



Trees in multi-Use Landscapes in Southeast Asia (TULSEA): A negotiation support toolbox for Integrated Natural Resource Management (INRM)

World Agroforestry Centre
TRANSFORMING LIVES AND LANDSCAPES

Author: Meine van Noordwijk, Diah Wulandari
Correspondence: M.vanNoordwijk@cglar.org

Introduction

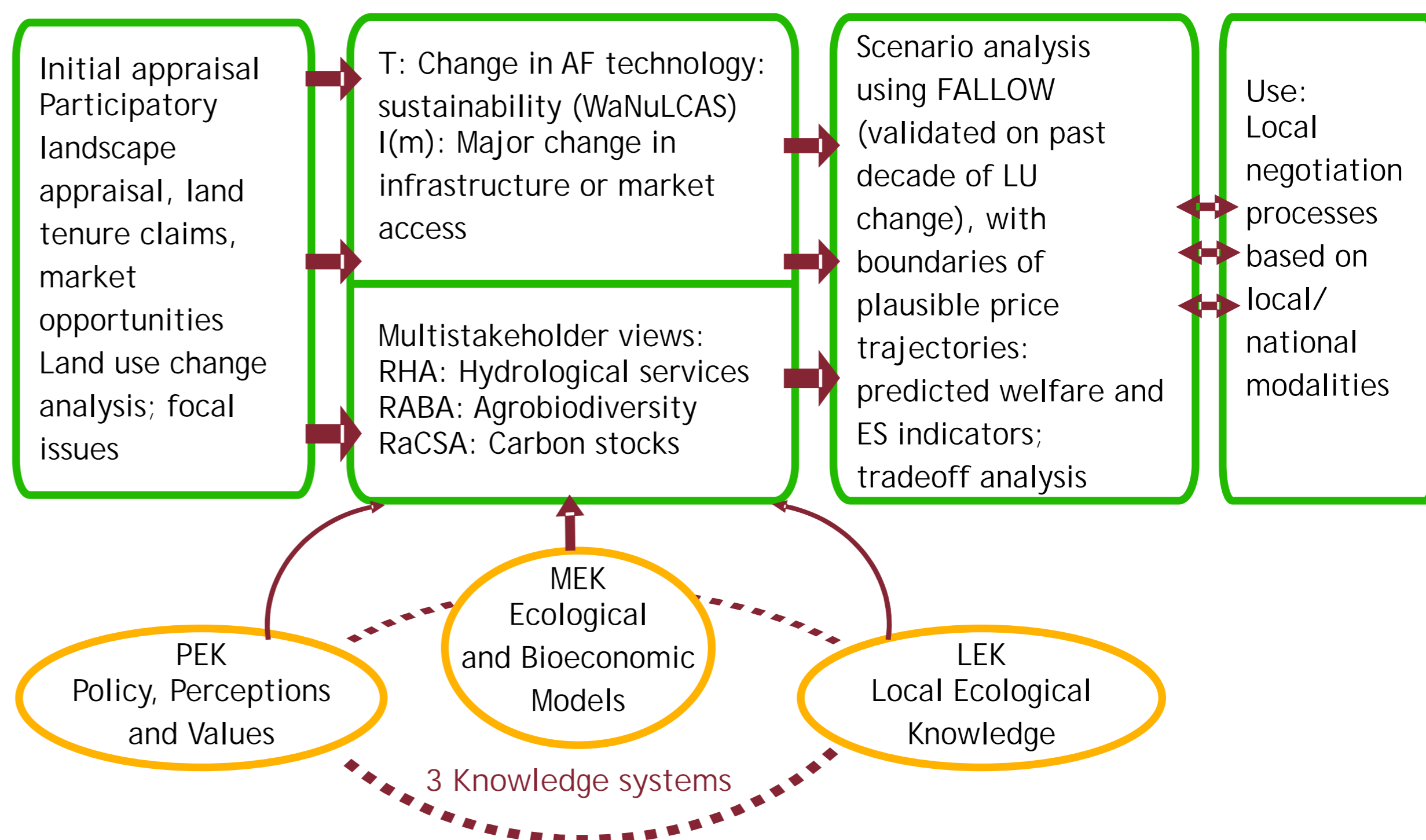
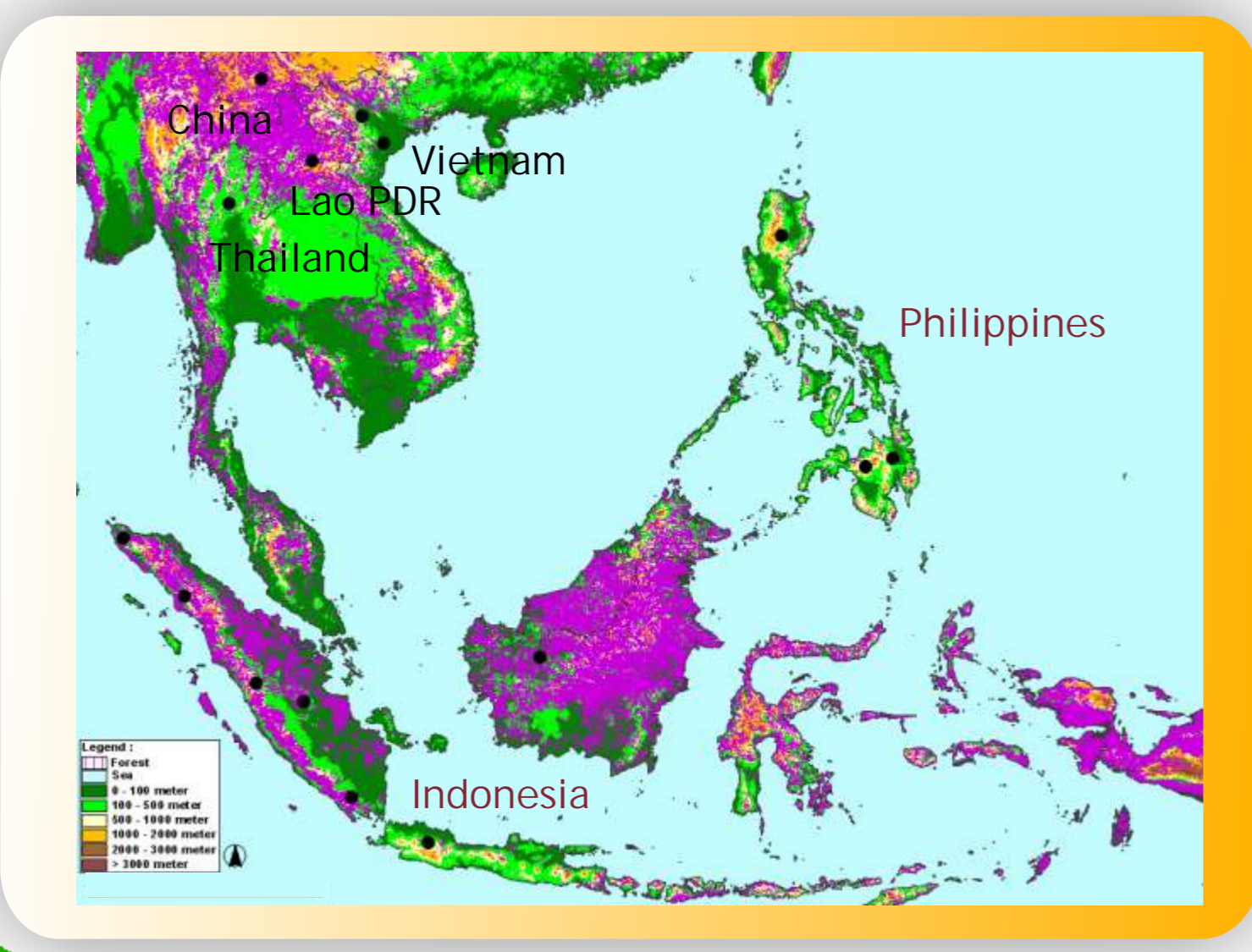
- INRM approach requires site-specific understanding of tradeoffs between and among the goods and services provided by trees in agro-ecosystems.
- Replicable, cost-effective approaches of landscape-level impacts are needed to help stakeholders sort out the effects of trees in multi-use landscapes on livelihoods, water and biodiversity, rights and rewards.

