

**Item 2 of Provisional Agenda of
JOINT SESSION OF THE COMMITTEES: ITTC-JC(L)**

Ex-post Evaluation Report

PD 270/04 Rev.2 (F)

**EX-SITU AND IN-SITU CONSERVATION
OF TEAK TO SUPPORT SUSTAINABLE
FOREST MANAGEMENT**

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Project Facts

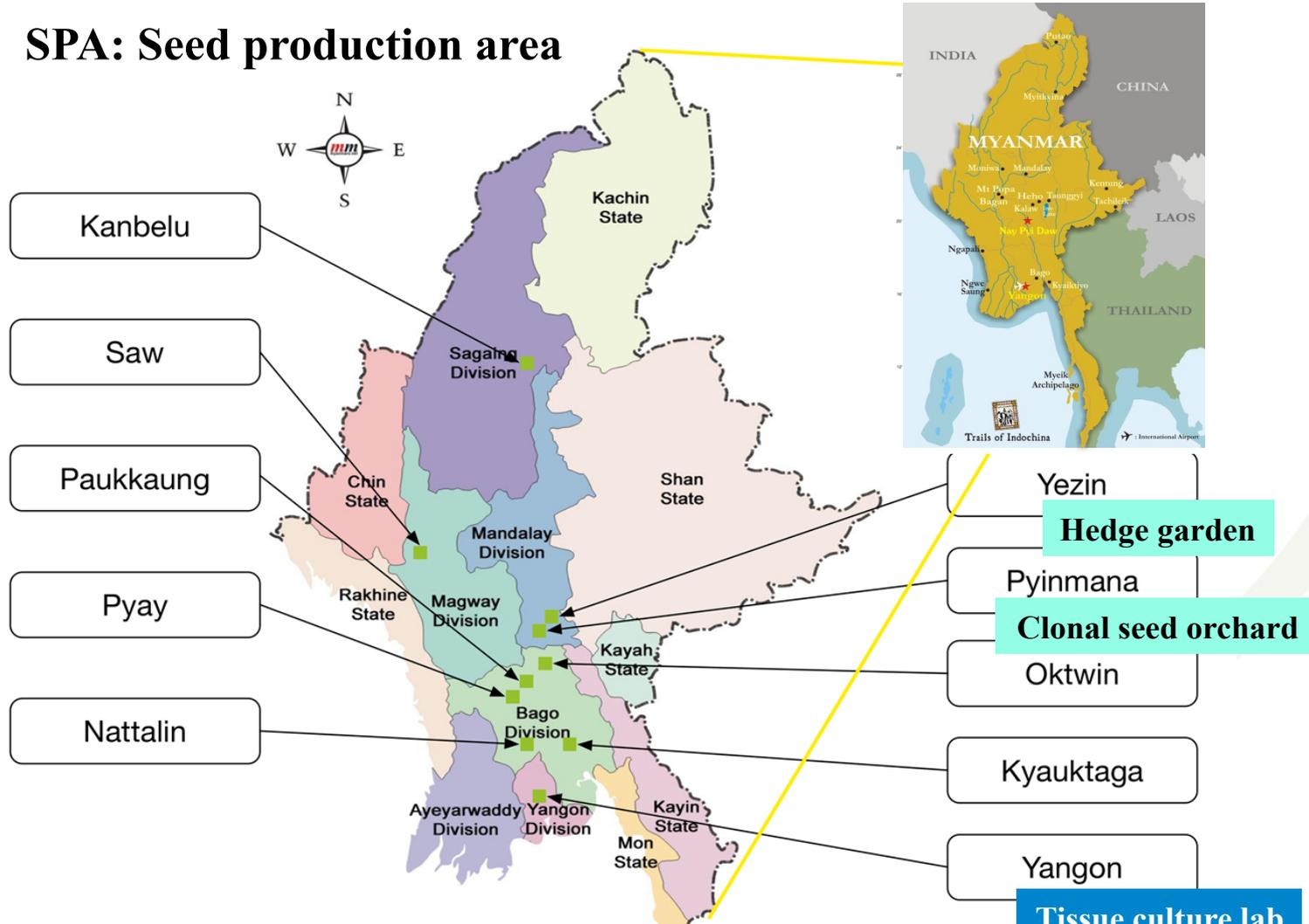
Project title:	Ex-Situ and In-Situ Conservation of Teak (<i>Tectona grandis</i> L. F.) to Support Sustainable Forest
Project No.	PD 270/04 Rev.2 (F)
Host government:	Government of Myanmar
Executing agency:	Forest Department of Myanmar
Committee:	Reforestation and forest management
Submitted by:	Government of Myanmar
Cooperation governments:	./.
Project duration:	36 months , 01 April 2006 – 31 March 2009
Financial contribution:	ITTO: USD 474,941 , Government of Myanmar: MKY 9,270,800 (in kind)
Reports:	Proceedings on Teak Seed Production Area Management & Tree Improvement
	Report of national consultant
	Report on training course on molecular biotechnological techniques in tree improvement at Kerala Forest Research Institute, India
	Report on Study Tour
	The Second Technical Report of International Consultation on Tree Improvement
Completion report:	Project Completion Report (dt. 30 June 2009)
Identified core problem:	Reduction in quality seed stock in the natural teak forests

The field mission was carried out between July 19th – August 1st, 2016.



