

# Scaling up Locally-Led Adaptation in Agriculture

Insights from Australian  
Collaborations in Asia and the Pacific

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Australian Centre  
for International  
Agricultural Research

**Australian  
Aid** 

# LLA in Australia

- Started by ~2007
- Local govts & rural communities facing coastal erosion, drought & bushfire risk
- Formal recognition in 2012
- About necessity not justice – significant local variation required locally differentiated responses
- Mainstream it especially in coastal planning and regional natural resource management (integrating ag & biodiversity)
- Many researchers involved also worked in international development leading to cross-fertilisation
- PNG, Indonesia, Ethiopia, Vietnam, Solomon Islands



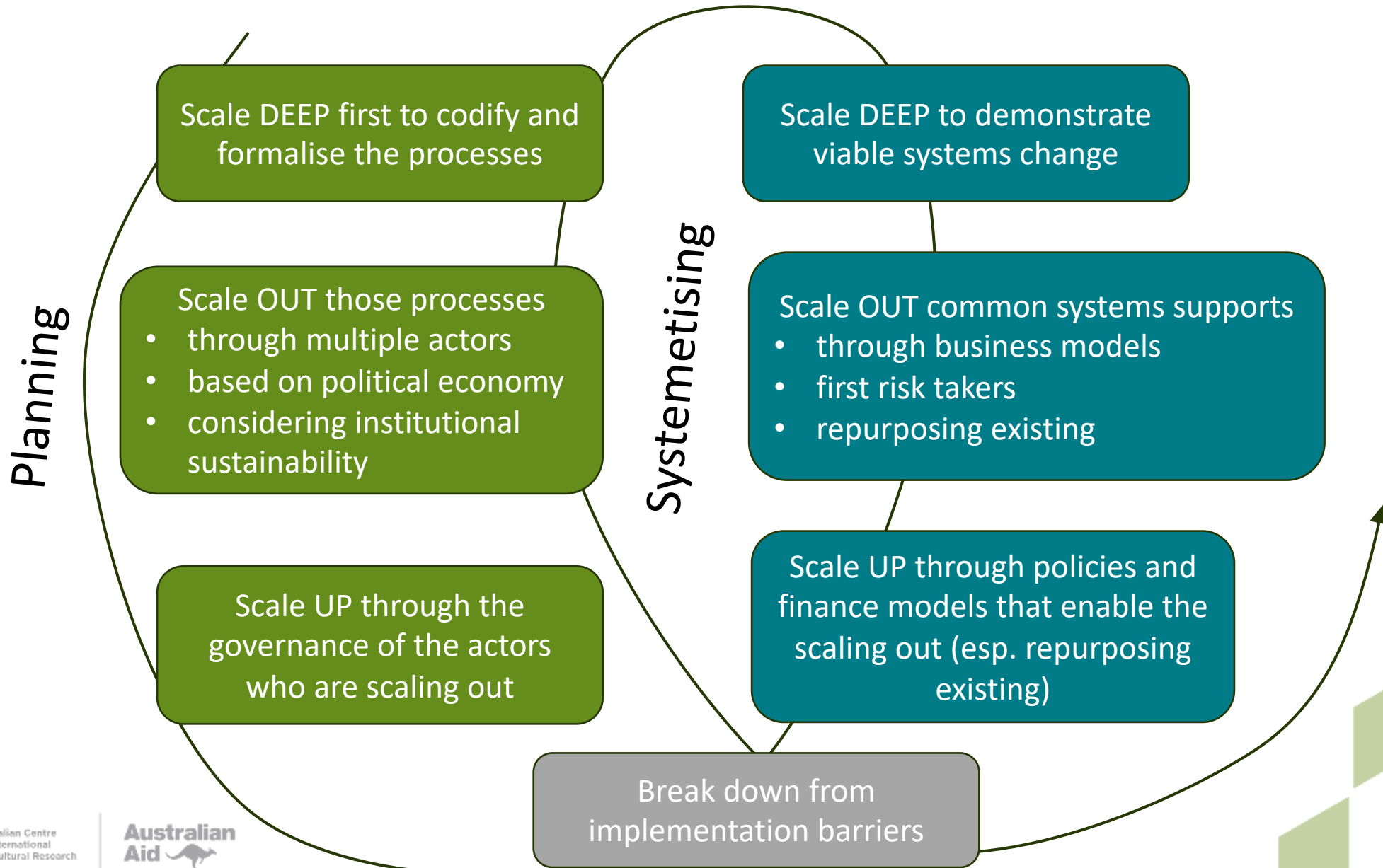




