



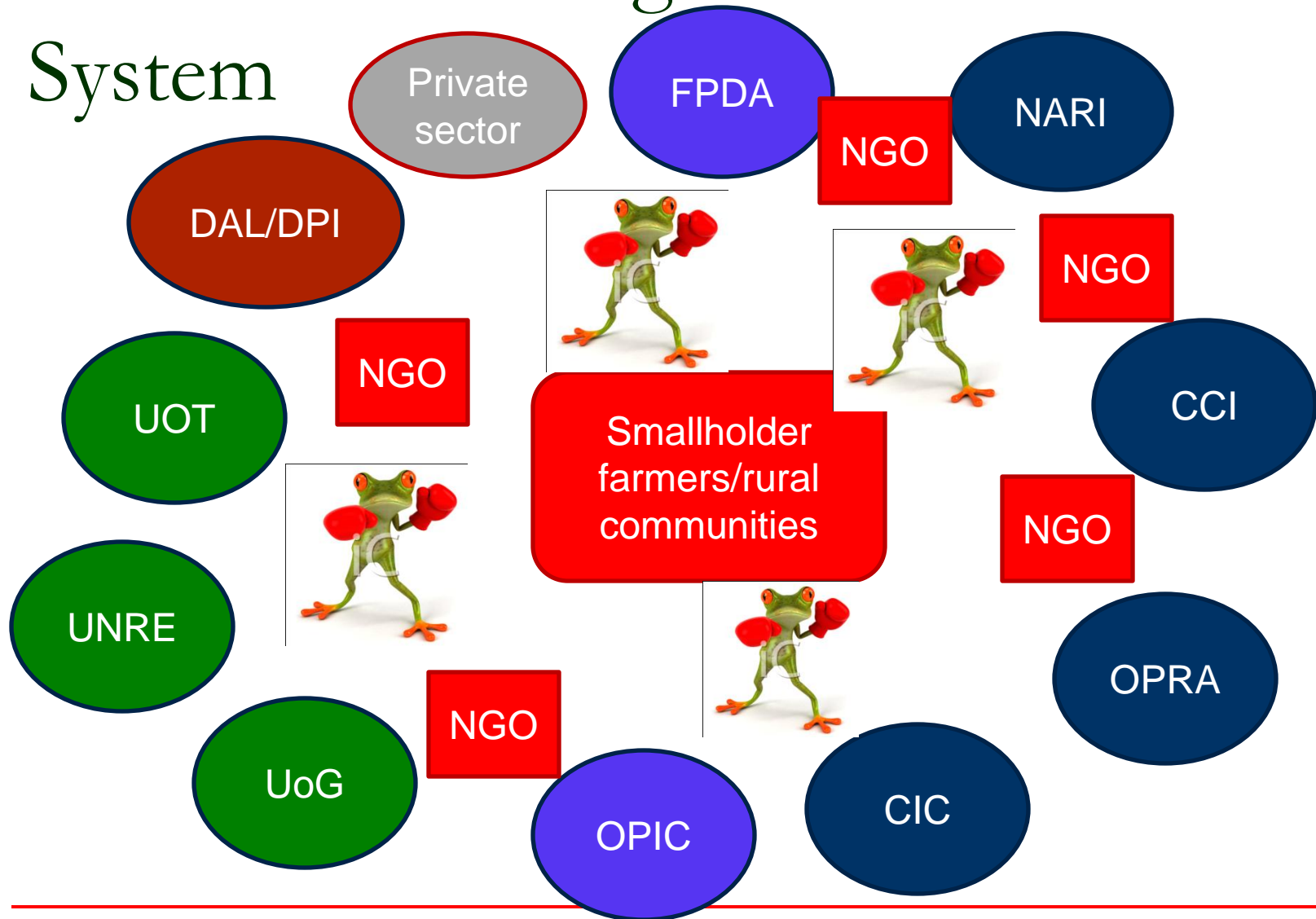
Towards better service delivery – PNG Experience

Birte Komolong, PNG National
Agricultural Research Institute, CTA
S&T SWOT Analysis