Project Locations in Myanmar

SPA: Seed production area



Hedge garden

Clonal seed orchard

Tissue culture lab



International Union of Forest Research Organizations

Union Internationale des
Instituts de Recherches
Forestières

Unión Internacional
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Investigación Forestal

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Logical Framework

To enhance the economy of the country through sustainable production and export of high quality teak

Specific Objective 1:

To establish Seed Production Areas (SPA) and initiate activities for the establishment of Seed Orchards for production of high quality seed

- Output 1.1:* A total of 150 acres of SPA established at six districts.
- Output 1.2:* Provenance trials, hedge gardens and a nursery established.
- Output 1.3:* Trainings, workshops and study tours organized and implemented.
- Output 1.4:* Capacity of the local community in the management of SPA enhanced and their livelihood sustained and improved.

Specific Objective 2:

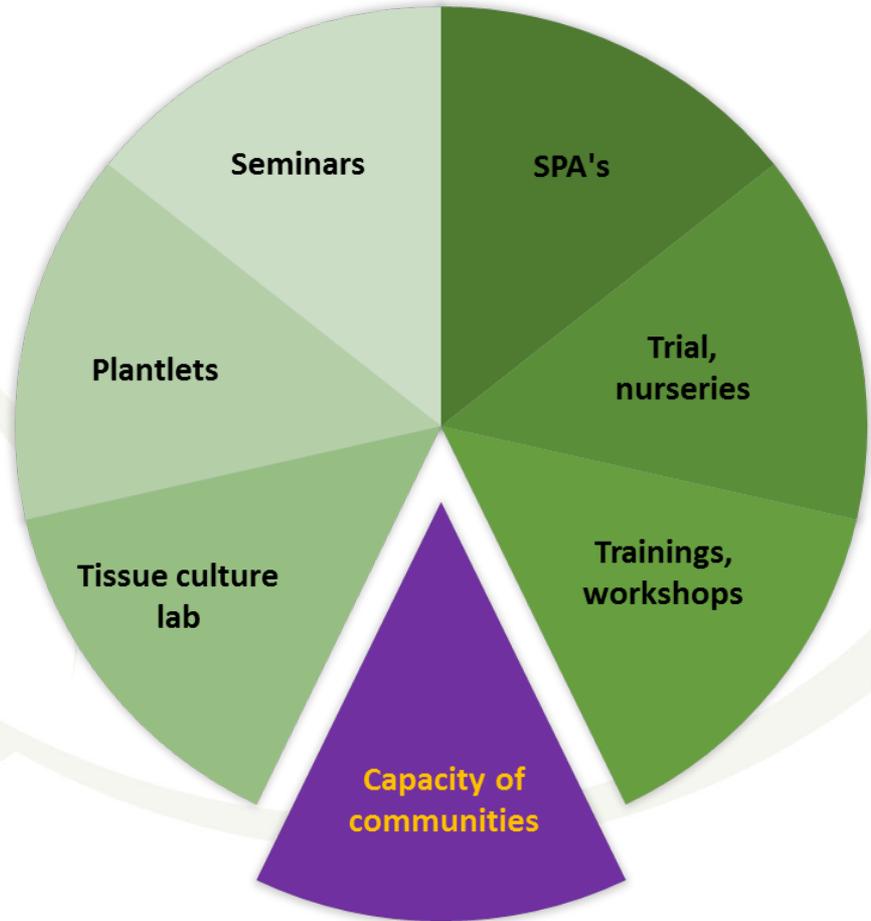
To strengthen the Tissue Culture Laboratory and produce high quality clonal plantlets through tissue culture and shoot cutting from hedge garden

- Output 2.1:* Tissue Culture Laboratory strengthened.
- Output 2.2:* High quality vegetatively propagated plantlets in production from tissue culture and hedge garden.
- Output 2.3:* Training and seminars organized and convened



Grouping Outputs

Out of seven planned outputs, **six are technical** in nature, and only **one is related to social aspects**, i.e. communities. However, the latter shall take care of SPAs and use much of the produced planting material for reforestation activities.



Conceptual Findings

- + All technical aspects of the project still in place and maintained (one exception)
- + Some communities still maintain plots and produce income
- + The neglected plots are with poor seed production
- + Additional communities copied the concept
- Plot management objectives not periodically reconfirmed (or modified)
- Upscaling effect in communities very low
- Weak institutional linkage of concept
- Practically no linkage of project results to "real life forestry"



Technical Findings

- 21 technical recommendations formulated for five project activities (which are still relevant today)
- 13 recommendations of closing report reviewed:
 - Good Institutional Memory
 - Good presence of Forestry Department at field levels
 - Community forestry policy concept weak
 - Forestry policy weak
 - Training level and forestry competencies of field staff needs improvement



Lessons Learnt

Forestry Department

- Good project administration and technical excellence during project implementation alone do not trigger necessary changes required for holistic sustainable forest management

ITTO

- Technical support was excellent and lead to sustainable (technical support). However, institutional linkages to forest policy and community integration could have been more formalized



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Recommendations

Forestry Department

- Integrate tree improvement and gene conservation of teak into upcoming forest policy and give it a prominent position in future policy directions;
- Critically review all technical papers, guidelines, manuals for SPA and PTS management;
- Integrate community specialists in SPA management;
- Carry out forest appraisals, i.e. commercial value assessments of SPAs for determination of seed prices. If necessary, categorize plots into classes for easier market communication

ITTO

- Ensure integration of results of technical projects into national forest policy during the project planning phase;
- When technical-oriented projects are combined with social / community forest approaches ensure application of appropriate methods and specialists;
- Continue to support technical approaches in forestry, which are definitely needed to advance forestry as a science-based land management



Thank you for your attention



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