

Community-based adaptation to climate change to strengthen resilience (EC,KZN, Limpopo)

November 2022-
August 2025



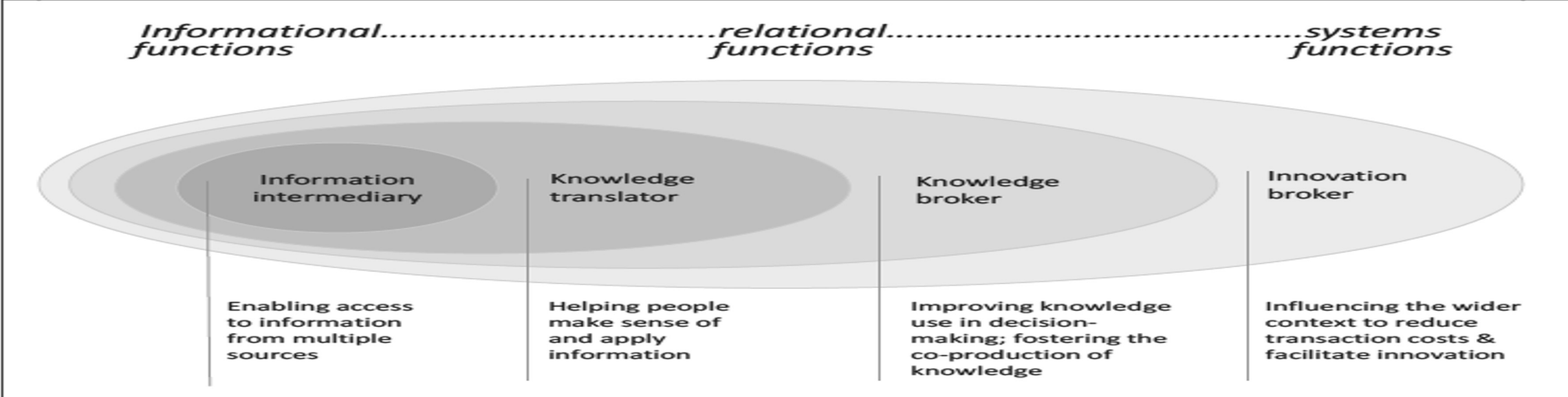
mahlathini
development foundation



Institute of
Natural Resources



Smallholder CCA decision support system: individual and facilitated



Activities and processes	Local good practice	Climate Change dialogues	Farmer level experimentation to test practices	CoPs and innovation platforms
	Best practise options	Impacts of CC	Introduction of new practices and ideas to try	Benchmarking for visual indicators
	Stakeholder engagements	Adaptive strategies	Learning and mentoring	CRA learning groups
	Materials and information	Prioritized practices	Assessment of outcomes and impacts	
	Internet based platform	CRA best practice	Cyclical, iterative learning and implementation	

