

Putting pathways into practice



Wellbeing

EDUCATIONAL AND NUTRITION PROGRAMS

FOOD SECURITY

Actions	Programs already implemented, 2012
1. Children must attend school, and teachers, officers and parents must lead by example.	1. WILP Education Officer Program (National Food Security and Technical Education) (WILP-TE) at school level
	2. WILP-TE at school level
	3. WILP-TE at school level
	4. WILP-TE at school level
	5. WILP-TE at school level

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Outline

- Three examples from development
- Some lessons learned
- Principles for pathways practice in development

Pathways planning in development

- Rapid change
- Multiple interacting drivers of change, including climate
- Decision-making capacity low or fragmented
- Generally top-down planning processes
- The most vulnerable are the most marginalised
- Difficulty for many to envisage the future
- Multiple development initiatives and interests
- Wide option space but risk of creating path-dependency
- High risk of mal-adaptive decisions

1. Community development, Indonesia

Objective: to integrate pathways approach and tools into existing community development planning process, *musrenbang*



Butler et al 2016 Building capacity for adaptation pathways in eastern Indonesian islands. *Climate Risk Management* vol. 12
Butler et al 2014. *Global Environmental Change* 28:368-382

1. Community development, Indonesia



No regrets strategies



No regrets strategies

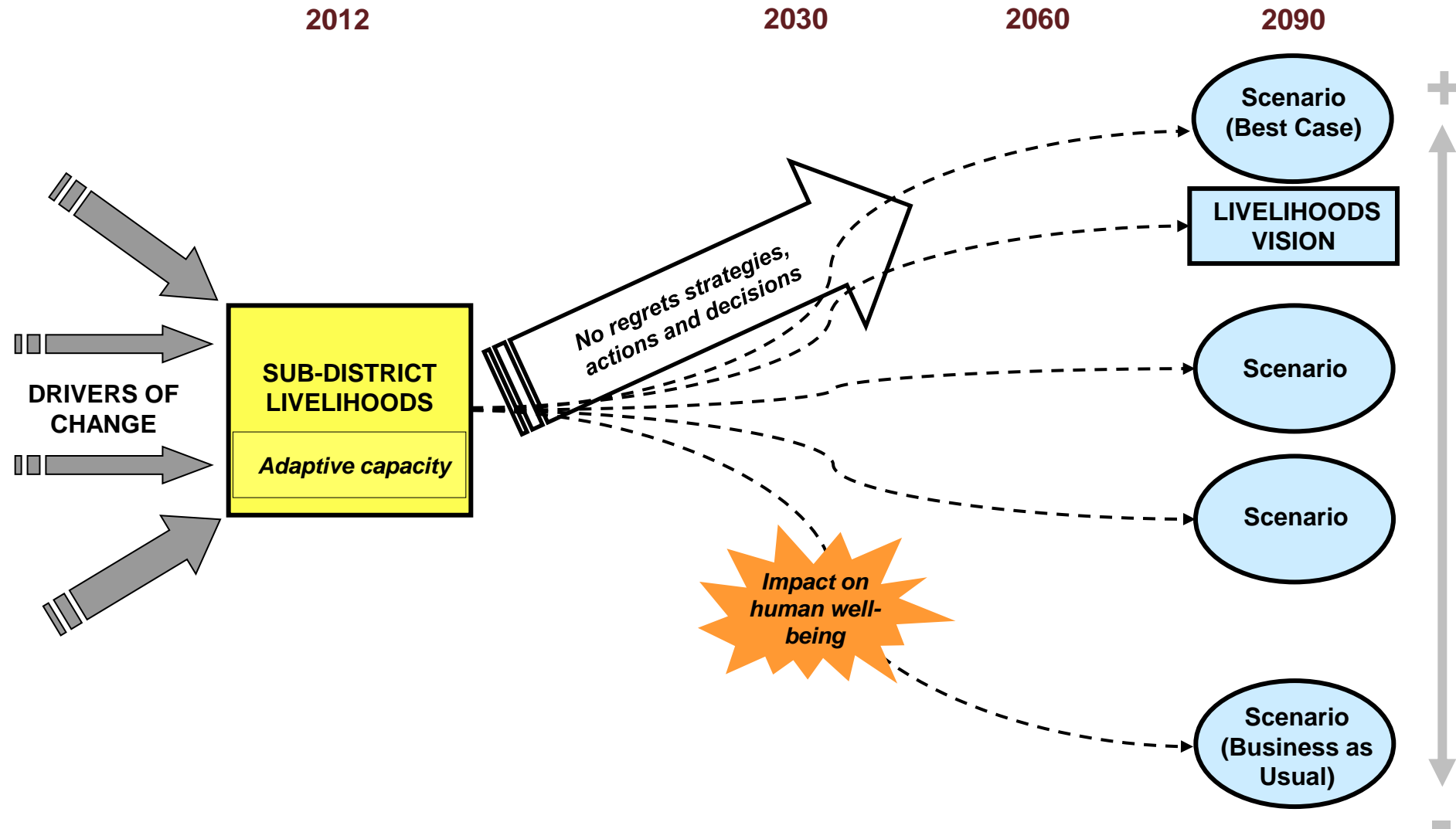


No regrets strategies

4. Integration, prioritisation and program evaluation

1. Community development, Indonesia

Scenario planning workshop process



1. Community development, Indonesia

Integration, prioritisation and program evaluation

Women's group Women's group Food Security Department Bureau of Meteorology and Geophysical Science

