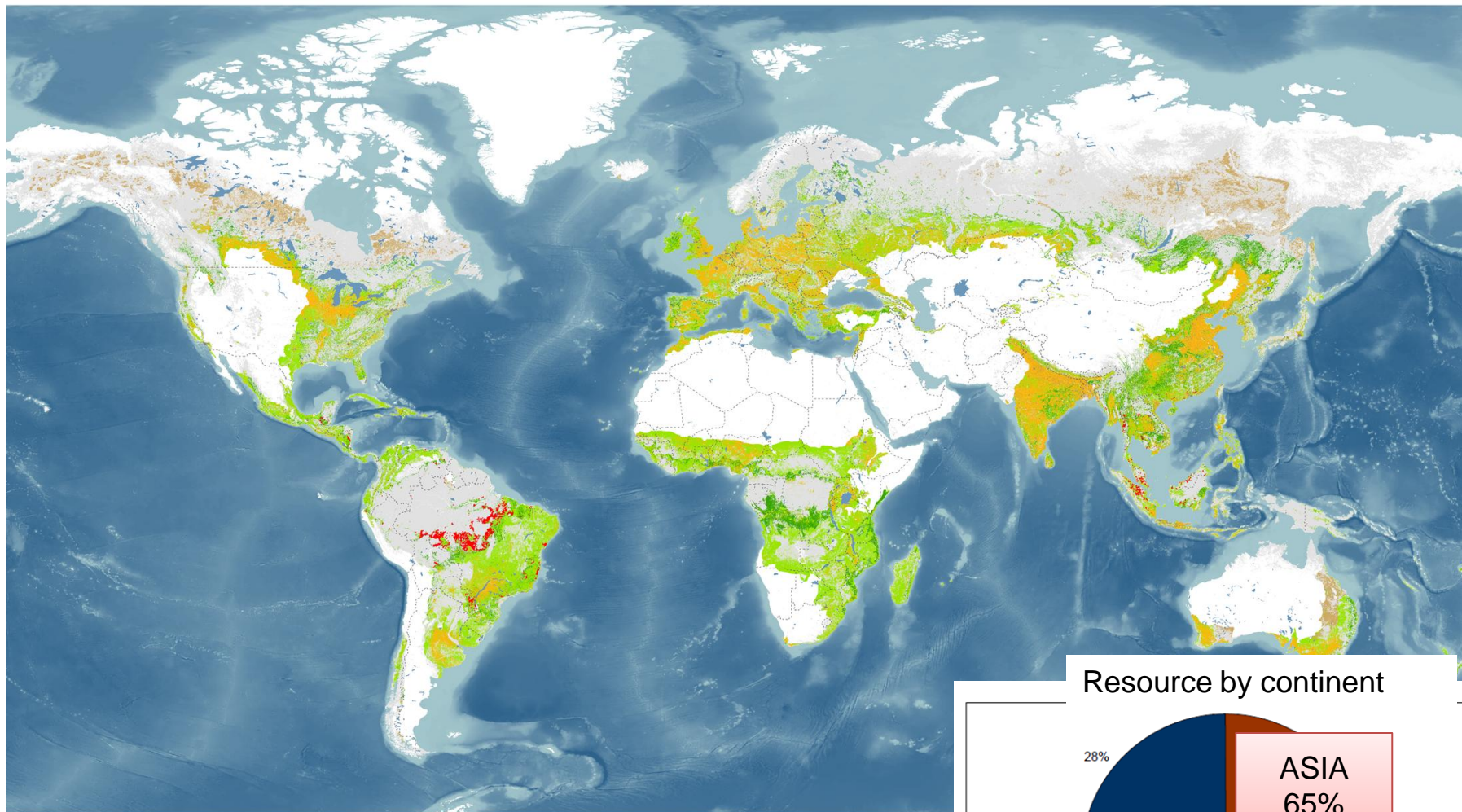


# Introduction to the bamboo sector dynamics

Sara Melki – Gret - 9h00 to 9h15

# A World of Opportunity for Forest and Landscape Restoration



## FOREST AND LANDSCAPE RESTORATION OPPORTUNITIES

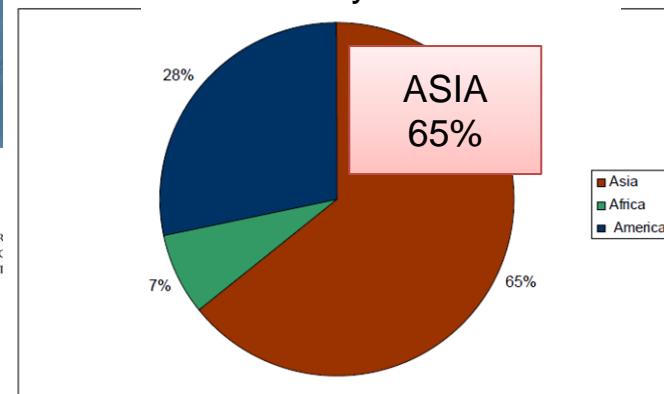
