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# Developing a sustainable cassava seed system through rapid multiplication technologies



Webinar Series No 2

Dr. Jonathan Newby

Cassava Program Coordinator for Asia





Australian Government  
Australian Centre for  
International Agricultural Research



RESEARCH  
PROGRAM ON  
Roots, Tubers  
and Bananas

# Establishing sustainable solutions to cassava disease in mainland Southeast Asia

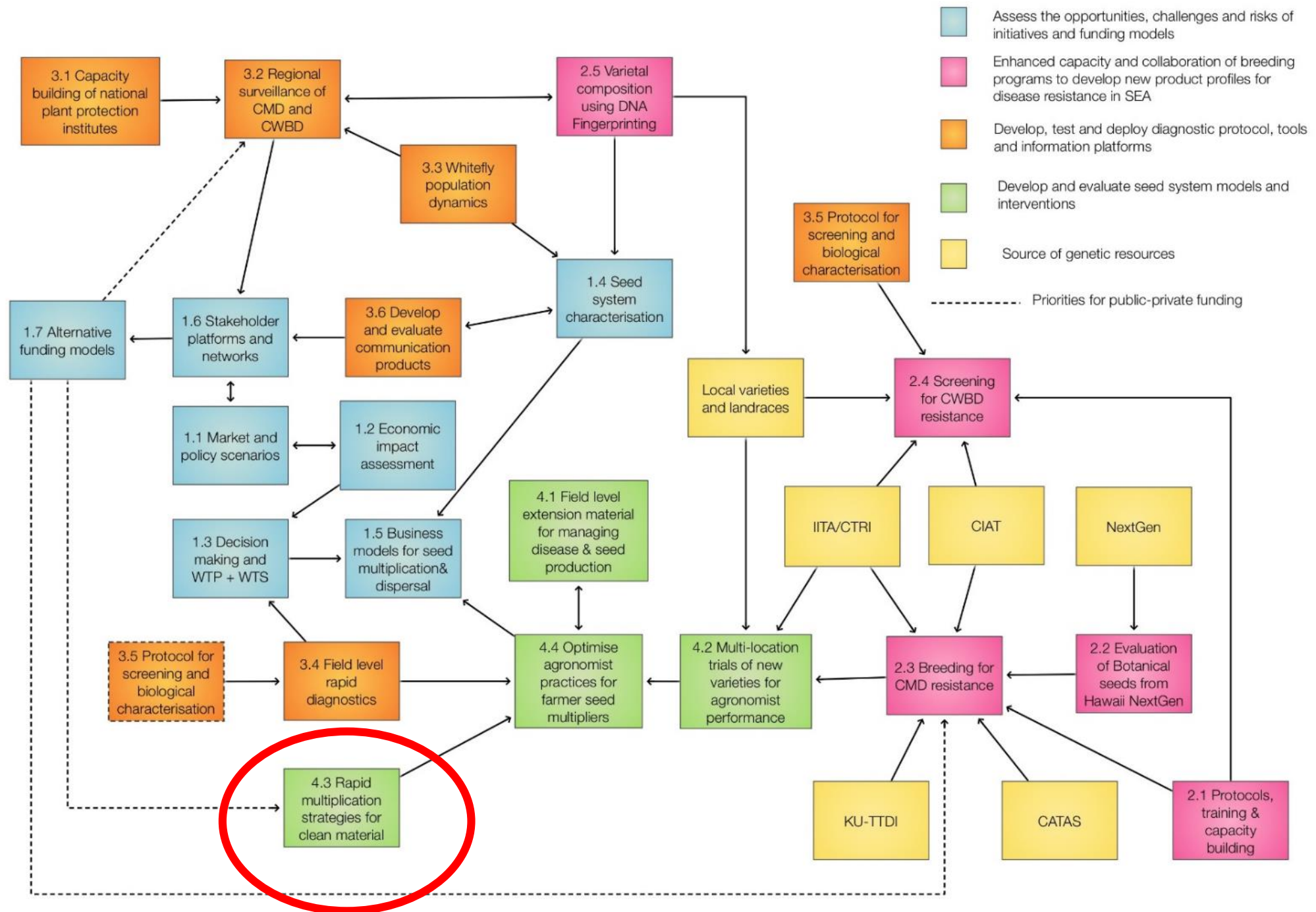


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**4.3 Develop and evaluate rapid multiplication models and strategies for the effective and efficient production of clean seeds and rapid dissemination of new varieties through the seed system**