Assessment Institute for Agricultural Technology



Farmer

Village Head

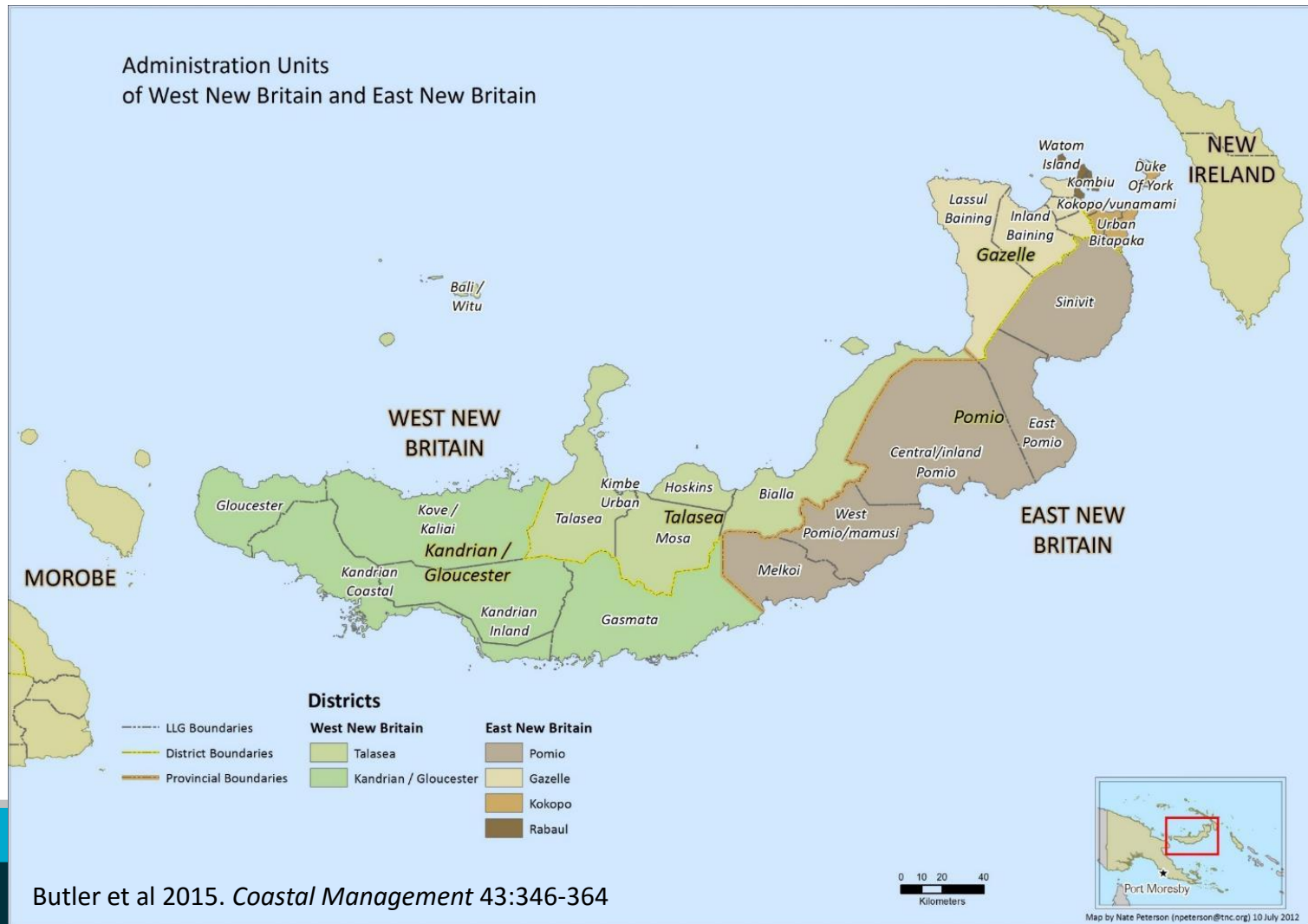
1. Community development, Indonesia

Integration, prioritisation and program evaluation

Development programs	Priority no regrets strategies			
	1	2	3	4
	Meet irrigation and domestic water needs	Secure the availability of food	Improve religious guidance and family planning	Increase access to information
NTB Department of Coastal and Fisheries	Red	Red	Red	Red
NTB Department of Forestry	Green	Green	Red	Red
NTB Department of Agriculture	Green	Green	Green	Red
NTB Environmental and Research Office	Green	Red	Red	Red
NTB Department of Plantation	Red	Yellow	Red	Red
Central Lombok Environmental Office	Yellow	Green	Purple	Red
Central Lombok Dept. Forestry	Green	Green	Purple	Red
Central Lombok Dept. Coast and Fisheries	Red	Green	Red	Red
Central Lombok Agriculture and Livestock	Green	Green	Green	Red
National Program for Community Empowerment	Green	Green	Green	Green
Kecamatan	Green	Green	Red	Green
Desa Lekor	Green	Green	Red	Green
Desa Karembong	Green	Green	Red	Green
Desa Pendem	Green	Green	Red	Green
Desa Loan Maka	Green	Green	Red	Green
Samanta	Red	Red	Red	Red
WWF	Red	Red	Red	Red
World Food Program	Green	Green	Green	Green
Konsepsi	Red	Red	Red	Red

2. Community development, PNG

Objective: to integrate pathways approach and tools into community development planning

