Workshop on ACIAR Project FST/2012/092

“Enhancing Value-Added Wood Products in Papua New Guinea”

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DEVELOPING PNG THROUGH SUSTAINABLE FORESTRY
Objective 4-Activity 4.1 - Training & Technology Transfer
To enhance the capacity of Government, institutional support bodies, industry partners and landowners to implement value added wood processing policies, strategies and practices.

Project involves partner organisations in research, education & training institutions, government agency & the industry association.

- PNG University of Technology
- PNG Forest Research Institute
- Timber & Forestry Training College
- PNG Forest Authority
- PNG Forest Industry Association
- Landowners in Timber Authority Areas
Objective 4.1:

“Training and Technology transfer on value-added processing methods”

Review of current training and teaching courses

- Certificate (Cert IV) in solid wood processing (CSWP)
- 7 Major trade subjects on offer:
  - Timber Harvesting
  - Small Sawmilling
  - Large Sawmilling
  - Saw Doctoring
  - Wood Technology/Preservation
  - Wood Machining
  - Furniture & Cabinet Making
TFTC Accreditation Program

- To align with PNG University of Technology (PNGUoT) quality assurance functions (range of learning objectives/assessment).
- Review of subjects to meet Academic Quality Assurance (AQA).
- Subject files examined by PNGUoT AQA Team in September 2016 & given the approval however, minor alterations is required in fulfilment of the requirements.
- Future semesterisation of CSWP program to begin by 2018.
Diploma in Timber Processing & Wood Products (TP&WP) update

- Developed under previous ACIAR project (FST/2006/120).
- Integration of specific subjects from Diploma in wood science & technology to Dip.TP&WP.
- To have consultation with PNGUoT department/s with inclusion of TFTC units into their schedule, e.g., (language & communication, etc...).
- Approval pending vetting process through PNGUoT courses committee & academic board, subject to Cert IV subject files completion.
Current training gaps/challenges; (important input into implementation of value added policy)

- Core areas of specific training in R&D, including teaching & technical staff qualification.
- Training of future experts in various aspects of value added processing and manufacturing technologies and product quality due to financial constraints.
- Dilapidated training equipment requiring immediate replacements to address industry training needs and expectations.
- Availability & accessibility of training facilities to undertake proper research.
Short-term training

- Basic elements of training in timber harvesting, small sawmilling, large sawmilling, wood technology, saw doctoring, wood machining, furniture manufacturing & preservation provided for industry.

- Short modular courses of 1/3 weeks duration.

- TFTC’s vision includes addition of new processing technologies to the curriculum.
Collaborative Partnership in;

- Having greater collaboration with PNGFRI, Forestry Unitech, expanding options for research & development (R&D) in enhancing & adding value to wood, including capacity shortfalls which will constantly need attention in technology change.

- Creating the opportunities to partner with timber & forest industry to learn & enhance knowledge & skills in technology transfer.

- Short-term and long-term training for various segments of value-added wood processing for staff & at a lesser degree a short term training for industry technician/apprentices.

- Training will be undertaken “in-house” at individual companies and at TFTC for industry skilled technicians.
Training in Australia for PNG researchers on value-added technologies

- PNG researchers to undertake training on value-added processes to enhance knowledge & skills using new technologies, including industry technician.

- Training gap in new processing technologies which will determine the industry participation through training & educational programs on offer at TFTC.

ACIAR Project FST/2006/120
Course coordinator & participants, Melbourne University
Development of training manuals & technical specification (circulated via PNGFIA for industry distribution & comments)

PNG Standard for Visual Timber Grading [draft]

PNG National Sawn Timber Grading Rules [draft]
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Thank you