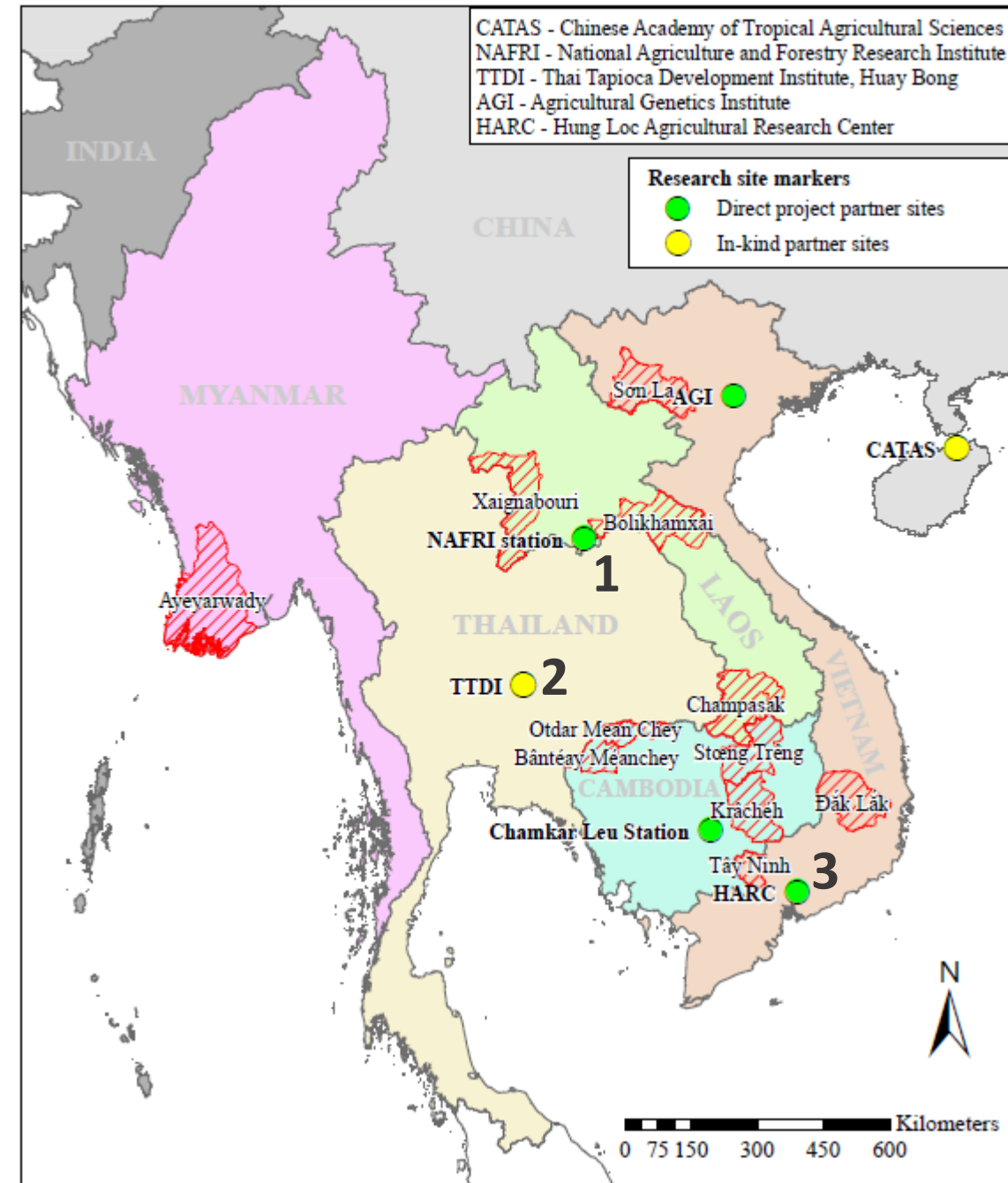
Investigate alternative models for public-private funding of core activities at a local, national and regional scale to ensure sustainability of interventions.