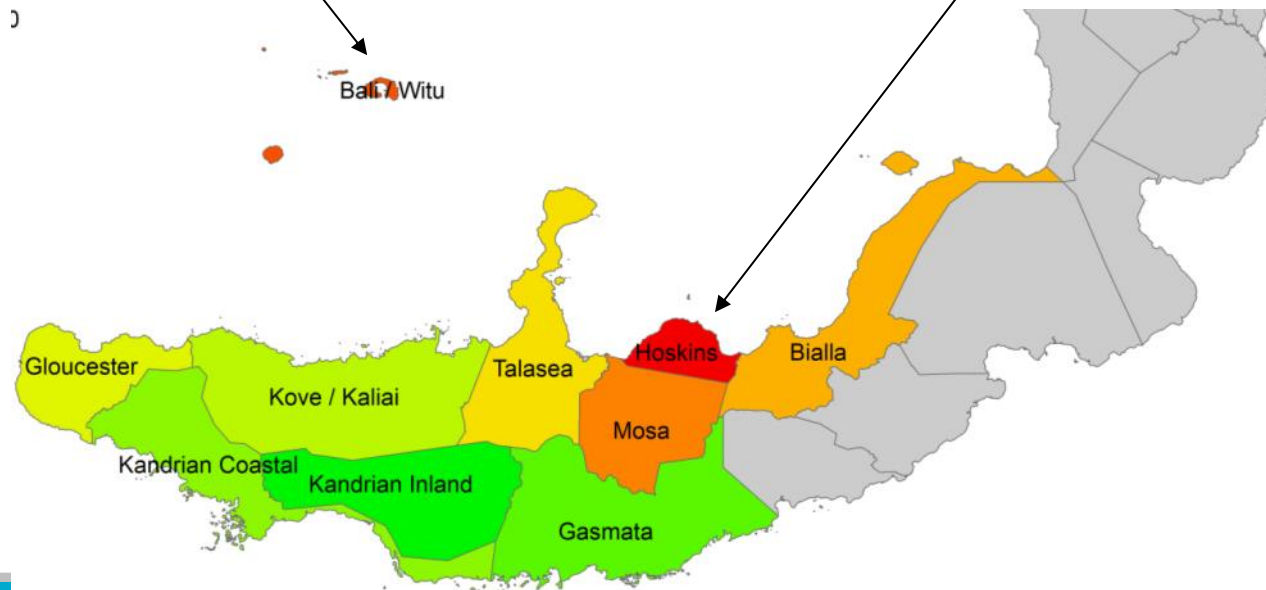


2. Community development, PNG

Sub-district climate compatible development plans

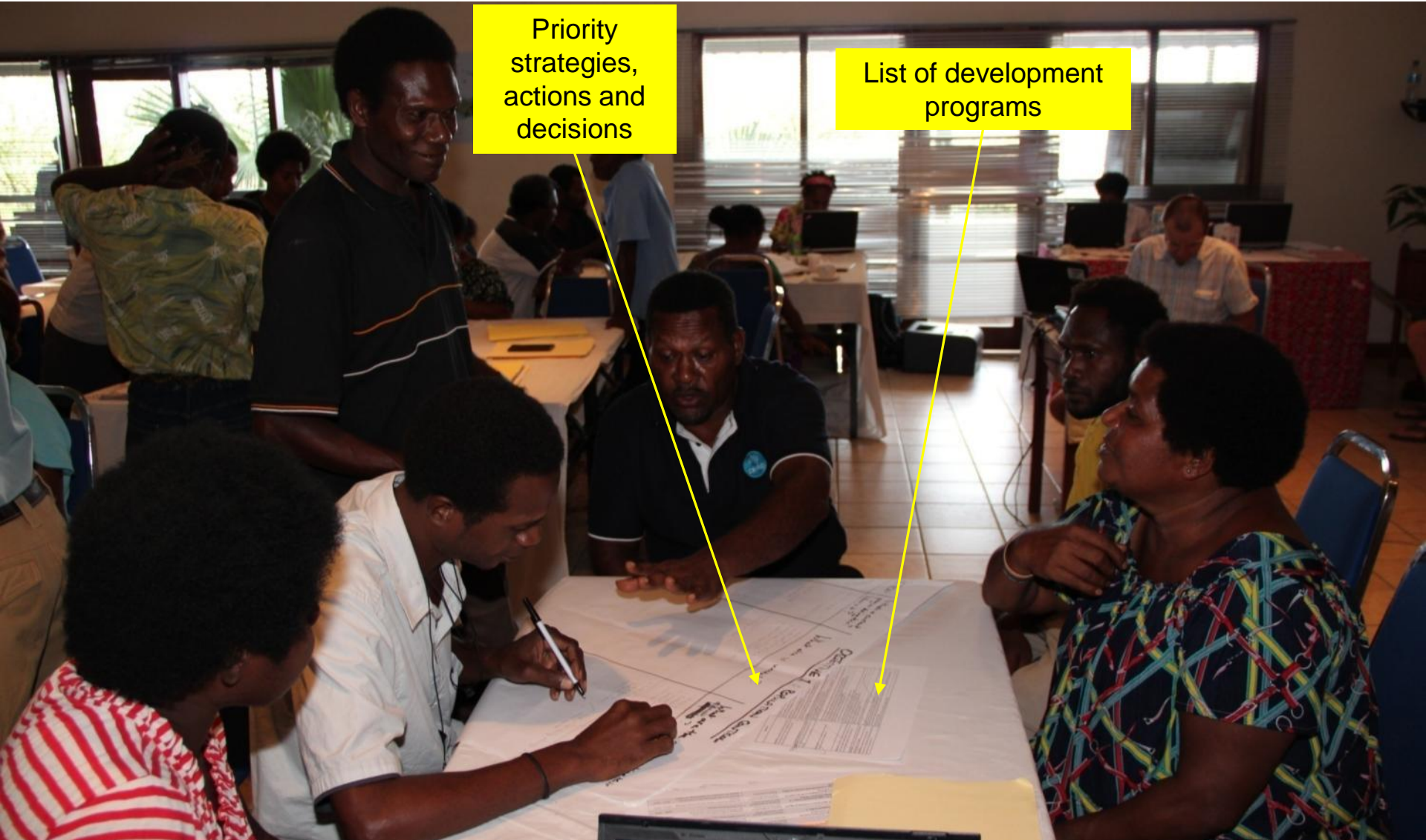
1. Gender-sensitive education
2. Introduce a '2-child policy'
3. Encourage emigration
4. Introduce land use planning and LMMAs
5. Introduce high-yielding crops (e.g. African yam)
6. Improve water and sanitation
7. Improve all levels of governance
8. Encourage traditional barter system
9. Build sea walls for areas exposed to sea level inundation