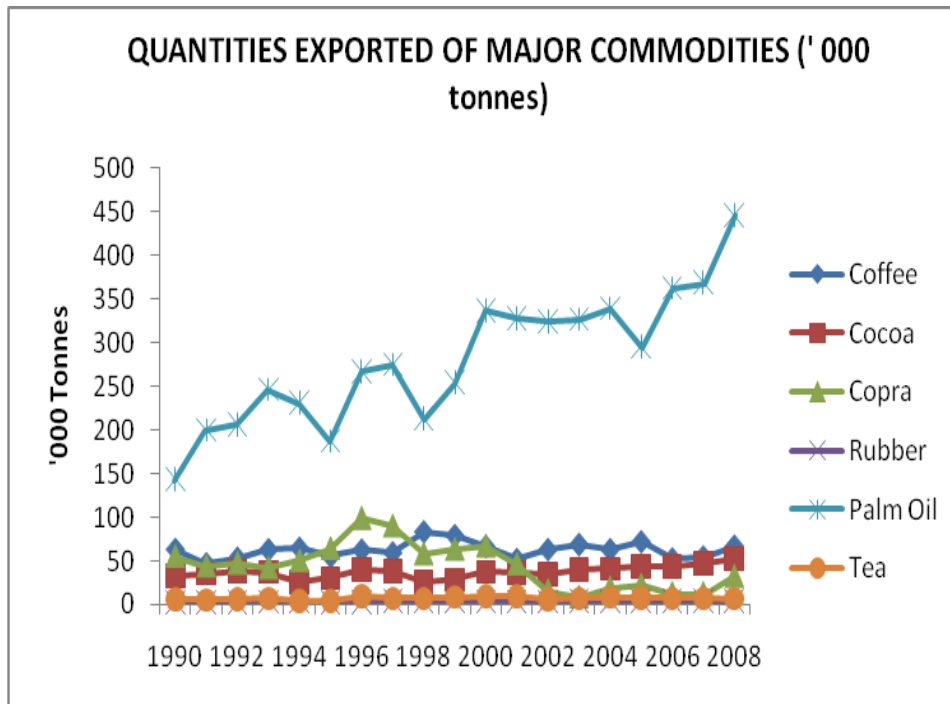
Outline

- **PNG National Agricultural Research System**
- **Lack of effectiveness in AgR&D**
- **NARI – A case study**
- **Key concepts used in the Strategic Planning Process**
- **NARI Strategies and Priorities for delivering impact**

PNG National Agricultural Research System



Lack of effectiveness in Ag Research & Development

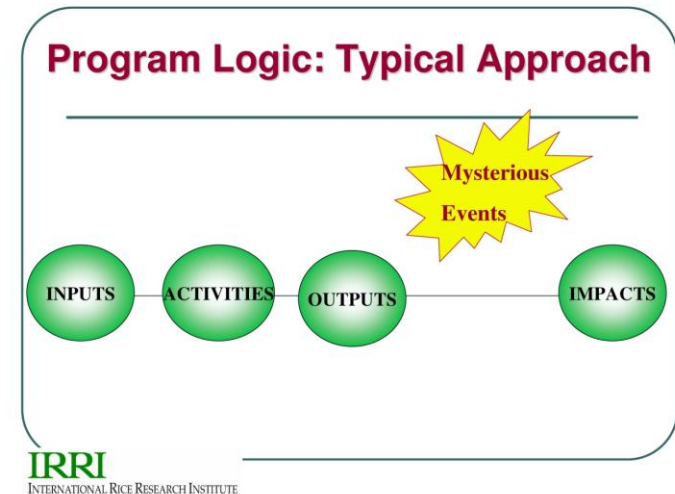


	Life year expectancy		Child mortality	
	1990	2007	1990	2007
PNG	54	57	94	69
Vanuatu	64	70	62	33
Solomon Is	57	63	121	36
Australia	77	81	9	6

PNG – HDI No. 153 in the world

Constraints to effectiveness