- Wide-scale restoration
- Mosaic restoration
- Remote restoration

## OTHER AREAS

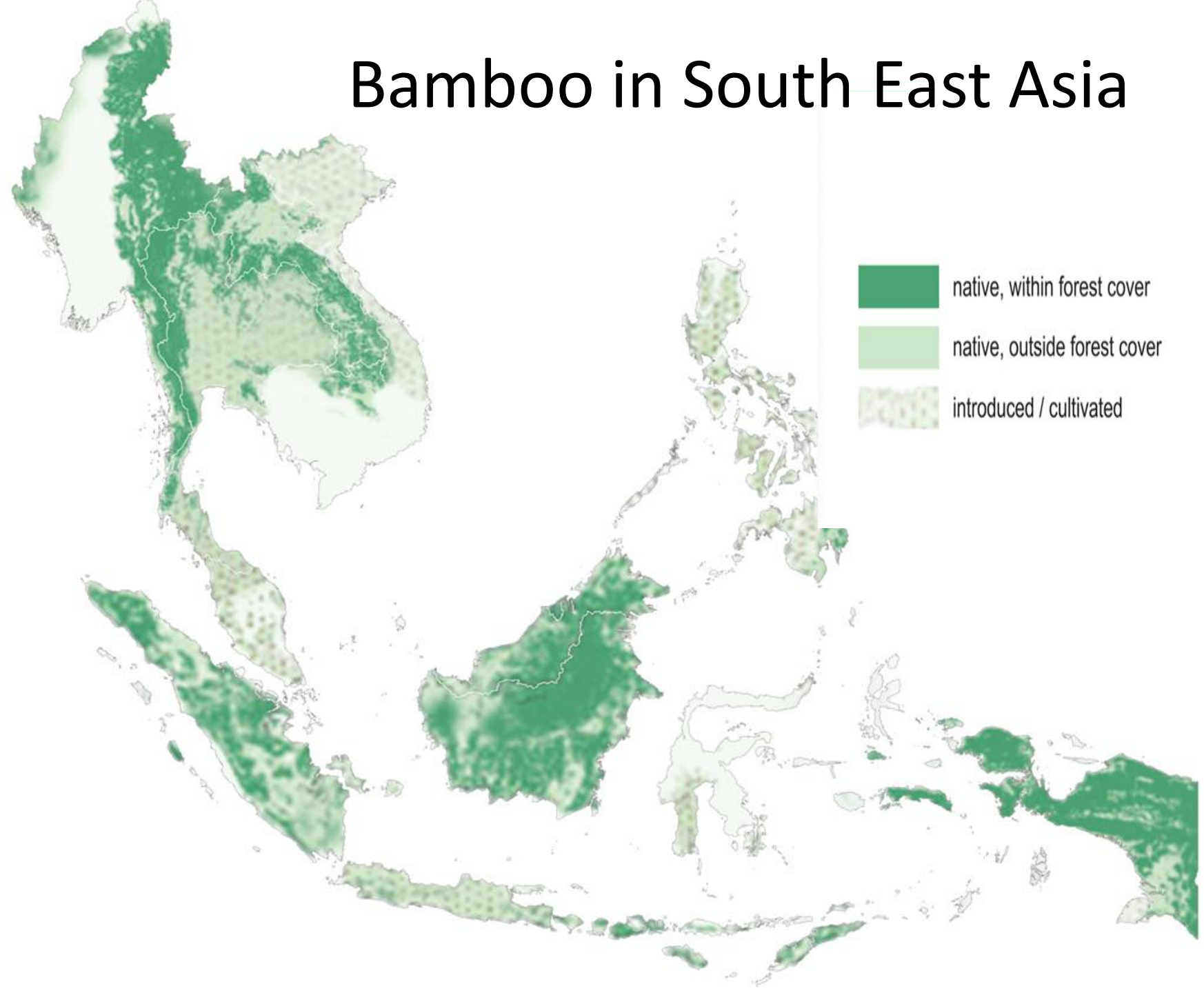
- Agricultural lands
- Recent tropical deforestation
- Urban areas
- Forest without restoration needs