1. Family planning program to control population growth
2. Planning immigration to control population growth and mixed marriages
3. Increase variety and quality of food production
4. Community income-generating projects
5. Training for conflict resolution



2. Community development, PNG

Sub-district climate compatible development plans



Priority strategies, actions and decisions

List of development programs

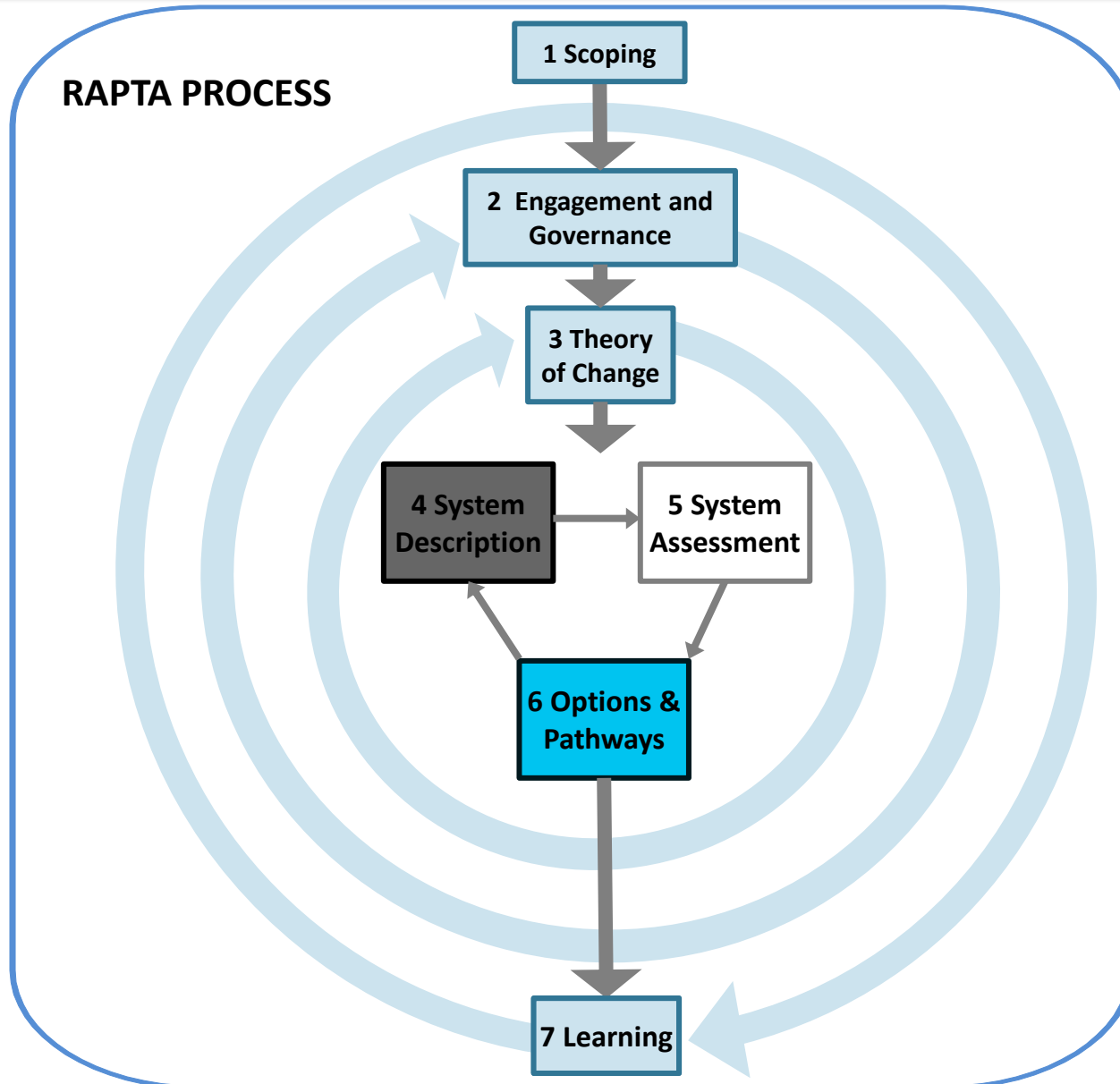
3. Food security programming, Ethiopia

Objective: to integrate a systems-based approach to GEF food security program design using Resilience, Adaptation Pathways and Transformation Assessment (RAPTA)

O'Connell et al 2015. Designing projects in a rapidly changing world: Guidelines for embedding resilience, adaptation and transformation into sustainable development projects (Version 1.0). Global Environment Facility, Washington, D.C.