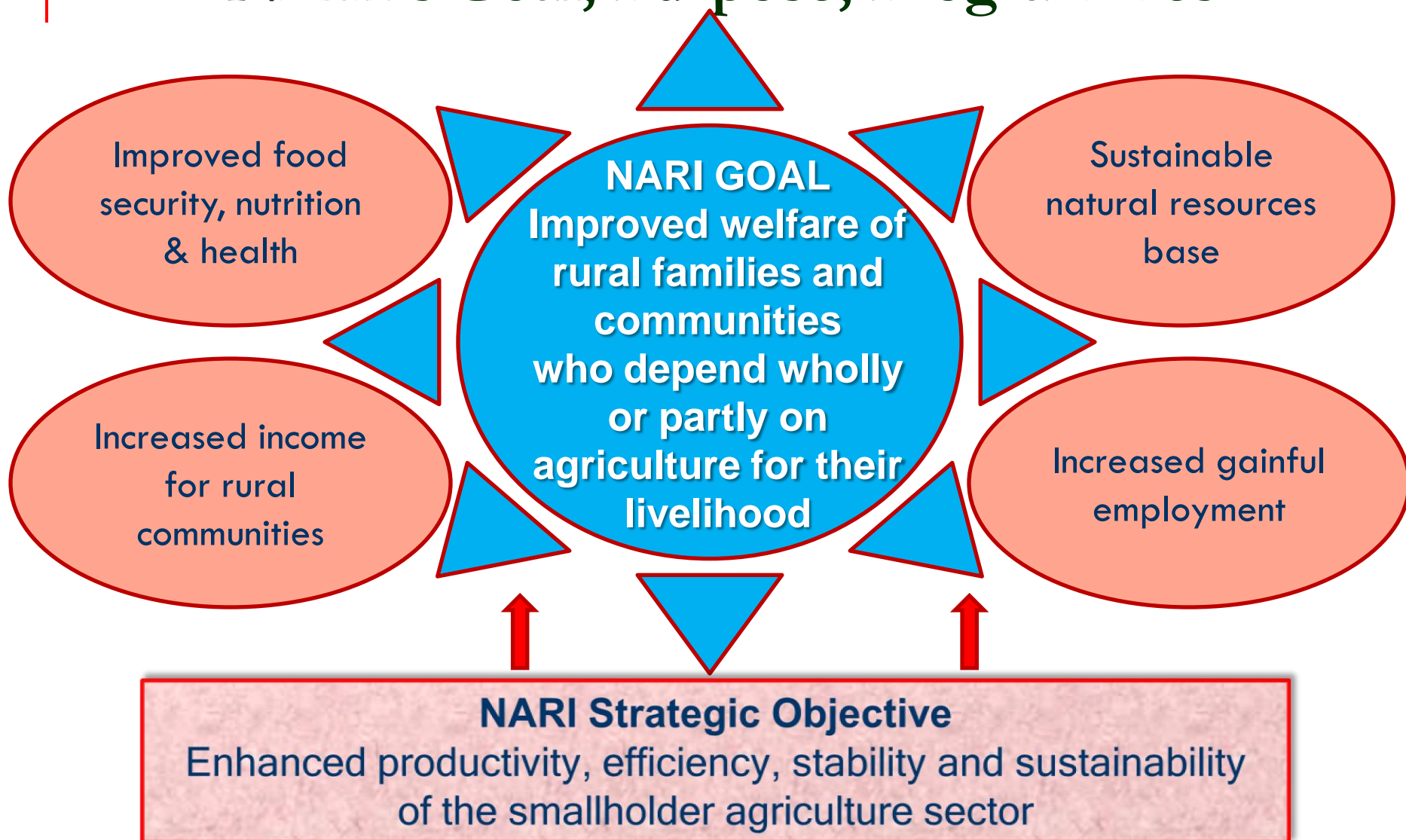
- Research agendas that are not responding to farmer's needs (technology driven focus only)
- Obstructive intra- and inter-organizational boundaries (or inadequate linkages, partnerships and coordination within and between organizations, private sector, NGOs, farming communities and others)
- Lack of inter-, or multi-disciplinary R&D (especially neglect of socio-economic and socio-cultural aspects)
- Weak monitoring, evaluation and performance cultures (including lack of institutionalized organizational learning)
- Insufficient resourcing in terms of finances and quality human capacity of agricultural R&D



