



# Teak Project Overview

PARDI Impact Workshop  
Vanuatu  
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# Development of a Market Mechanism for Teak and other high value timber in the Western Province of Solomon Islands

- Partners:
  - Griffith University
  - Solomon Islands Government Ministry of Forestry
  - Solomon Islands Association of Rural Training Centres
  - Secretariat of the Pacific Community
  - University of Adelaide
  - University of Queensland
- Acknowledge
  - Lagoon Eco Timber Supply Limited
  - Kolombangara Forest Products Limited (KFPL)
  - Communities of Roviana and Vonavona

# Solomon Island Teak Project

- PRA team
  - Dr Tim Blumfield, Griffith University (Project Leader)
  - Mr Craig Johns, University of Adelaide
  - Dr Russell Haines, Griffith University
  - Dr Frédérique Reverchon, Griffith University
  - Dr Kristen Lyons, University of Queensland
  - Mr Philip Zekele, Ministry of Forestry, Western Province
  - Dr Shane Tutua, SPC- Land Resource Division, Honiara
  - Mr Gideon Bouro, SPC – Land Resource Division, Honiara
  - Mr Larren Gomeses – In country coordinator

# Teak

Project designed to:

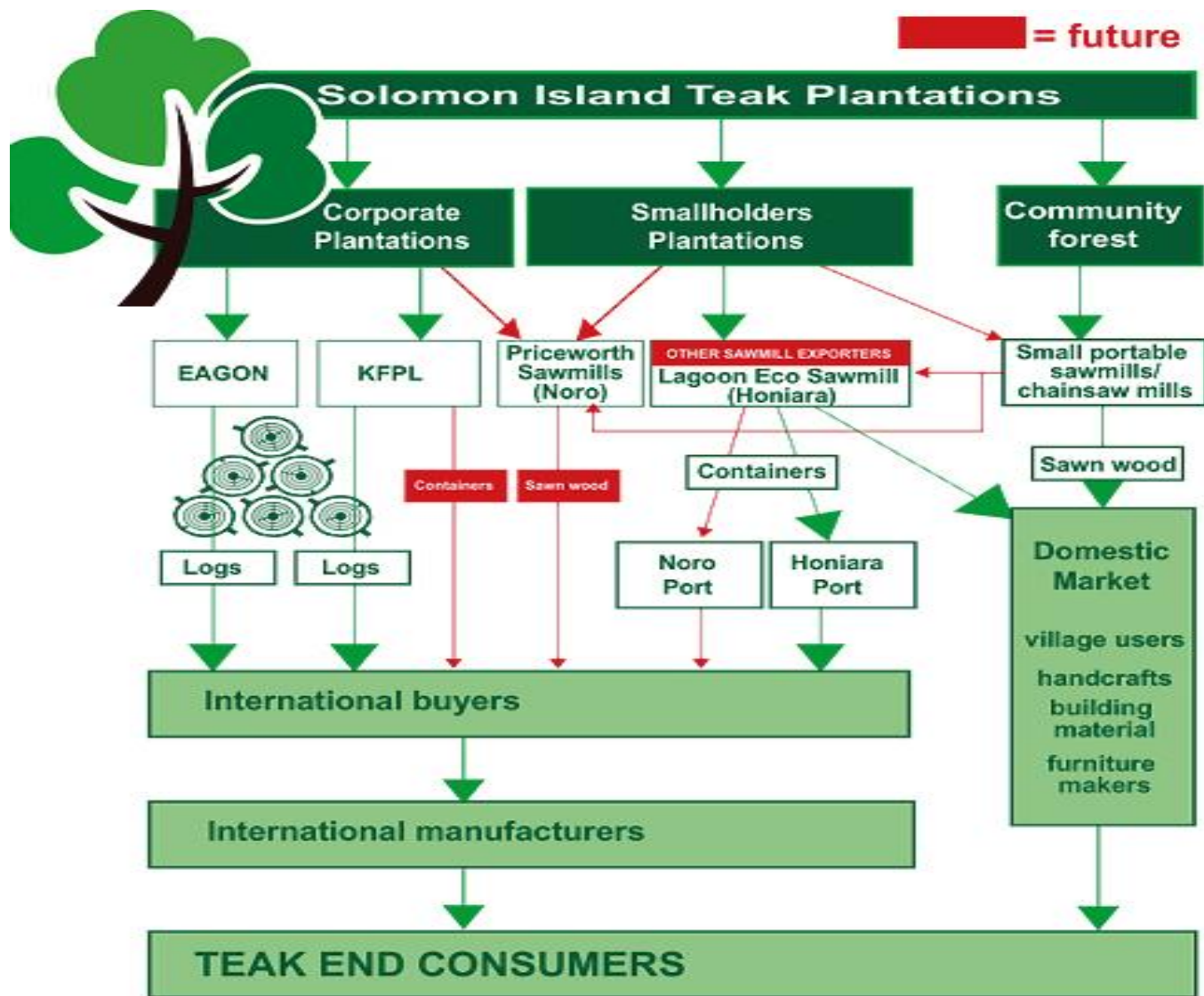
- Explore grower cooperatives and Forestry Stewardship Council (FSC) opportunities
  - 30 villages / SPC and PHAMA collaboration
- Establish a resource inventory
- Identify market drivers
- Develop a pilot program
- Examine social factors