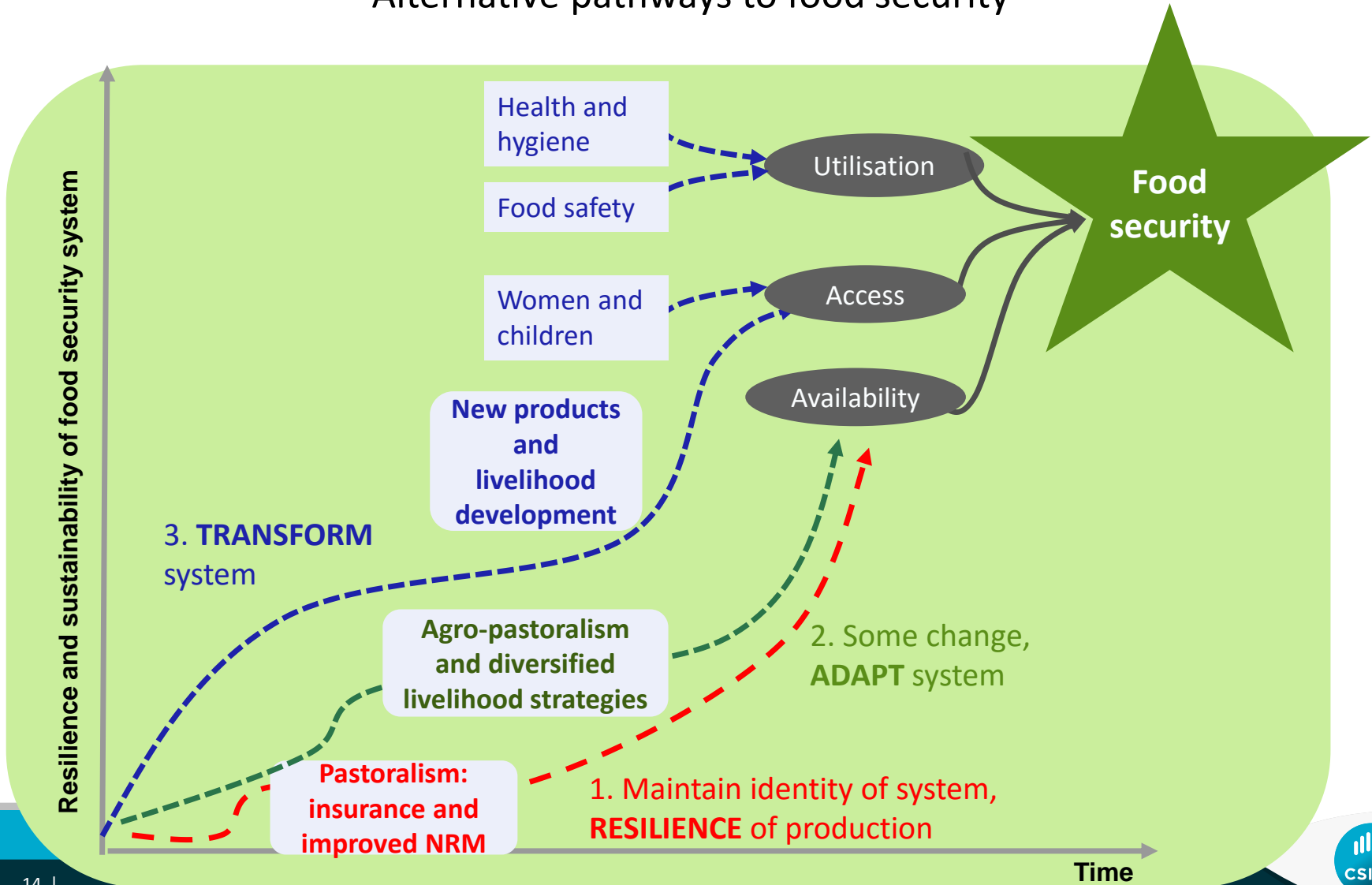


3. Food security programming, Ethiopia

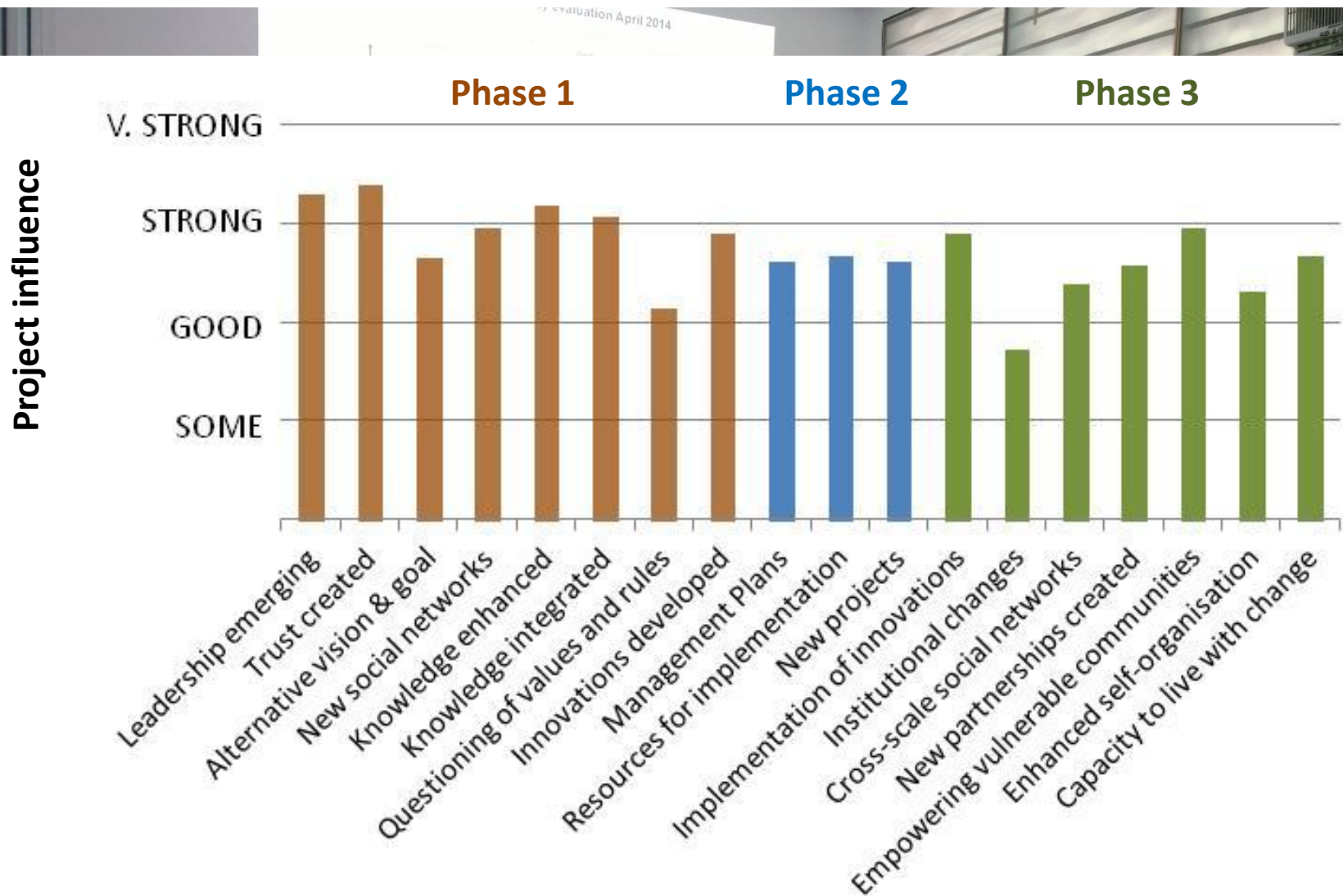


3. Food security programming, Ethiopia

Alternative pathways to food security



Evaluation



Lessons learned

1. Understand the formal and informal decision-making context
2. Identify and involve the relevant stakeholders
3. Engage the influential decision-makers
4. Expect significant time to build capacity for pathways (5+ years)
5. Generate change agents to drive process over the long term, and to take windows of opportunity
6. Introducing pathways thinking to planning processes is itself potentially transformational (especially if it empowers the most vulnerable in decision-making)

Some principles for pathways in development

1. Work within existing planning/governance systems (e.g. private sector)
2. Understand the formal and informal governance and politics for strategies
3. Provide value propositions for participation by powerful actors
4. Building capacity for pathways is part of the adaptation pathways process
5. Participatory evaluation is a critical component of the process
6. It takes a long time and significant resources

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Actions	Programs already implemented, 2012
1. Children must attend school, and teachers, officers and parents must lead by example.	1. Murrumbidgee Education Program (Murrumbidgee Technical College) 2. Murrumbidgee Technical College 3. Murrumbidgee Technical College 4. Murrumbidgee Technical College

Thank you