NARI – A Case Study

- Statutory organisation (Act of Parliament 1996) – currently under HERST
- NARI's business – research for development (applied, adapted)
 - (a) any branch of biological, physical and natural sciences related to agriculture; and
 - (b) cultural and socioeconomic aspects of the agricultural sector, especially of the smallholder agriculture; and
 - (c) matters relating to rural development of relevance to Papua New Guinea
- NARI's major clients – smallholder agriculture sector

NARI's Goal, Purpose, Programmes

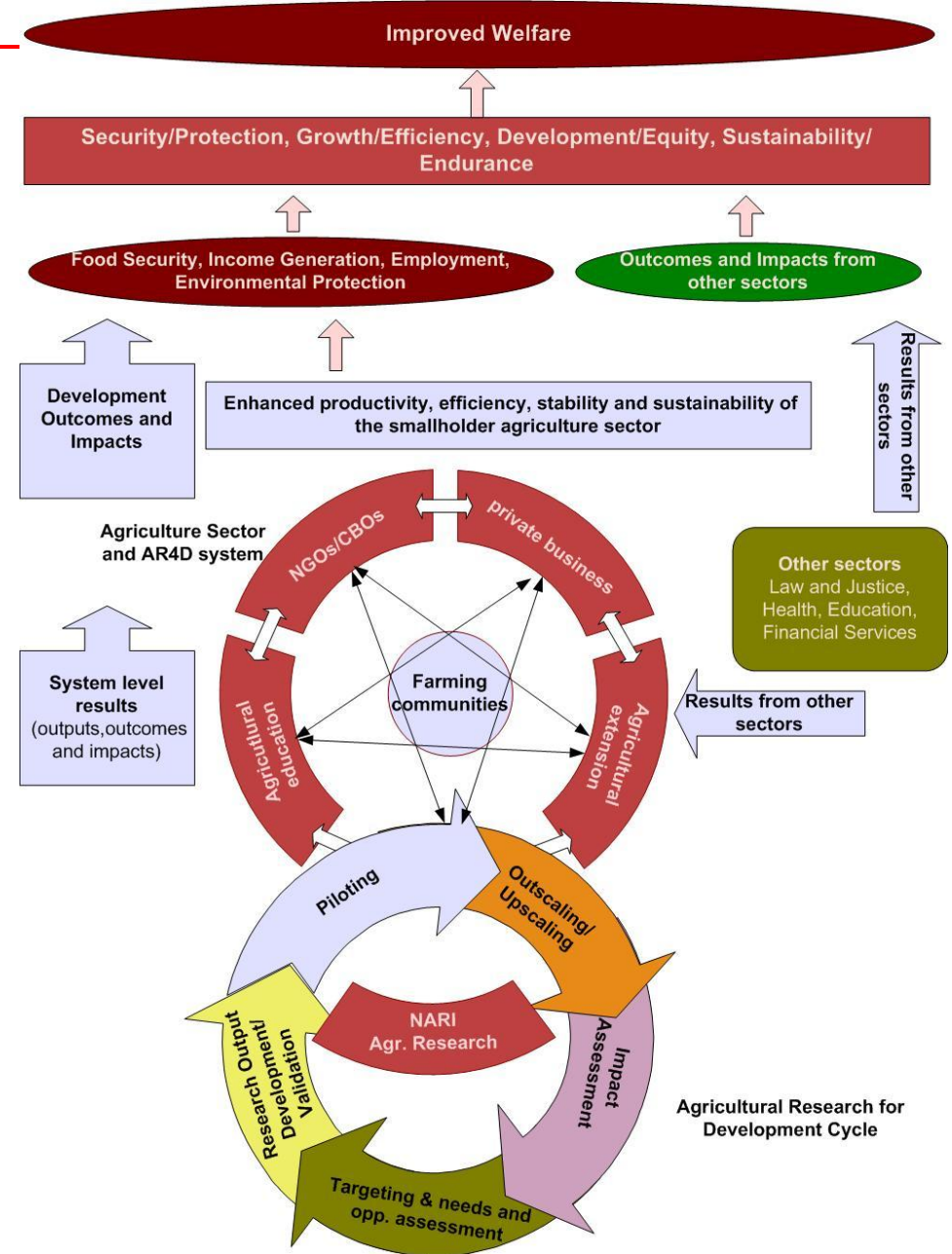


Key concepts used in the Strategic Planning Process

- ❑ Paradigm shift – AR&D to AR4D (systems thinking)
- ❑ Results-based Management
- ❑ Cascading Logic
- ❑ Agricultural Development Domains