Resource by continent



# Bamboo in South East Asia



# Bamboo in South East Asia

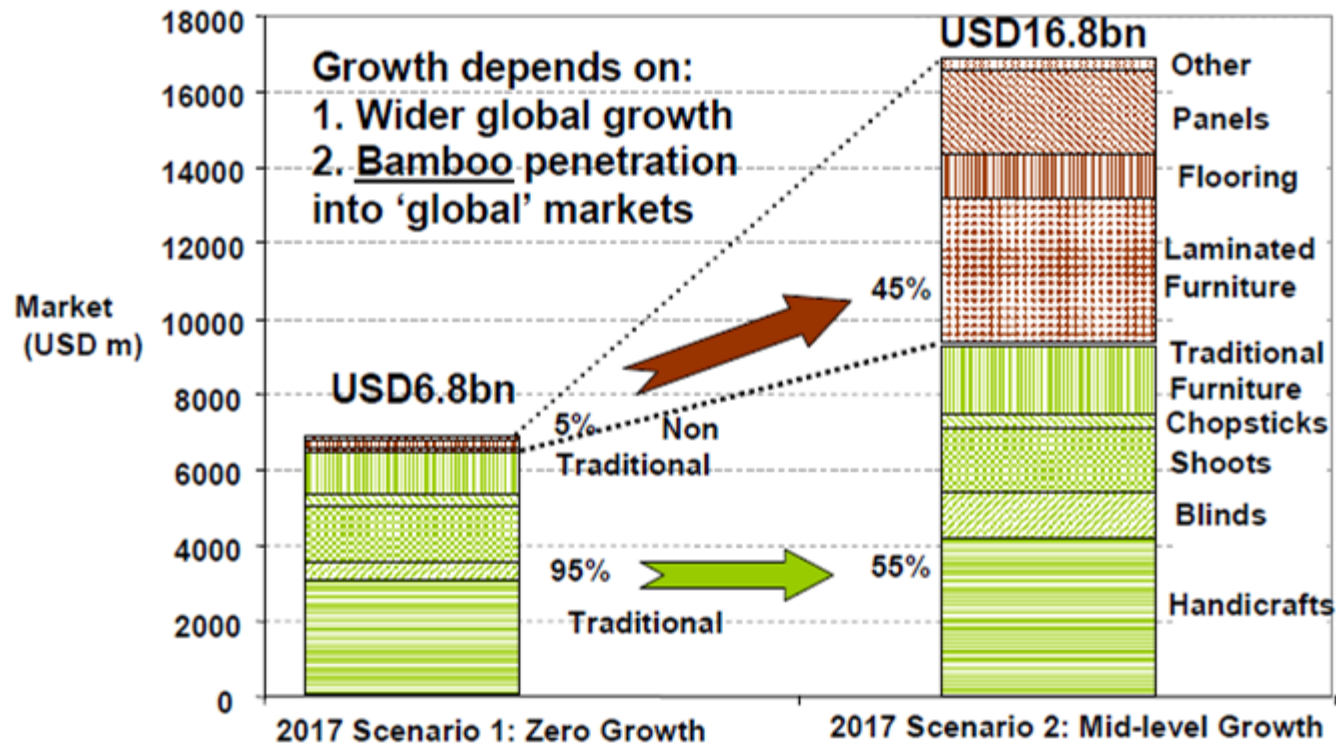
In Asia, the major bamboo producing countries are India (almost 11.4 million hectares) and China (over 5.4 million hectares), followed by Indonesia (2 million hectares) and the Lao People's Democratic Republic (1.6 million hectares). Source : FAO 2005

country	Bamboo forest inventory, FRA 2000 (1000 ha)	Bamboo forest inventory FRA 2010 (1000 ha)
Cambodia	34	37
Lao Pdr	1612	1612
Myanmar	859	859
Thailand	261	261
Vientnam	1415	1425
China	4869	5712
India	5232	5476