Optimize agronomic practices (variety, density, fertilizer) for the economic production of both cassava roots and clean planting material in different agro-ecological and value chain contexts for the development of sustainable farmer seed producers.

Develop innovative business models to strengthen the value chain for the production and movement of 'clean' (and later resistant) planting material from suppliers to purchasers

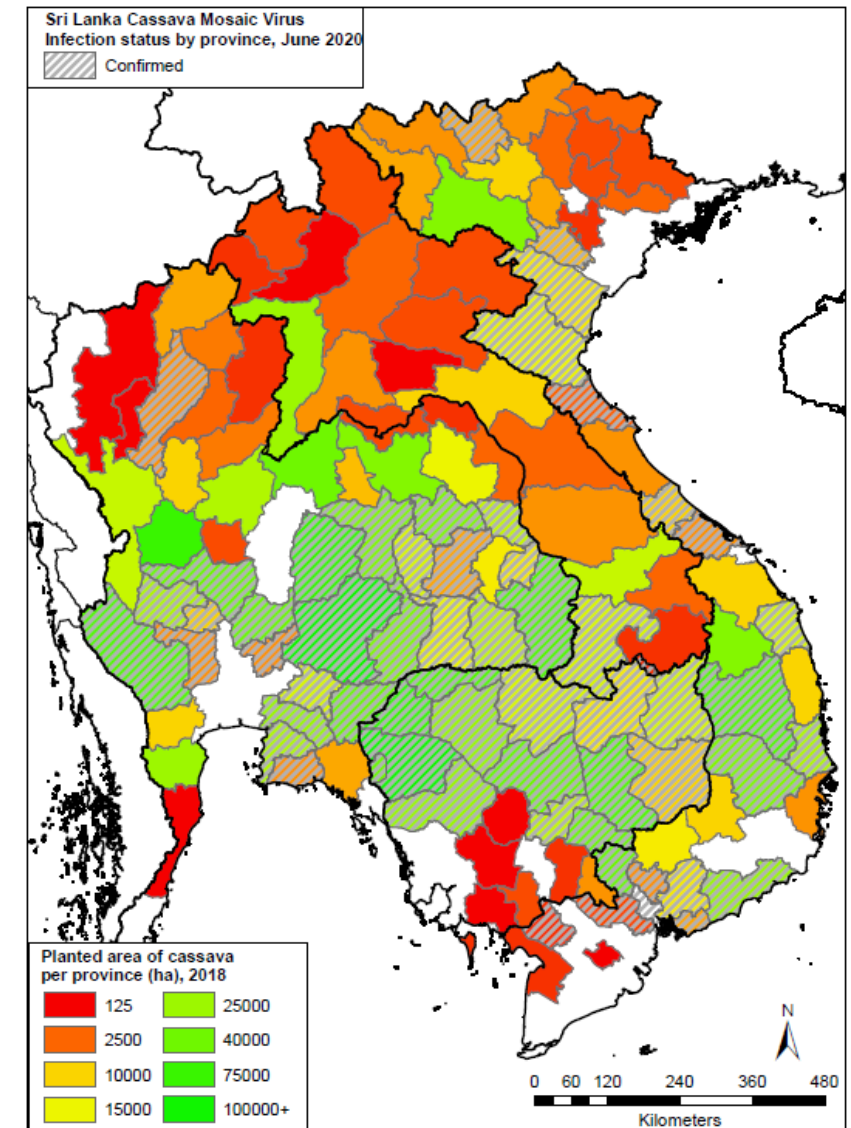
# Locations of case studies

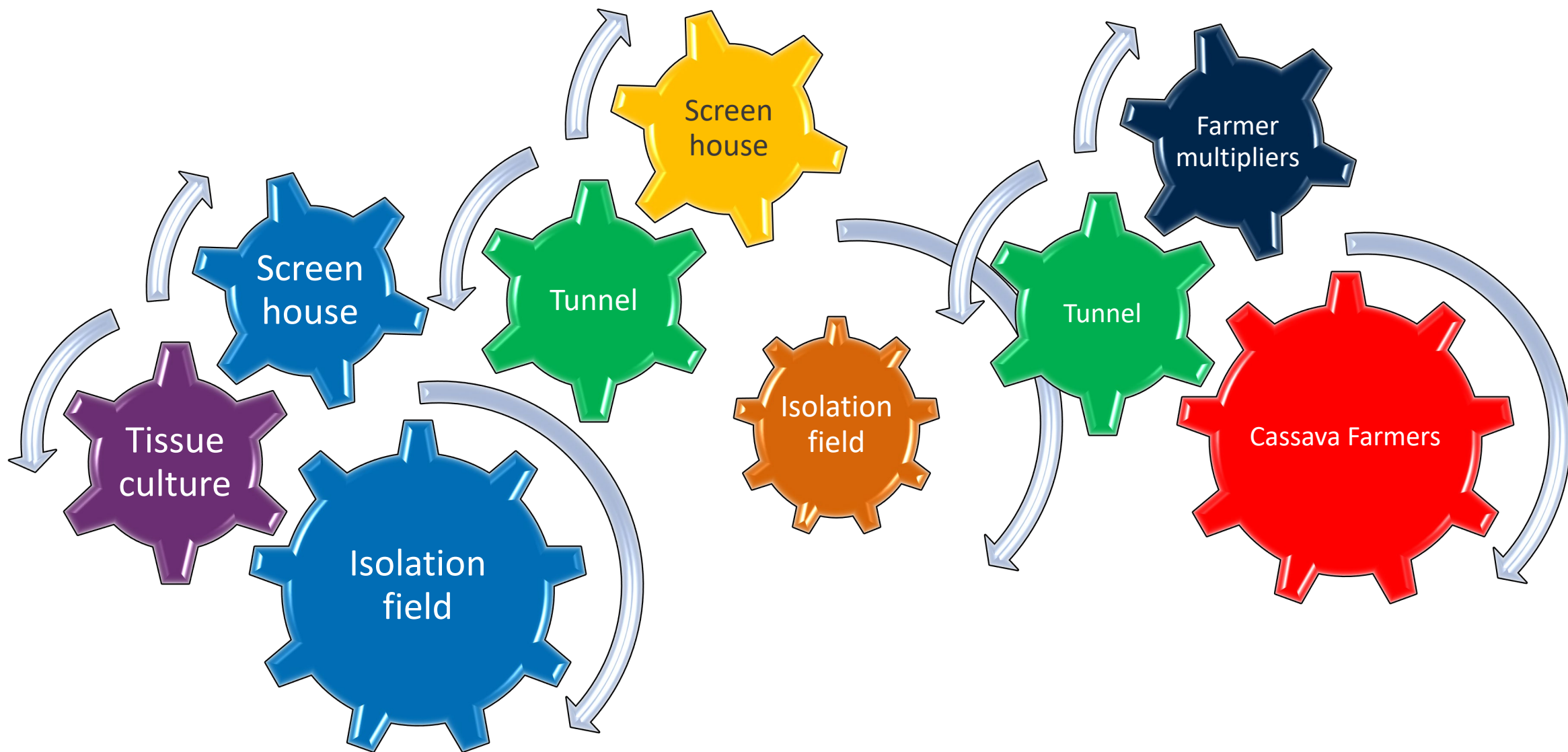
1. NAFRI, Lao PDR
2. TTDI, Thailand
3. HLARC, Vietnam



# Status of CMD in Mainland SE Asia

	First reported	Number of provinces	Estimated cassava area	Impacted area
Cambodia	May 2015	14	587,119ha	~205,500ha
Vietnam	May 2017	19	519,300 ha	~57,000ha
Thailand	July 2018	25	1,048,658ha	~56,335 ha
Lao PDR	July 2020	2	101,494 ha	10-20ha
Myanmar	NA	0	33,387ha	NA ?
Total		60	<b>2,289,958ha</b>	<b>319,000ha+</b>





# Program for the webinar

1. Multiplication tunnels in Laos – Dr. Imran Malik (Alliance/CIAT)
2. New rapid multiplication system in Thailand– Dr. Wannasiri Wannarat (Kasetsart University in partnership with TTDI)
3. Experience with rapid multiplication in southern Vietnam – Nhạn Phạm (HLARC)
4. Reflection from CIAT Colombia – Roosevelt Escobar

Discussion

# Lots of lessons and ideas to be shared

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