# Teak

## Supply Situation

- Approx 6000 Ha of teak plantations in the Western Province
- Consists mainly of <1Ha smallholder plots in remote locations
- All planted around 10 years ago
- Teak trees take around 25 years to reach maturity
- Plantations need to be 'thinned' to avoid stunted growth due to canopy close over

# Teak Industry Value Chain Map



# Teak

## Major Constraints

- Lack of infrastructure
- Logistic issues from plantation to port
- Prohibitive cost of transport and certification
- Condition of trees falls outside of grading rules and buyer requirements
- Lack of SI buyer options



# The Good News

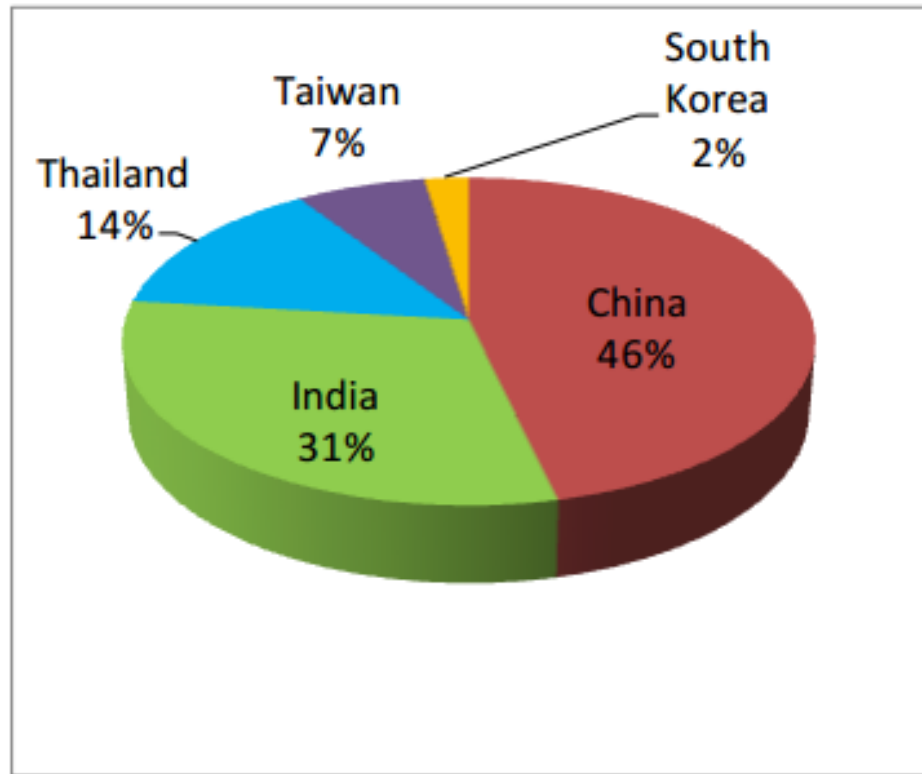
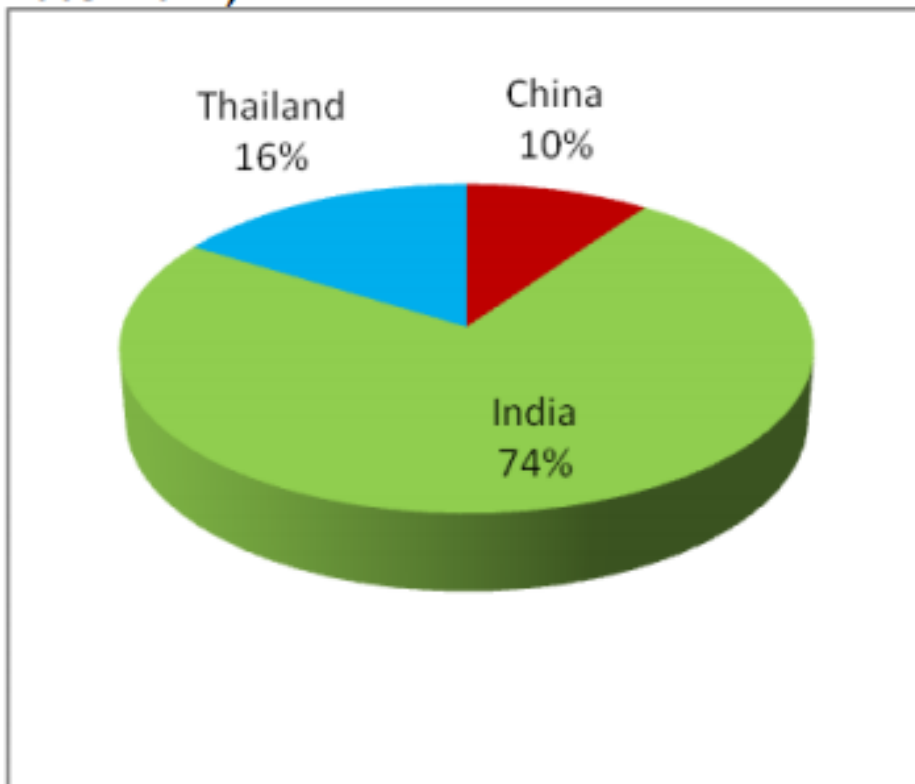
- High and increasing global demand for teak
  - Reputation built on high quality natural timber
- Limited supply
  - Myanmar was the last country able to export natural forest teak logs
  - Likely the global market will shift to younger plantation teak
- Global market analysis with specific focus on the countries that dominate teak imports
  - India, China, Thailand and Vietnam



# Teak Trade

Share of roundwood imports:  
1.07 million m<sup>3</sup>/year,  
Average 2005-2014

Share of sawnwood imports:  
120 000 m<sup>3</sup>/year,  
Average 2005-2014



# Opportunities for SI Teak

- India
  - Huge appetite for all grades of teak, including thinnings (at the right price)
  - Prefer logs, no cert required in domestic market
- China and Vietnam
  - On selling value added furniture to EU and USA so more legality and cert requirements
- Other opportunities in Aust and NZ with legality in place
- Domestic market to provide part of the solution, particularly for lower value thinnings

# What worked well

- Multidisciplinary teamwork
- Commitment of in country partners
- Understanding of current situation, resource base and future opportunities
- Interaction and training with the Growers



Meeting the growers



Training the Trainers

# Measurement kit provided to each community group

TEAM 2

Assessment Workshop Data Sheet

Yellow Trees					Trees		
height	dbh	sell	keep	use	sell	keep	use
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							

How to Measure

Trees

standing  
out the v

for trees and how to  
you have

Development Initiative

gricultural Research

Ministry of Forestry

TEAM 3

Assessment Workshop Data Sheet

How to Measure Your Trees

A guide to understanding how to measure your trees and how to work out the volume of the timber you have



Pacific Agr

Australian Centre  
(ACIAR)