Table Source; FAO FRA 2010

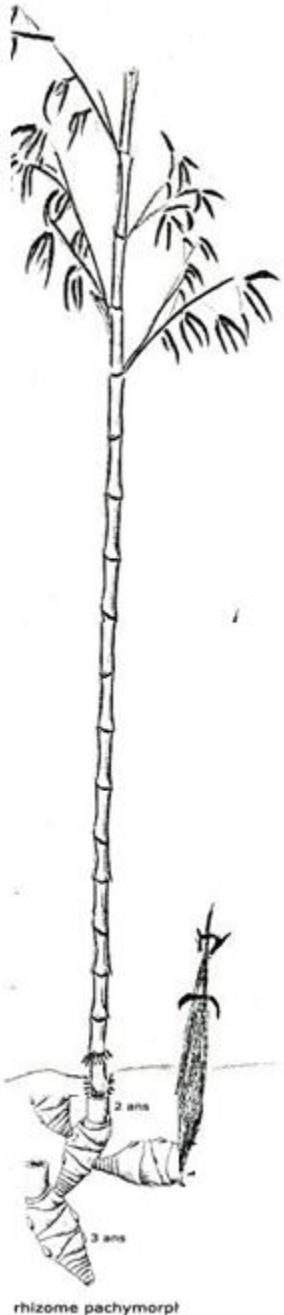


# Potential of Bamboo in SEA



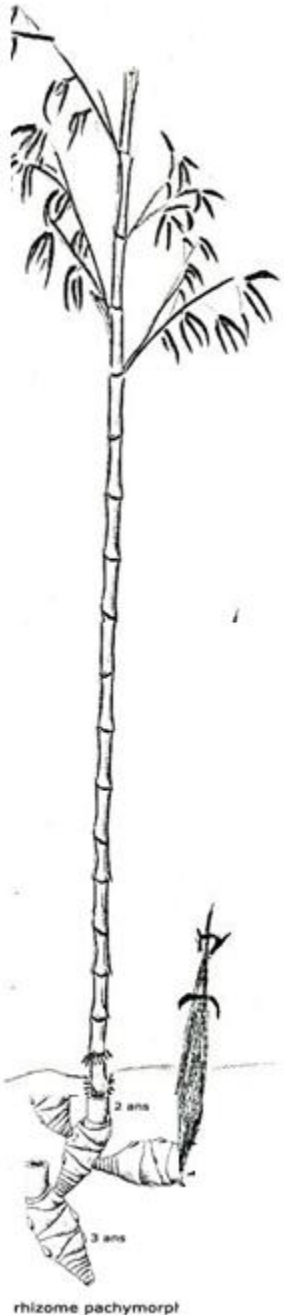
# Potential of Bamboo in SEA

- Fast regeneration
- Large area of natural bamboo forest  
Est. Of 1,5 millions hectares of natural bamboo forest
- Large number of bamboo species  
50 species within 30 species are traded
- Large range of use and utilisation



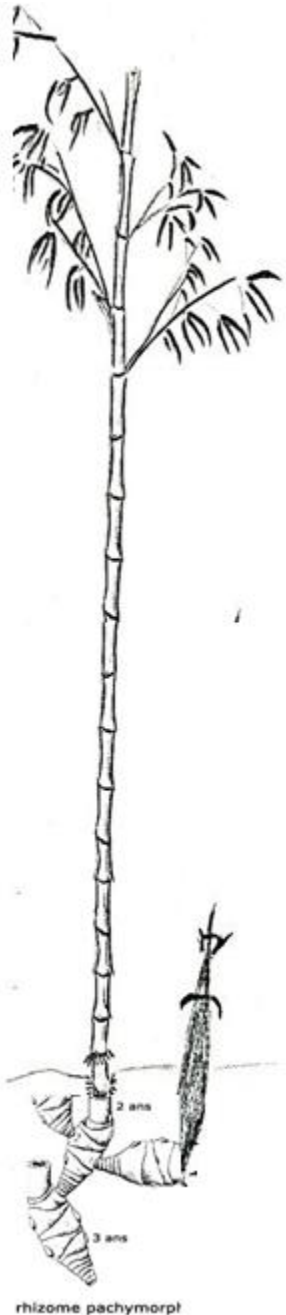
# Situation in SEA

- Rural and poor population  
Generating 4 millions usd in 2011
- Risk of deforestation
- The « open market » pressuring the small scale farmers:
  - Pressure on quick change of farming system
  - Pressure on Land
  - Need on Diversification/ agro ecology
- Bamboo as a window to work on land and forest land right and income diversification