Paradigm Shift

not only do excellent science,
but we use it to bring about
impact on people's lives,
extending our responsibility well
beyond generation of
technologies and publications

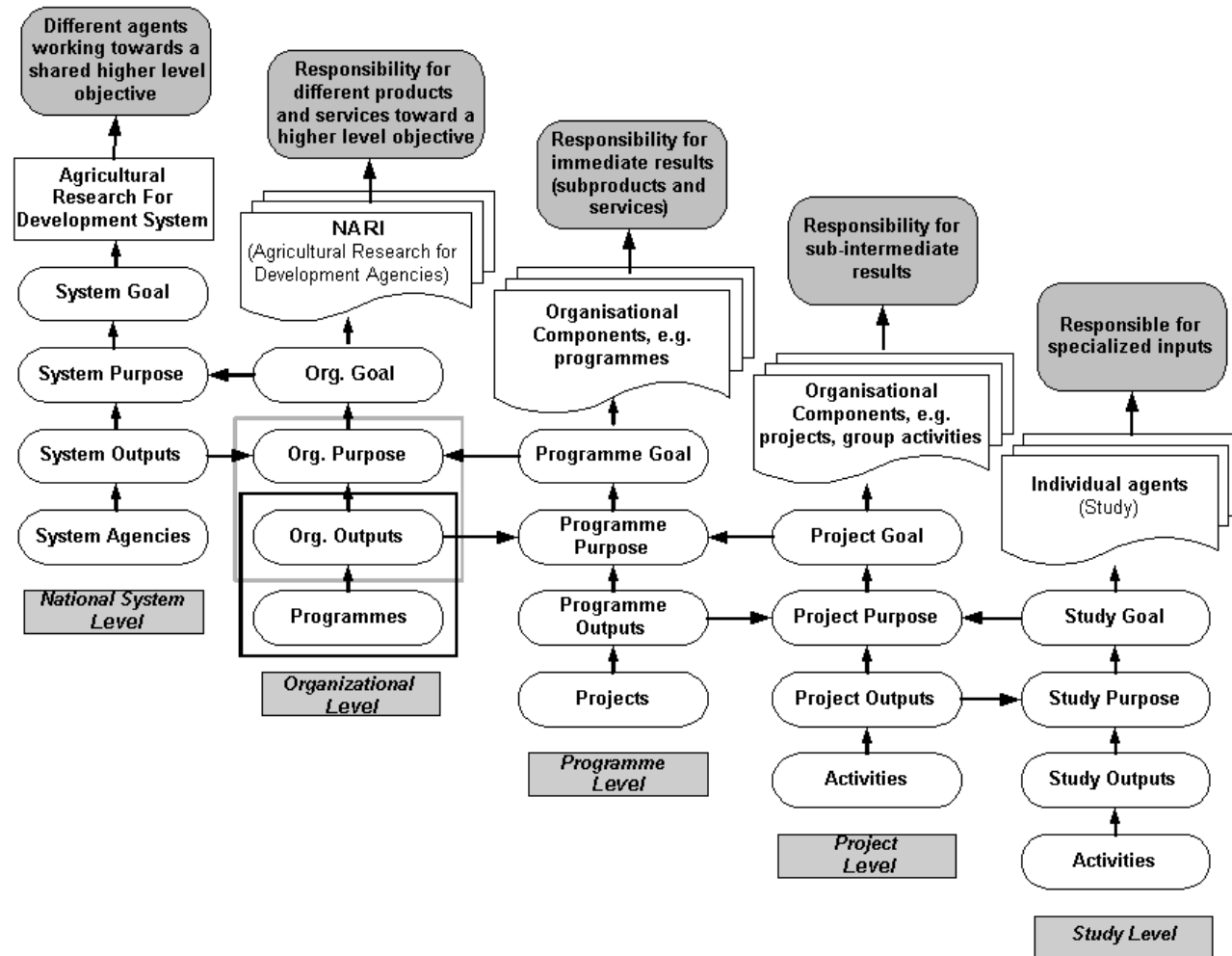


Impact or Results-oriented Institution/Learning Organisation

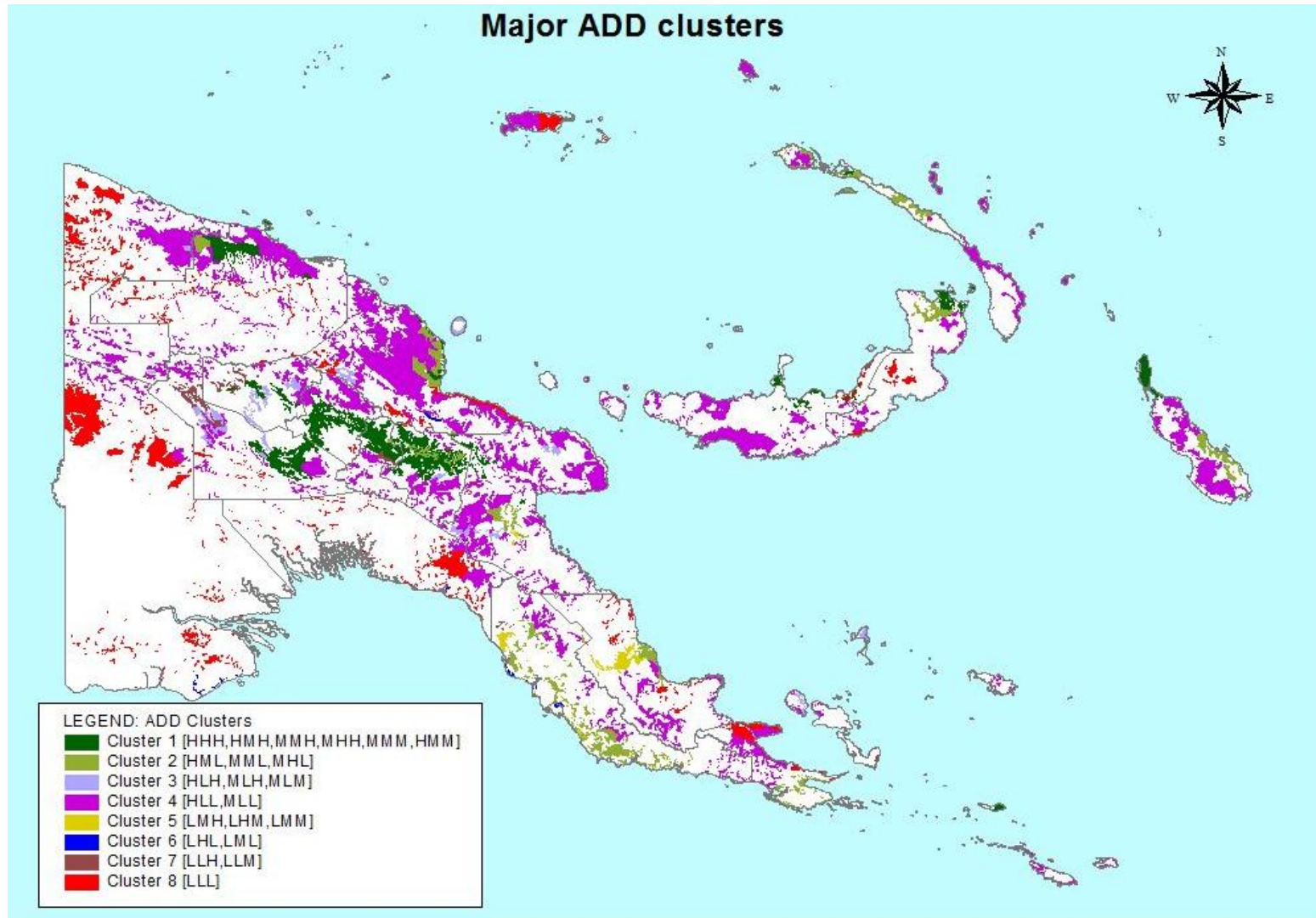
Four pillars of RBM:

- the definition of strategic goals which provide a focus for action;
- the specification of expected results which contribute to these goals and align programmes, processes and resources behind them;
- on-going monitoring and assessment of performance, integrating lessons learnt into future planning;
- improved accountability, based on continuous feedback to improve performance