Facilitator-Farmer Decision Support System

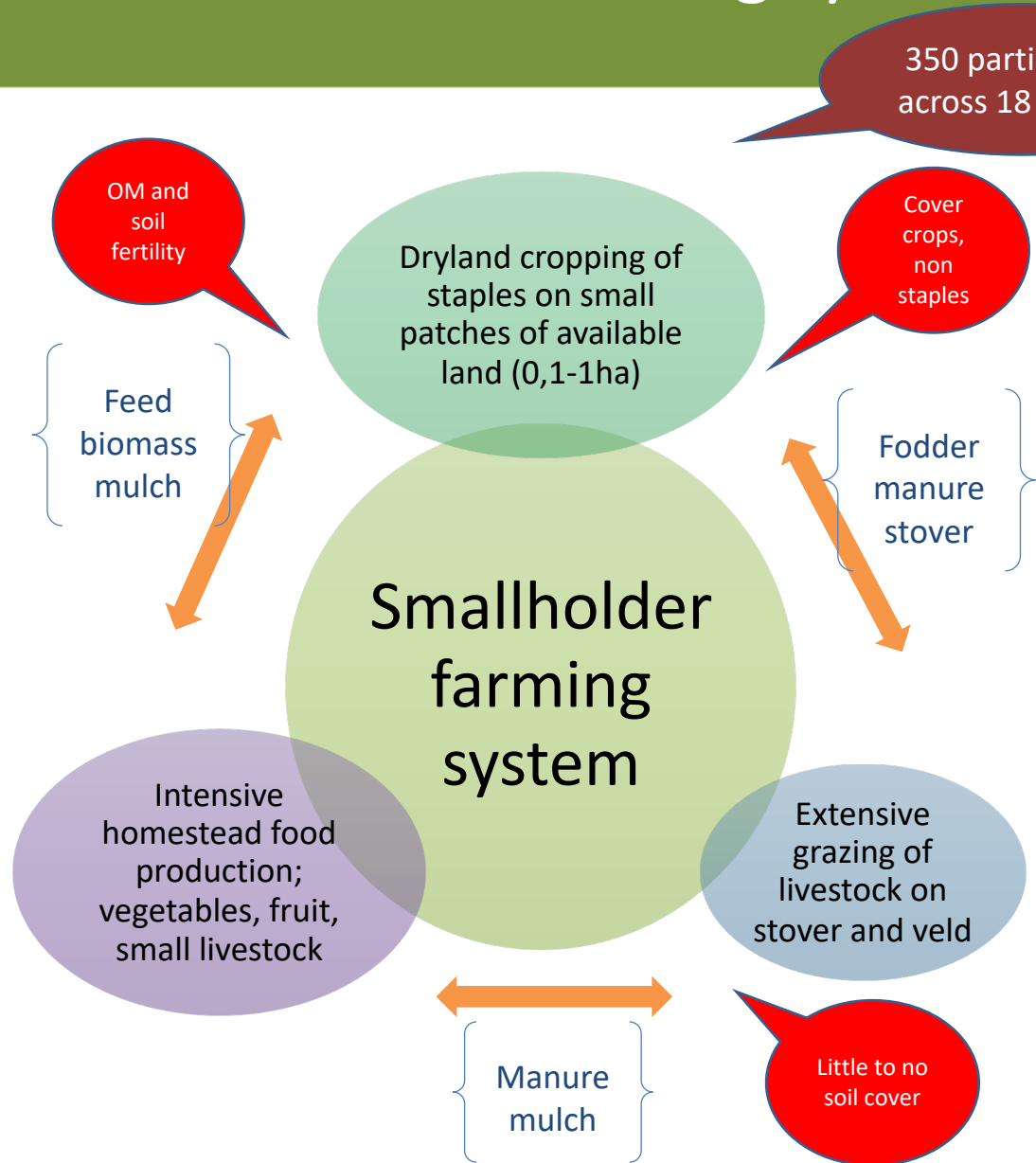
Research areas

Climate Resilient Agriculture learning groups (525 direct beneficiaries) 9 new learning groups – 3 per province... plus 18 existing groups



AREA	EXISTING VILLAGES (YELLOW PINS)	NEW VILLAGES (RED PINS)
Eastern Cape (EC)-Matatiele	Nkasela	Mzongwana
	Nchodu	Nyaniso
	Nkau	Mehloloaneng
Southern kwaZulu Natal (SKZN)	Madzikane	Contocow
	Spring valley	
	Ngongonini	
Midlands (Central KZN)	Ozwathini	Hlathikhulu
	Mbalenhle	
	Etsheni	
Bergville (Nortern KZN)	Ezibomvini	Mhlwazini
	Vimbukhalo	
	Stulwane	
Limpopo (Mameja- Lower Olifants)	Sedawa	Worcester
	Willows	Mohlaba
	Turkey	Mambangu