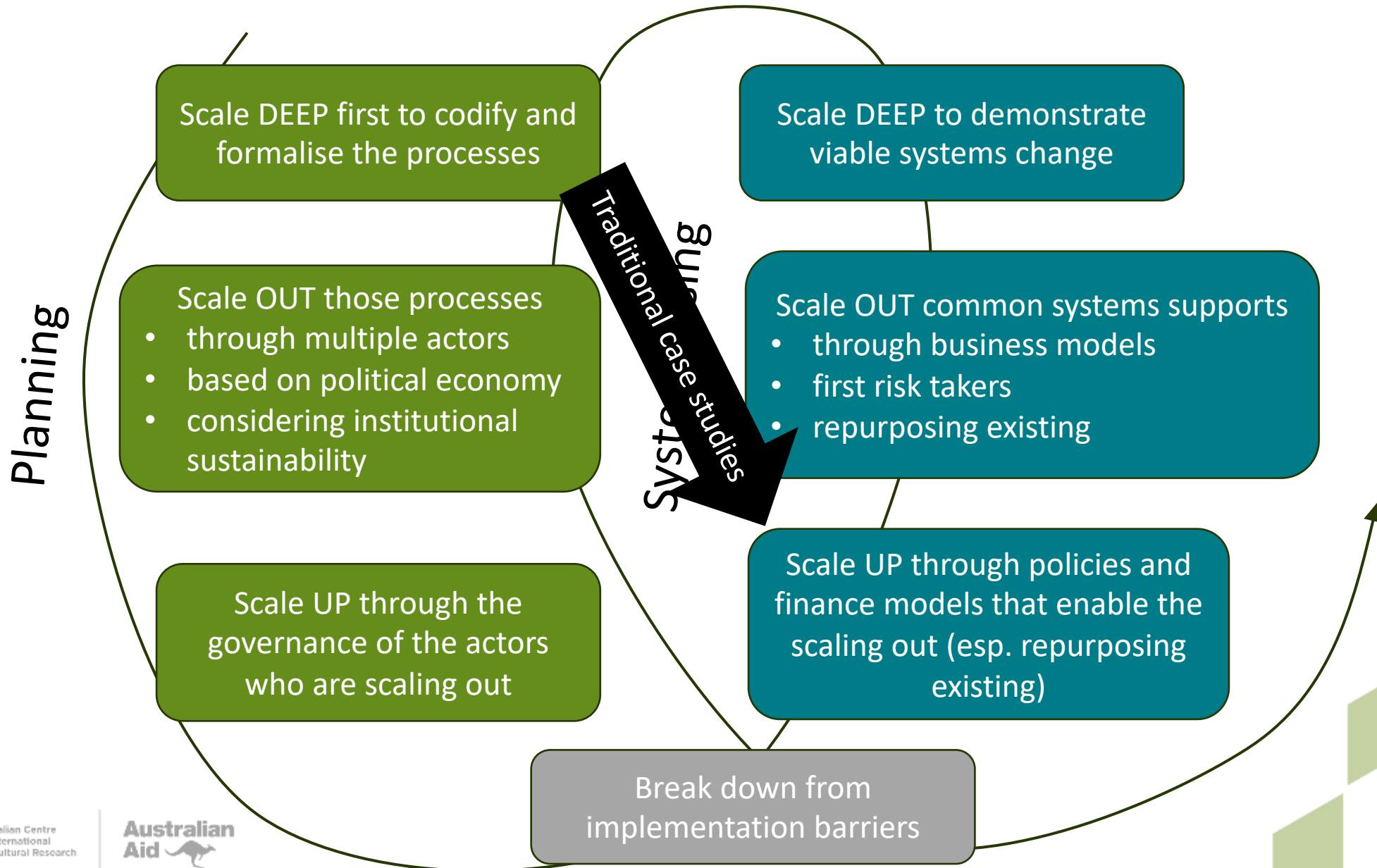
# LLA through ACIAR's Climate Change Program

- ACIAR primed for LLA based on partnership & delivery model
- 2020-2023: Design & contract series of investments to collectively advance the science & practice of 'systems transformation'
- Leveraging what Australian adaptation experience & expertise can contribute to partnerships
  - 8 specific problem/opportunity contexts
  - Adaptation pathways = adaptation is an *ongoing* decision-making process!
  - Requires multiple 'systems actors' to be aligned (locally-led, regionally supported, nationally enabled) – govt and private sector

# What has emerged collectively so far about scaling?



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# Uamari in Kiribati, Future Kai Kai in Solomon Islands