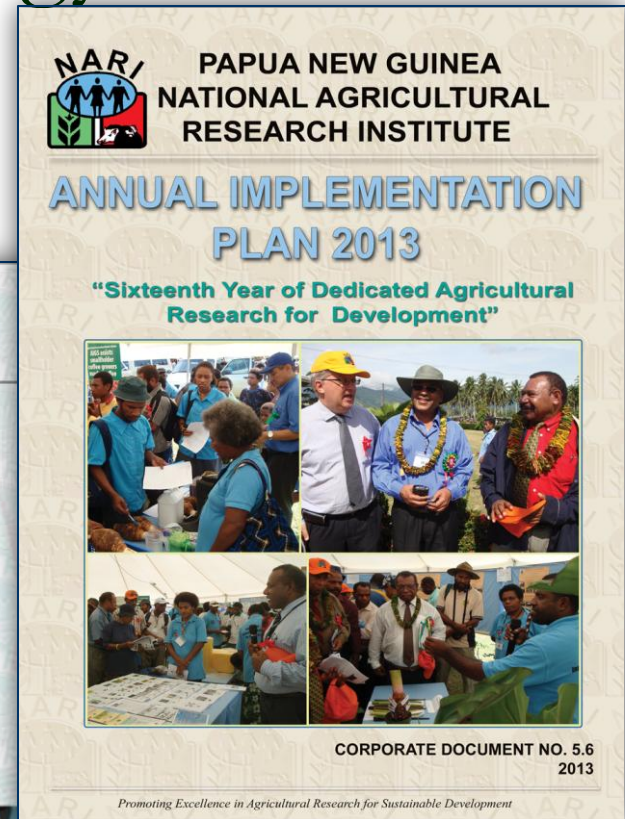
Cascading logic in strategy development



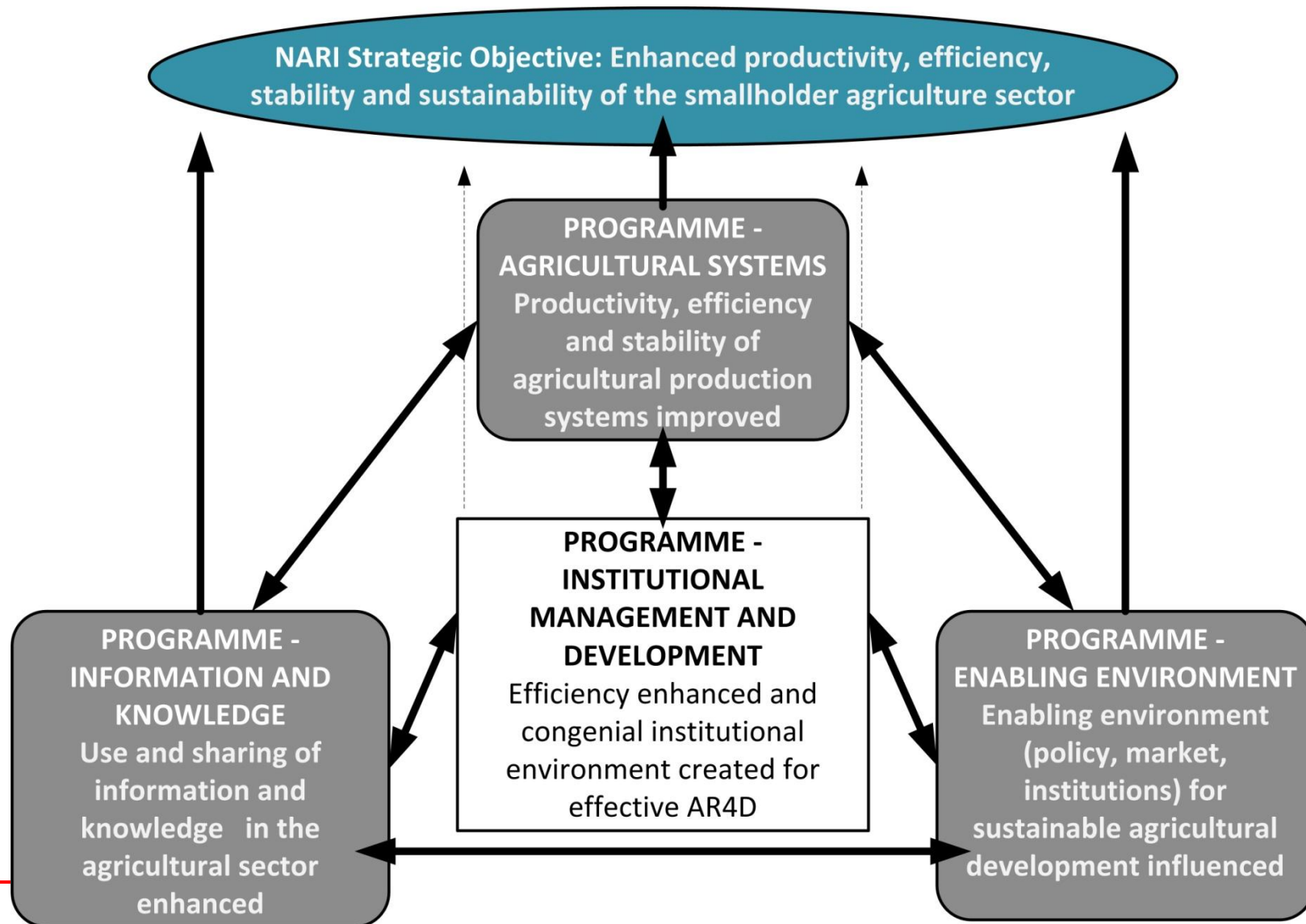
Agricultural Development Domains



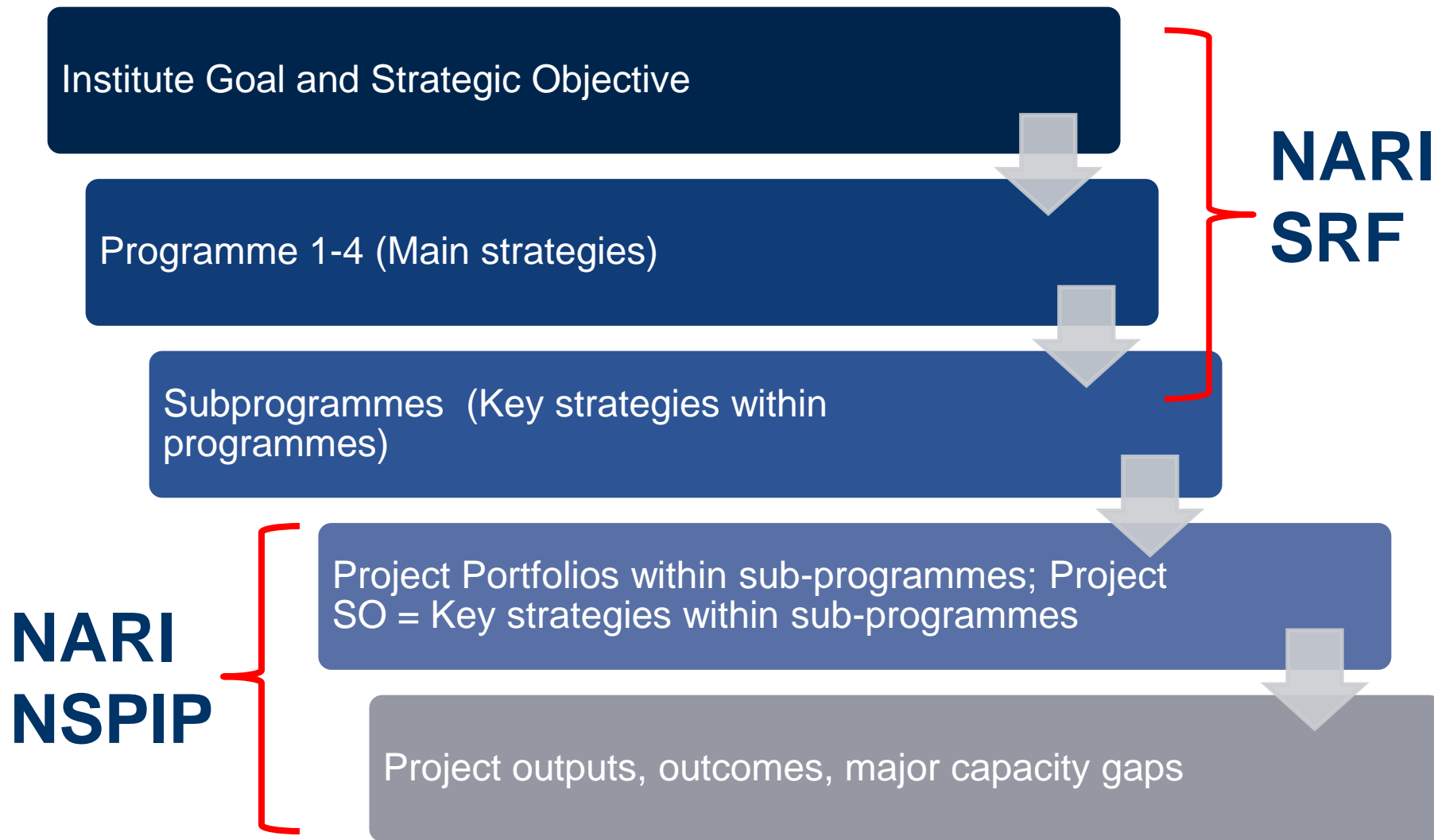
NARI Results and Strategy Framework



NARI Programmes



Context of the NSPIP



Priorities in Programmes

- Programme Agricultural Systems:
 - Seed systems (incl breeding, PGR, farmer access), Locally produced inputs, Marketing systems (incl value addition, postharvest), CC adaptation, P&D management, Agr. Mechanisation, R&TB crops (Taro, Sweetpotato, Cassava, Yam), rice, indigenous fruits/nuts (Galip nut), chicken, ducks, goats, pigs
- Programme Enabling Environment
 - Socio-cultural environment (esp gender), marketing opportunities (market intelligence, niche markets, feasibilities), investment in agriculture

Programme Priorities

- Programme Information and Knowledge
 - ❑ Information Packing and dissemination
 - ❑ Information Management
 - ❑ Smallholder Learning approaches
- Programme Institutional Management and Development
 - ❑ Capacity development
 - ❑ PM&E
 - ❑ Partnerships and Networks