# Bamboo an opportunity for communities to:

- Pro poor value chain development to reduce poverty
- Resilience of the rural population
- Forest and environment protection
- Develop other NTFP opportunities based on experiences
- contributor to climate change (environment value and economical value)





# Advantages of Bamboo

Bamboo markets is considered as “*an increasingly important economic asset in poverty eradication and economic and environmental development*” (FAO, 2005).

- **Economic values**

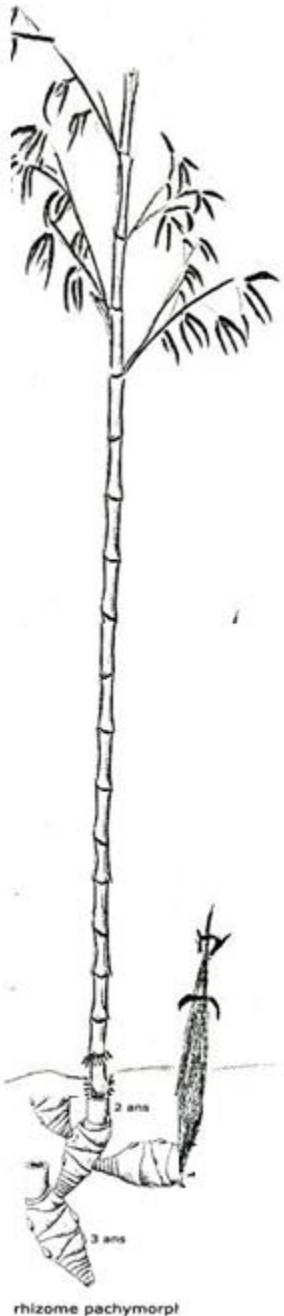
- Income generation

- **Environmental values**

- restoration
- substitute for wood = against deforestation with a good forest management

- **Social values**

- more social segments can benefit (availability of resources)
- Securing land rights to smallholders



# Bamboo/NTFP Projects in SEA

## GRET;

- Lao PDR: *The Houaphan Bamboo development project* , 2008 -15
- Vietnam; *The Luong development Project*, 2005 -2011

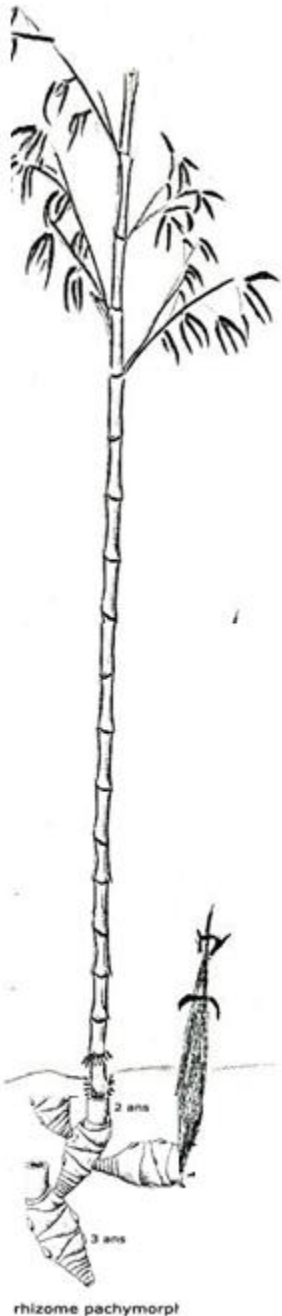
## RECOFTC

- Lao PDR; ForInfo/EEP Bokeo: improved bamboo management [<http://www.recoftc.org/recoftc/download/4708/904>] 2011-2015
- Thailand; Ngao Model Forest/RFD: improved bamboo management

## WWF

- Lao PDR,
- Cambodia, INBAR
- Vietnam, FAO

Giz/ ICBF .....?



# Coverage of experiences in Lao PDR