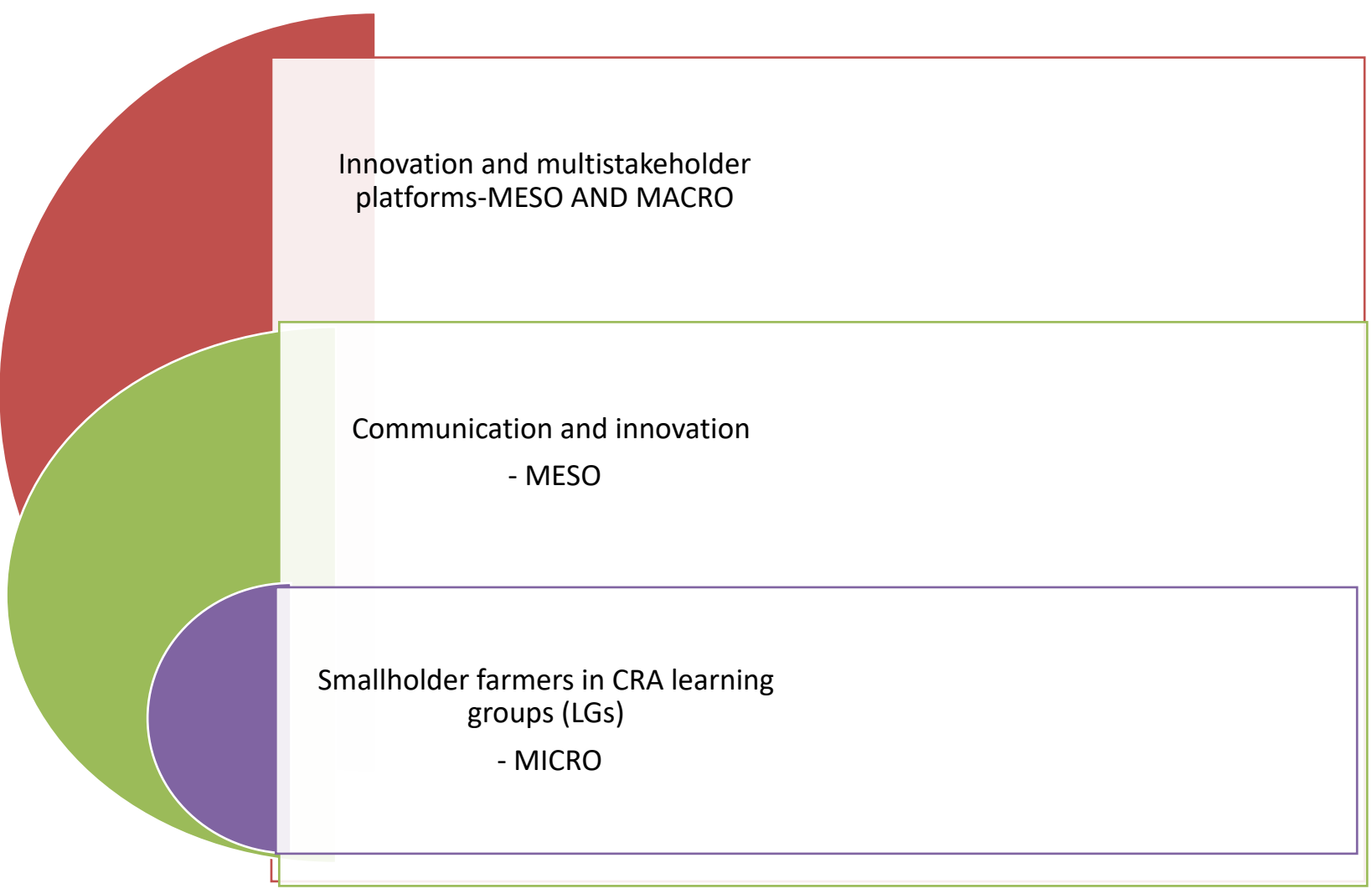
The smallholder farming system



350 participants across 18 villages



CoPs



Project measures

Measures	2022- 2023				2024				2025			
5.2.1 Implementierung von Communities of Practice (CoP)												
Introductory 2-day workshops for learning groups (LG) at village level in 3 provinces	X			X	X		X					
LG establishment; Roles, responsibilities, visioning and planning: 2-day workshops for 9 LGs in 3 provinces.		X	X			X		X				
Climate resilient agriculture training and capacity development for 9 new learning groups across three provinces - 3 days/group/ year			X	X		X	X	X	X			
Cyclical implementation of the LG at the village level: Implementation and mentoring for climate-adapted agriculture for 27 learning groups at village level; Development of local marketing initiatives (3) & local food security initiatives (building value chains, seed banks, etc.); Community-based management measures for natural resources		X	X	X	X	X	X	X	X	X	X	
Entrepreneurial support for Food Security: village savings and loans associations and local marketing support and development		X	X	X	X	X	X	X	X	X	X	
Cyclical implementation of innovation platforms and multi-stakeholder networks; Implementation and capacity development for innovation (3) and multi-stakeholder platforms (3); meetings and cross visits				X				X				X
5.2.2 Development of an M&E toolbox and a handbook												
Development of M&E instruments and indicators			X		X		X		X			
Development of the Handbook for Community-Based Adaptation to Climate Change											X	X
Regular M&E by MDF together with smallholder farmers		X		X		X		X		X		X
Seasonal evaluation by learning groups at village level (18)				X		X		X		X		X
Participatory assessments improved climate resilience for a selection of learning groups at village level (18)				X		X		X		X		X
5.2.3 Sustainable water management												
Development and implementation of institutional structures such as water management committees (6(X	X	X	X	X	X	X	X	X	X	
Development of 3 concepts for sustainable access to water				X				X		X		X