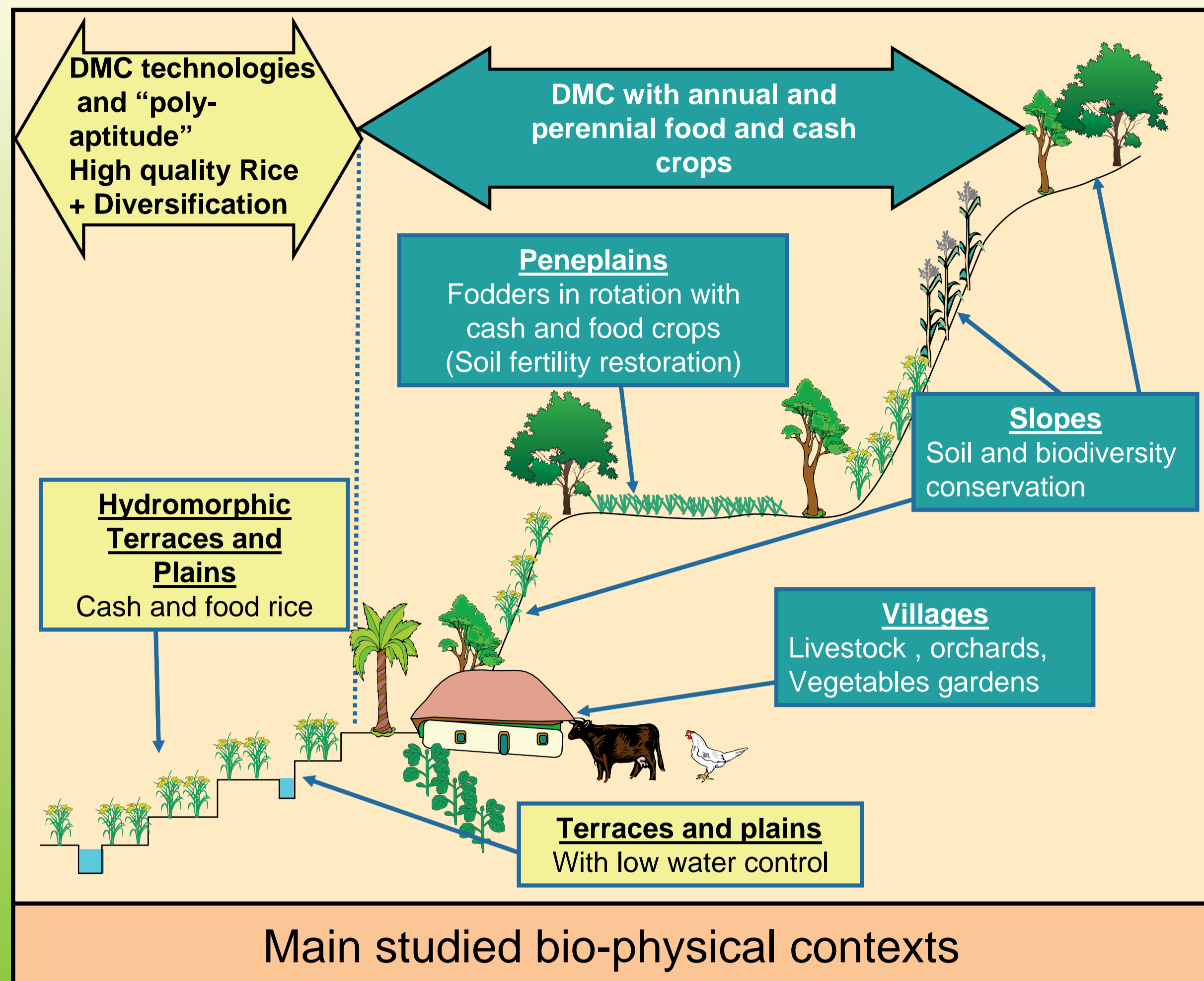


Direct seeding Mulch based Cropping systems (DMC) in Lao PDR

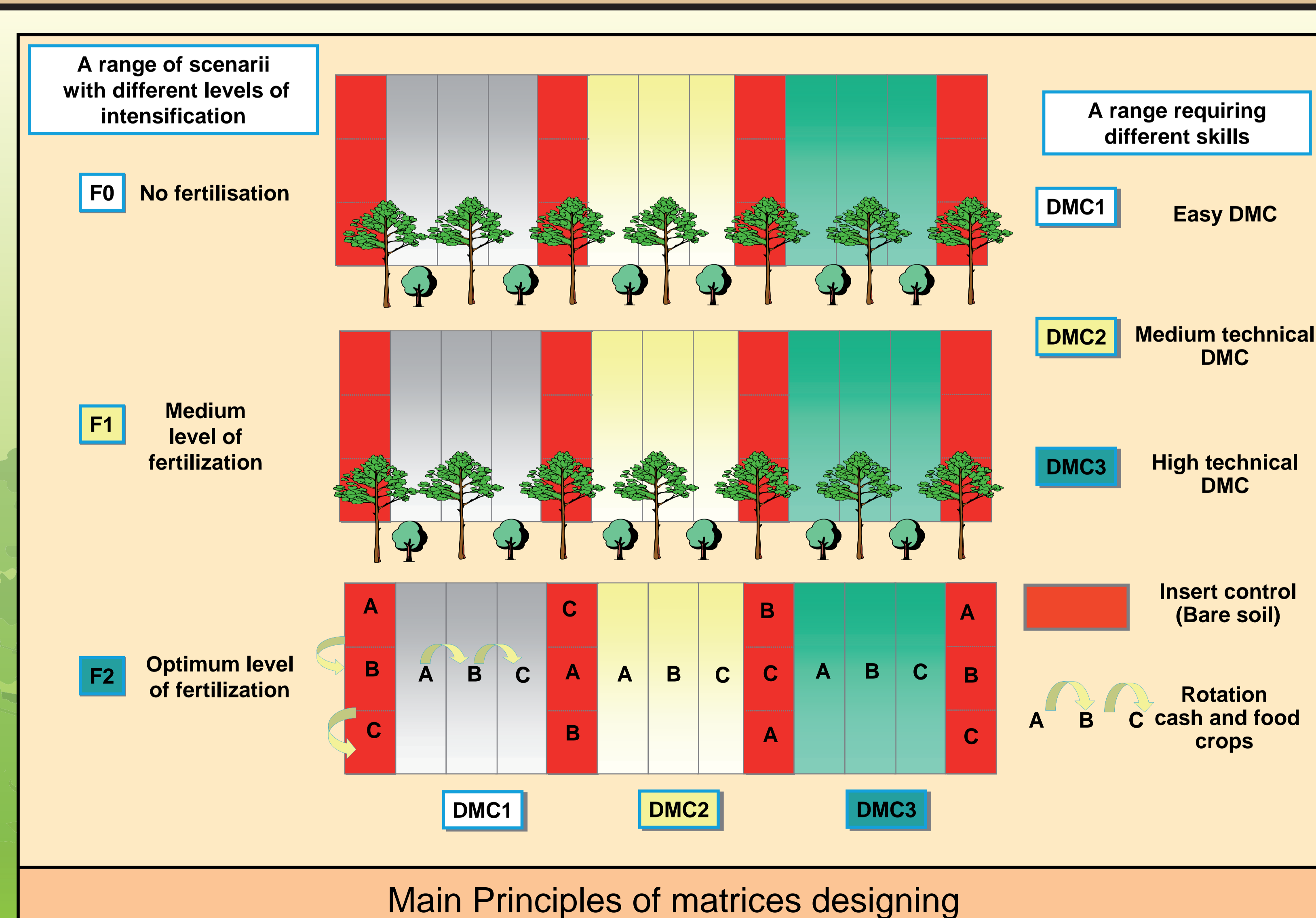
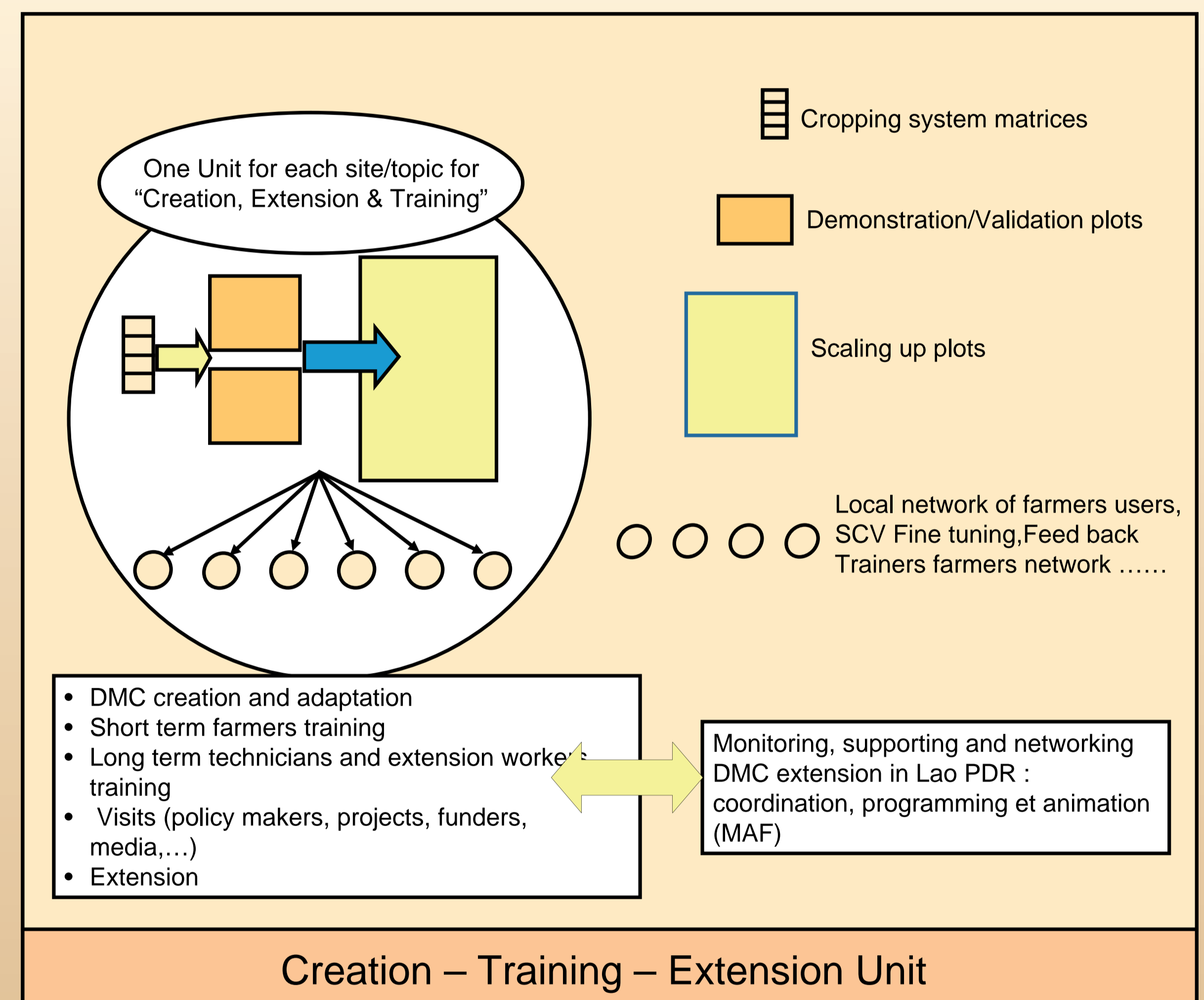
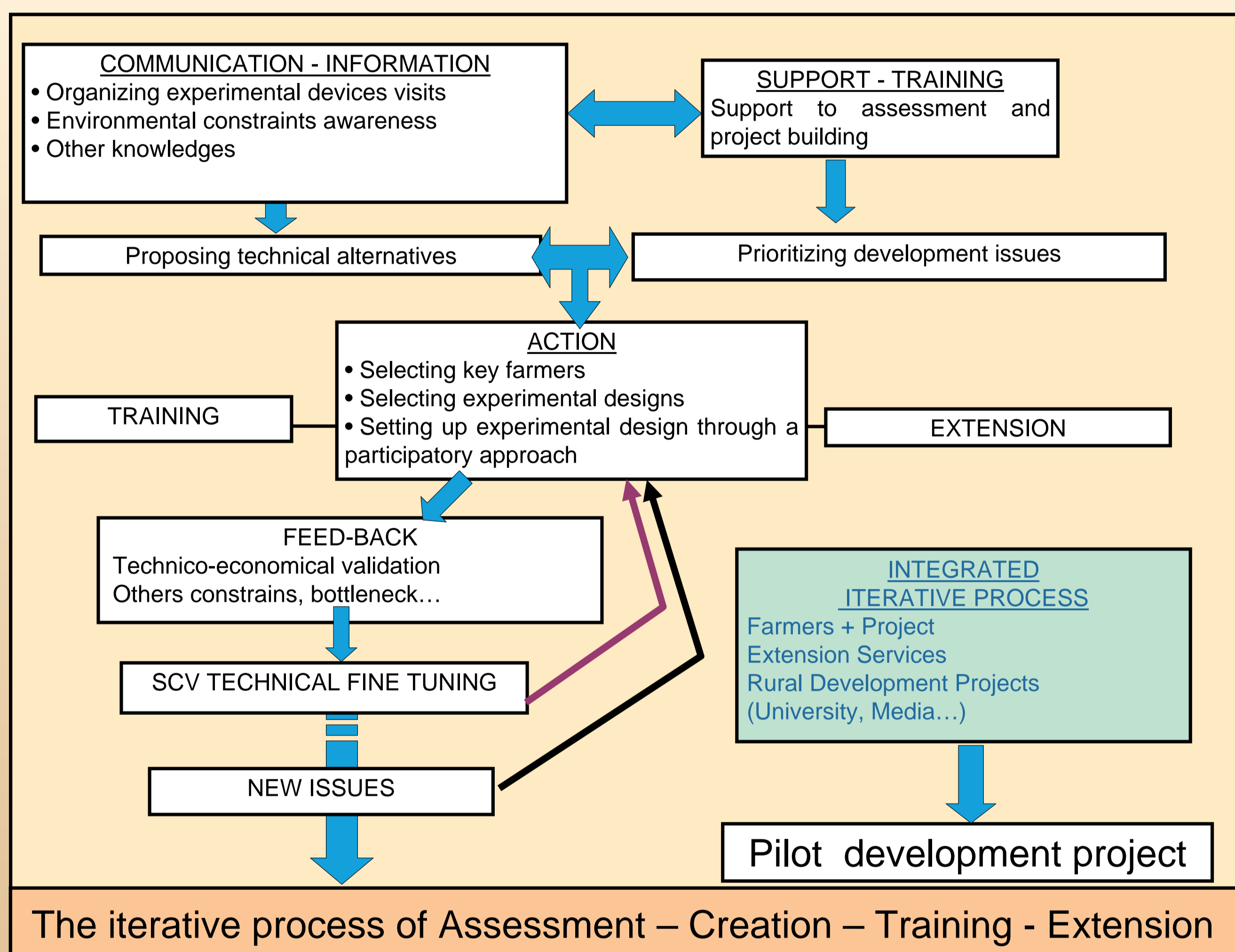
A Holistic Approach to Generate, Adapt, Validate and Disseminate Technologies with Smallholders

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This approach, based on knowledge of local farming systems and environmental conditions is composed of five components:

- Initial assessment: agro-economic and social diagnosis of farming systems, human and physical environments provides a basis for generating technologies adapted to smallholders' strategies and environmental conditions.
- Setting up medium-term experimental units where conventional systems are continuously compared with DMC systems based on available technologies, and innovative DMC systems based on new technologies and inputs.
- Adaptation and validation by smallholders of DMC systems and simple technologies on-farm implementation with farmer groups and with a community-based approach which focuses on the adoption of technologies at village level, taking into account collective land management.
- Permanent training for smallholders, extension agents and information provision to policy makers.
- Follow-up and analysis of the conditions of extension and adoption by farmers.



Demonstration plots at Botene - Xayabury Province

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