Solomon Islands Government Ministry of Forestry

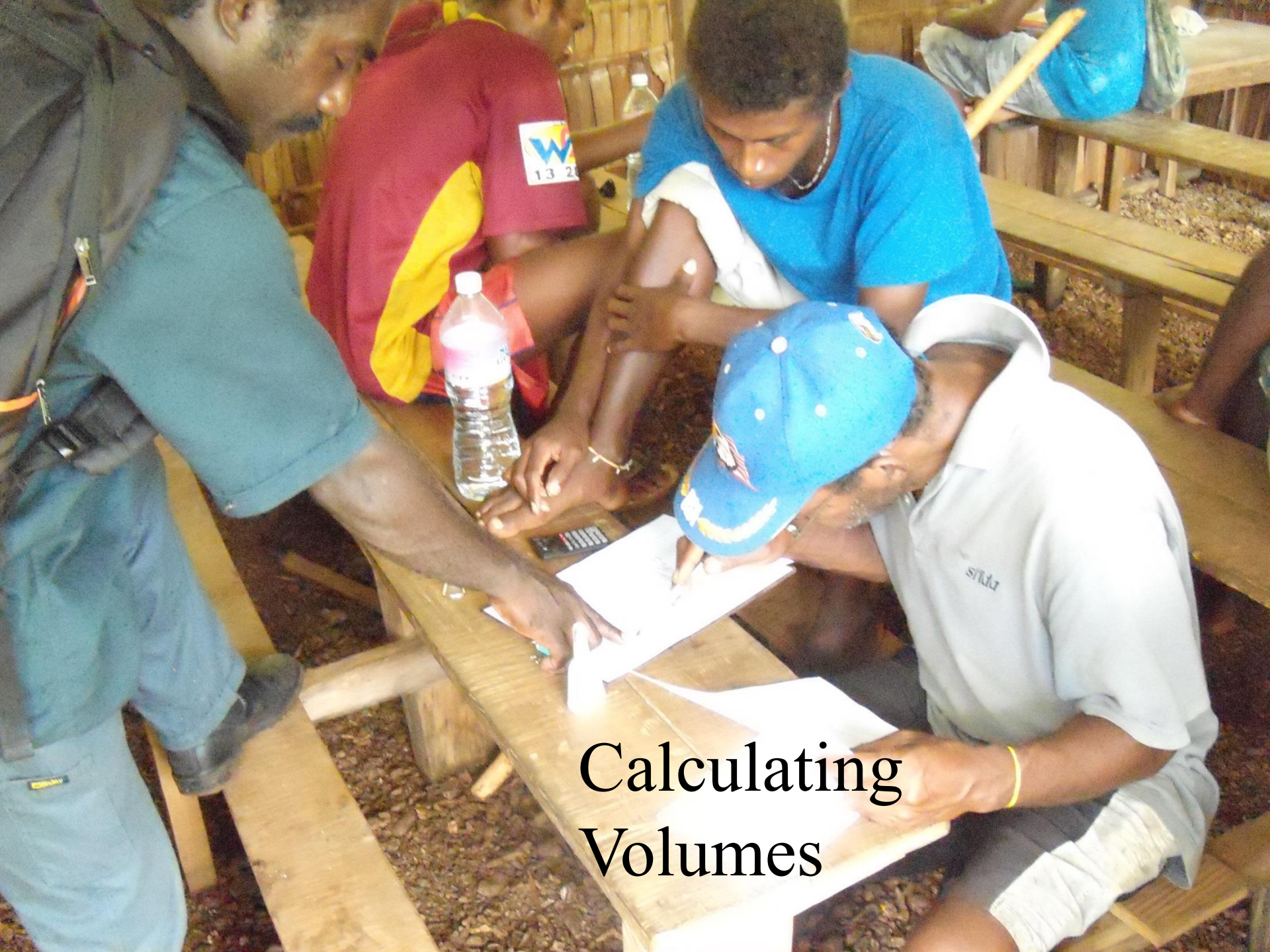
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# Field training for growers, by forestry staff





Calculating  
Volumes



## **New Project; FST/2014/066**

# **“Improving returns from community teak plantings in Solomon Islands”**

- Focus on legality
- On site processing / logistics
- Use market demand to drive requirements along the chain
- Provide full economic cost analysis of new market channels



# Tank yu tumas Questions?

Craig Johns

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