Development of timber and non-timber forest products’ production and market strategies for improvement of smallholders’ livelihoods in Indonesia

Australian Centre for International Agricultural Research (ACIAR) funded project (FST/2012/039)

Introduction
Combining tree planting with Tops management has been an important part of local farmers’ livelihoods’ strategies for a long time, with each element playing a different role. Integration of improved production and marketing of smallholders’ timber and NTFPs is likely to improve livelihoods and with better management at the landscape level. The project aims to identify, enhance and expand smallholders’ involvement in the management of commercial, forestry-based products at different spatial scales in Java and eastern Indonesia.

Methodological framework
The project will be integrated across sites, partners and objectives, focusing on improved management of integrated smallholding timber-NTFP production systems and employing a participatory action research approach with all activities to ensure greater likelihood of uptake of the project’s objectives.

Management models of three existing complementary timber and NTFPs practices:

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<tr>
<th>NTFP extraction</th>
<th>Timber extraction from forest</th>
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<td>NTFP domestication</td>
<td>Case study 1</td>
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The project addresses four research questions:

1. How can forestry and agroforestry management practices be improved to enhance integrated timber and NTFP management and production?
2. What are suitable strategies for effective integrated marketing of timber and NTFPs for smallholders?
3. What policy factors significantly hinder smallholders’ production and competitiveness in timber and NTFPs and how can those factors be addressed?
4. What are the key characteristics of an extension program that can deliver information on best practices for timber and NTFP management, production and value-added marketing?

Project sites

Research is implemented in smallholders’ farming areas in Indonesia’s poorest provinces of West Nusa Tenggara and East Nusa Tenggara and in smallholders’ teak production areas on its most densely populated island (Yogyakarta, Central Java).