Approach

- Bridge perception gaps between stakeholders (local, public/policy and scientific knowledge paradigms),
- Increase recognition and respect for these multiple knowledge systems,
- Provide quantification of tradeoffs between economic and environmental impacts at landscape scale, and
- Enable joint analysis of plausible scenarios based on available data and information.

Project Period and Study Sites

- Period: May 2008 - April 2010 (3 years)
- Location: 6 countries in Southeast Asia.



Activities

- Wp1. Improving the integrated toolbox from existing generic tools and methods
- WP2. Capacity building (NARS and universities)
- WP3. Site testing of tools in wide range of context by local partners and feedback
- WP4. Synthesis

Tools Applied to Compare Local, Science and Policy Knowledge

RABA

Rapid Biodiversity Assessment

RaCSA

Rapid Carbon Stock Assessment

RHA

Rapid Hydrological Assessment



RMA

Rapid Marketing Assessment

RATA

Rapid Tenure Conflict Assessment

PALA

Participatory Landscape Appraisal

FALLOW

landscape-dynamics model which comprises the main annual dynamic processes

WaNuLCAS

Present tree-soil-crop interactions in a wide range of agroforestry systems

Expected Outputs

- Cost-effective INRM case studies
- Local capacity on trade-off analysis to support evidence-based INRM negotiations and ex-ante impact assessments
- A Negotiation Support Toolbox (NST) of appraisal instruments, and trade-off and scenario-based models tested and integrated.

Testimonial from Training

"On the first day I had mixed feelings, I was a stranger to this new terminology (lek-mek-pek) when I entered the room. Little-by-little I learned to appreciate the beauty of this workshop: to internalize these tools can be of great help to me as a provincial planning officer. It could really help our administration in identifying problems and programs. Thanks to all."