James Butler  
Alaric McCarthy  
Federico Davila

# Uamari in Kiribati, Future Kai Kai in Solomon Islands



Scale DEEP first to codify and formalise the processes

Scale DEEP to demonstrate viable systems change

Scale OUT those processes

- NGOs WWF, Live & Learn
- Broker Network

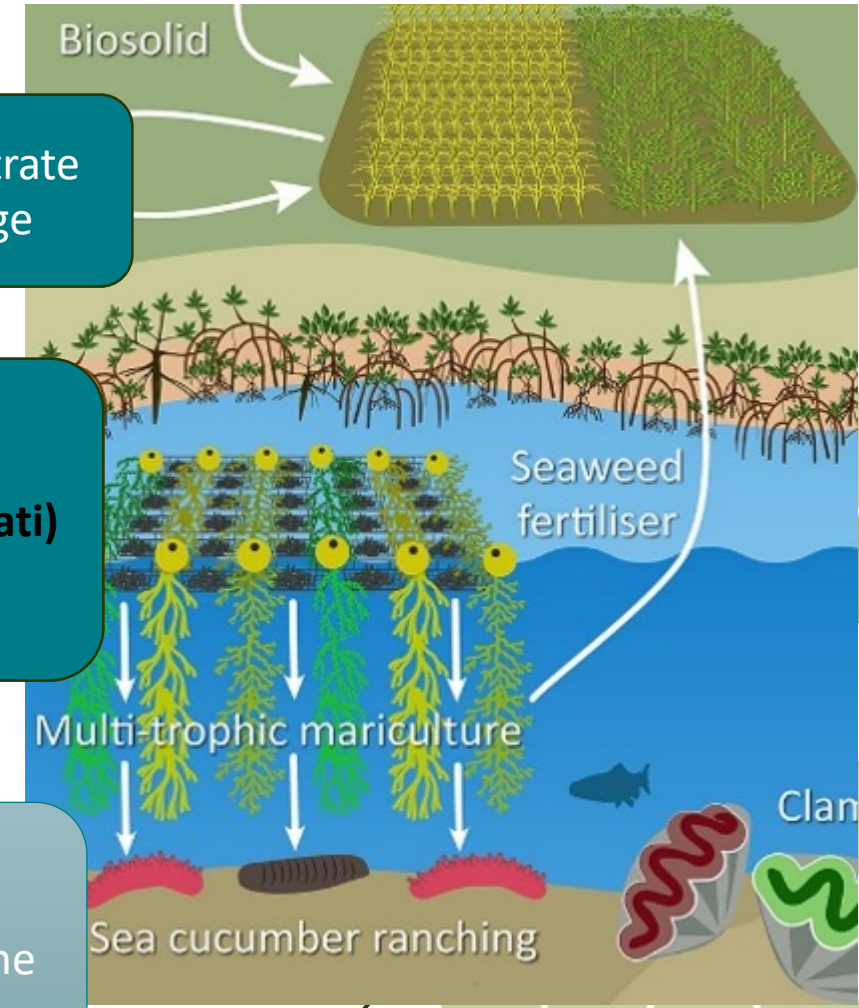
Scale OUT common systems supports

- National govt (Kiribati)
- Build around sea grapes (SI)

Scale UP through

- NGO CEOs
- Pacific Climate Change Centre

Scale UP through policies and finance models that enable the scaling out (esp. repurposing existing)





# Paribartan in southern coastal Bangladesh



Amjath Babu  
Christine King  
Juel Mahmud  
(Tasfia Tasnim)



# Paribartan in southern coastal Bangladesh



Scale DEEP first to codify and formalise the processes

Scale DEEP to demonstrate viable systems change

Scale OUT those processes

- **NGO Shushilan**
- **Ag extension officers**
- **Water group peer learning**

Scale OUT common systems supports

- **Living Libraries**
- **Extension support for business models**
- **Using local govt**

Scale UP through:

- **Shushilan leadership**
- **DG of Dept of Extension**
- **Water Development Board**

Scale UP through policies and finance models that enable the scaling out (esp. repurposing existing)



# Key Messages & Questions

- *Processes* for decision-making & ‘system supports’ are what scale
  - Scale DEEP first, then align OUT & UP (because UP is to enable OUT)
  - Very contextualised to national to provincial-scale political economy
  - Include local *systems* change with multiple actors to implement not just plan from the beginning
  - Not sequential – start ‘everything, everywhere, all at once’
  - Be prepared for imperfection so plan to learn!
- 
- Does this match your thinking and experiences? What are we missing? What else have you tried?





# Thank you

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PICs: circularity & intensification under increasing resource constraints



PNG: carbon markets for coffee farming systems change



Philippines: extension modalities for social equity & systems resilience



Indonesia: governance of peatland socio-ecological landscapes



Vietnam: mangrove-based agri-business in inundated coastal Mekong Delta



Bangladesh: institutionalising LLA in water management groups in polders



Pakistan (Sindh): community leadership & policy support for whole-of-livelihoods adaptation



Kenya: deepening climate rationale & pathways in regreening efforts

