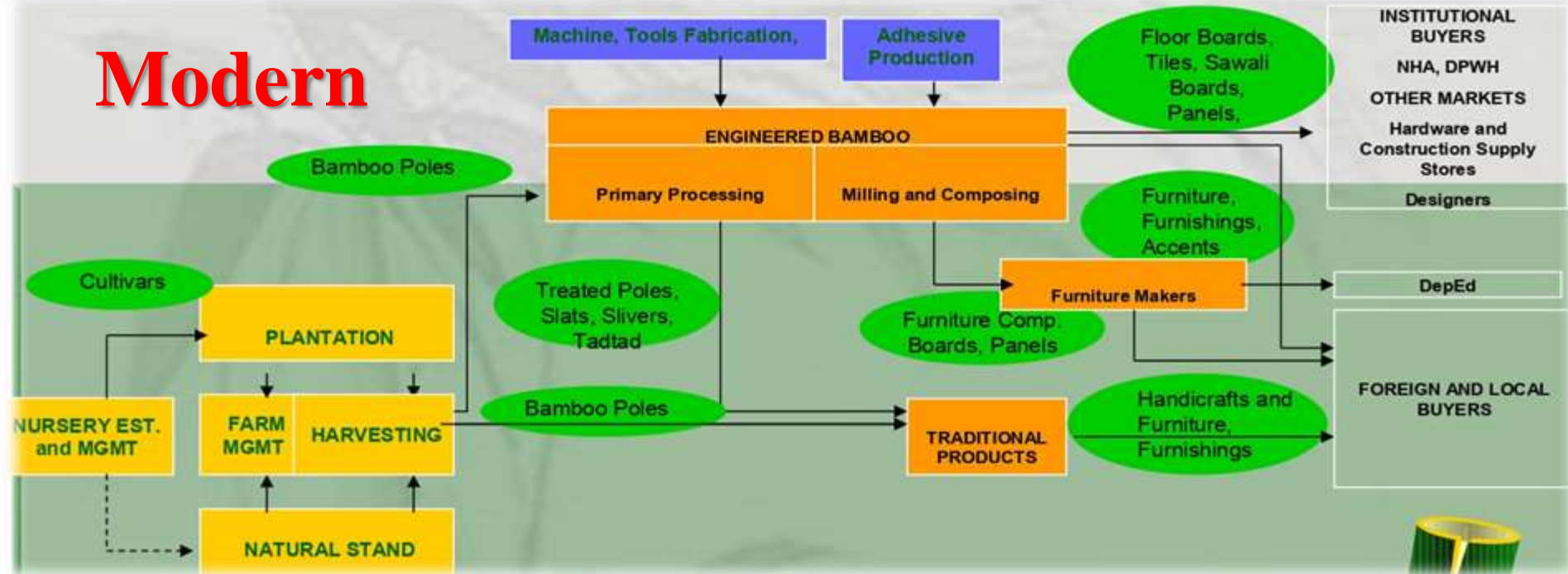


# Bamboo : Traditional vs Modern

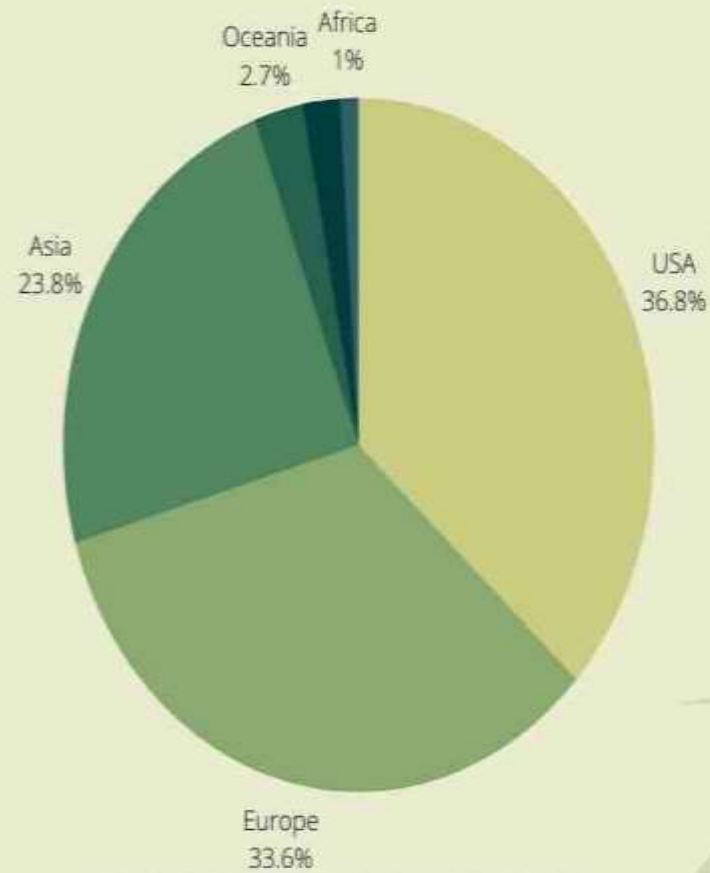
## Traditional



## Modern



# Bamboo for a Green Economy



**Bamboo Imports by Continent**

**An \$80-billion industry and growing**

Sources: GlobalNewsWire.com, BusinessWire.com, and INBAR (International Bamboo and Rattan Organization)