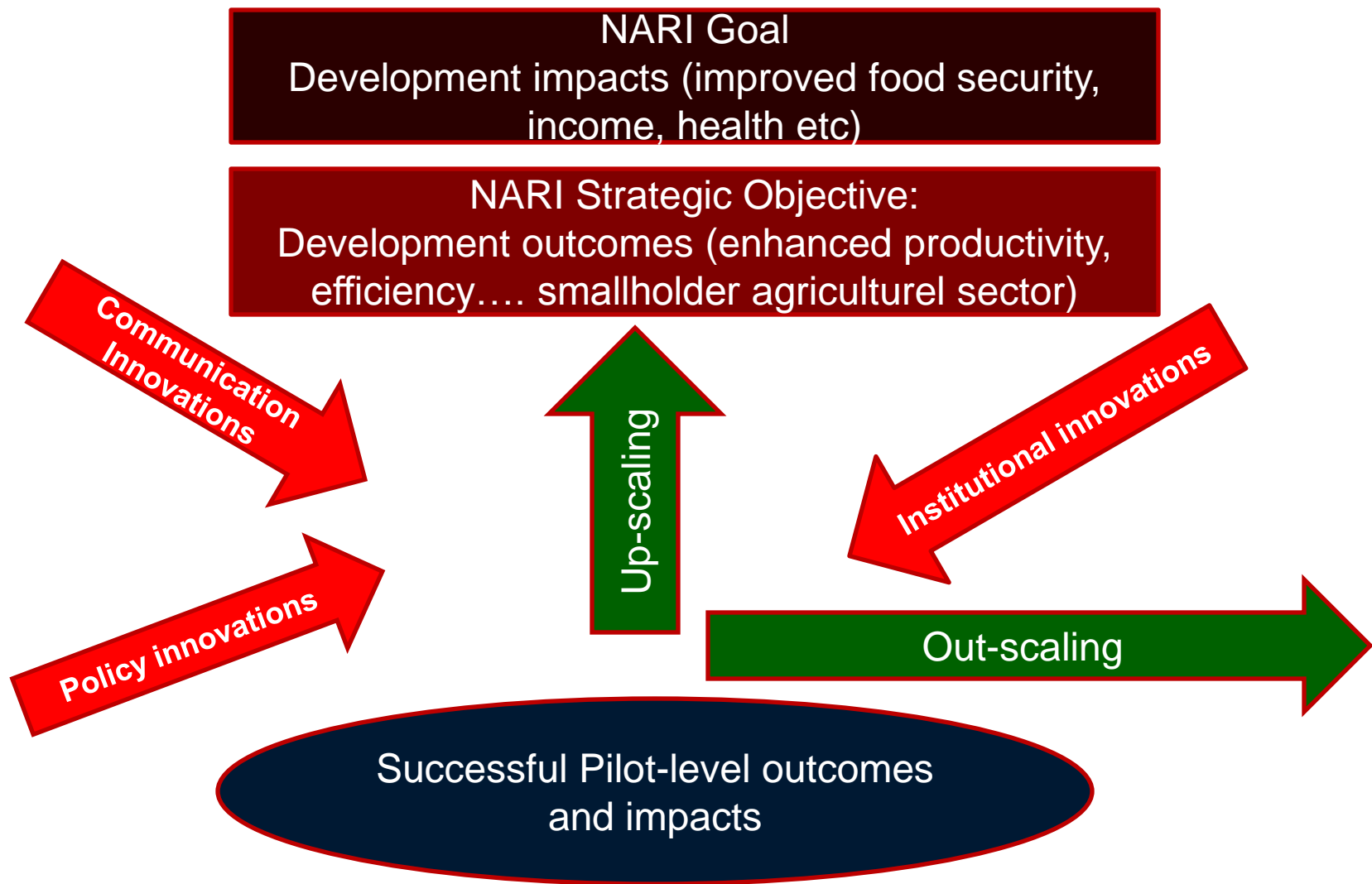
EU funded projects

- ACP Science and Technology Programme (9th EDF) – 3 projects (PNG, SI, VU)
- Food Security Thematic Programme (FSTP) - Component 1 – Research and Technology – leading 1 project (PNG, SI, VU), participating in 1 project
- ACP Caribbean & Pacific Research Programme for Sustainable Development (10th EDF) – 2 projects (PNG, SI)
- EU RED 2

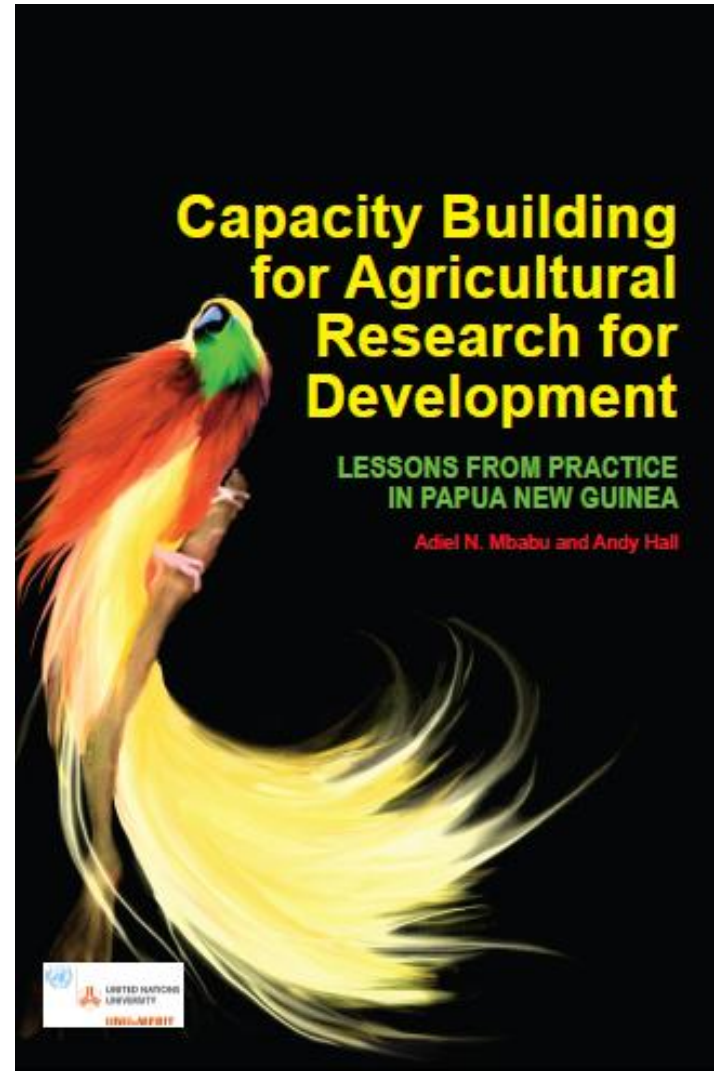
Achievement of Impacts

- Project portfolios are designed to deliver on pilot-level impacts (NARI plus partners, plus local organisations – private, public, ...)
- Need to build capacity to effectively facilitate and catalyze US and OS in the future.

Achievement of wider impacts



- http://ardsf.nari.org.pg/index.php?option=com_phocadownload&view=categories&Itemid=295
- http://www.merit.unu.edu/archive/docs/hl/201302_Capacity%20Building%20for%20Agricultural%20Research%20Development_Final.pdf
- <http://www.books.google.com.au/books?isbn=9280850008>
- <http://www.aesa-gfras.net/index.php/new-publications/42-capacity-building-for-agricultural-research-for-development>



Issues for consideration

- Opportunities for PNG/NARI/Western Pacific to better use what CTA has to offer
- CTA needs to remain relevant with stakeholder needs (issues, capacity development, policy dialogue)
- Capacity development for innovations systems (upscaling/outscaling and related S&T approaches, related research competencies and skills; building of partnerships and networks, use of ICT)



Thank you