# NATIONAL LEVEL CHALLENGES OF LOGISTICS

Particulars	Farmers / Traders				Industries purchase from anywhere		
	Royalty - Forest	GST	TP Rs	FTL	GST	Royalty - Forest	Total
Bamboo culm /pole sale (Private Land)	0%	5%	20/-	NA	5%	0%	5%
Bamboo culm /pole sale (Private Land, but not properly land documents)	8%	5%	20/-	Yes	5%	8%	<b>13% + Rs.20</b>
Bamboo culm /pole sale (Forest Land)	8%	5%	20/-	Yes	5%	8%	<b>13% + Rs.20</b>

**NB : Different States as different law or Forest Royalty for Bamboo**

# One Nation – One Market

## Vocal for Global / Doubling Income Farmers'

Cause	Existing	Proposed
Policies or regulation related challenges faced by bamboo farmers or traders in transporting or selling Bamboo in India?	<b>Rule 12 of the Principal Rules: 12A. Transport of Bamboos – G.P./T.P</b> <b>Now National Transit Permit System.</b>	Free movement or remove restrictions on <b>National Transit Permit System.</b> Benefit for farmer and increased supply raw material available to Industries.
Formation of Bamboo Farmers' Producer Organization (BFPO) in Block level covering 500-1,000 farmers?	<b>Bamboo</b> FPO / FPC / SHG no available in India.	NABARD or NBM or create of <b>National Bamboo Board</b> for more increasing plantation sector on Bamboo – <b>National Agency</b>
Skill Training ( Short / ITI) – NSQF under Ministry of Skill Development & Entrepreneurship, Govt. of India?	Bamboo Work Trade under Ministry of Skill Development & Entrepreneurship, Govt. of India.	More come out for <b>New Age or Industry 4.0 : Bamboo business</b>

Create of **National Bamboo Board** and notify of price list on Bamboos. (like **Rubber Board / Tea Board / Spice Board/ Others Board**)

# Lessons learnt & the way forward

## SWOT

### Strengths

- Successful demonstration & induction of new technologies & processes.
- Good base of data, knowledge & domain expertise
- A working network approach incurring low transaction costs

### Weaknesses

- A limited time mission. The nature of the sector, its size & variety requires a permanent institutional support mechanism.
- Scale of budget moderate in real size economy effect can only be demonstrative



# SWOT cont.....

## Opportunities

- Substantial, elastic demand for a variety of products.
- Green alternative in all fields with significant positive externalities.
- Multi use products; reduction in wastage.
- New age technology areas.
- Extra Fiscal/Financial support on account of green advantage
- Bamboo Depots

## Threats

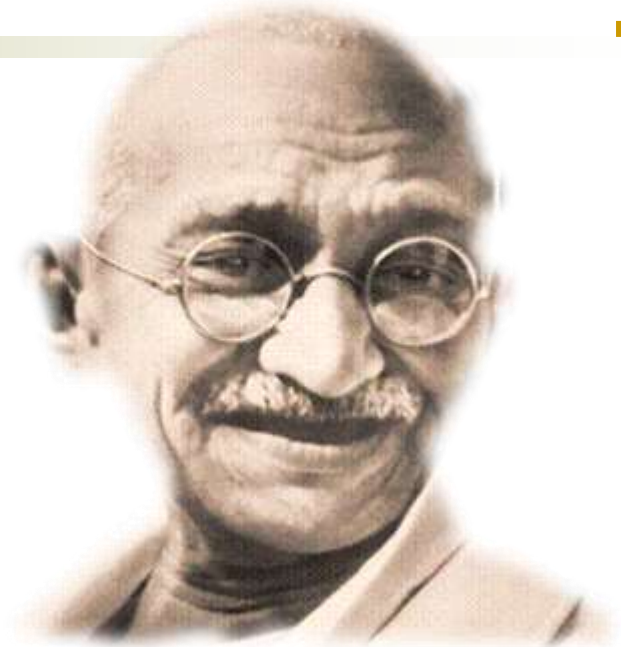
- Traditional marketing channels are difficult to penetrate
- Availability & pricing of bamboo, bamboo harvesting practices.
- Inappropriate regulatory regime for harvest and transit of bamboo.
- Economics of scale & price comparison with wood based & plastic materials
- No state schemes to promote bamboo based development

**‘Permanent Body’ to promote all aspects of bamboo: Council or Board**

“Bamboo is Green Future Life”

You must  
be the  
**change**  
you wish  
to see in  
the world:

Mahatma Gandhi



**Namaste / Khulumkha**