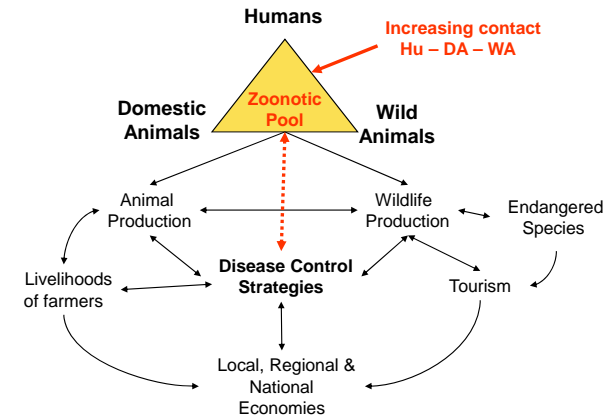


### Diseases, Livelihoods & Sustainability in the GLTFCA

A conceptual framework for the AHEAD-GLTFCA Programme -  
Five major questions

1. What types and pattern of landuse and tenure will enhance system health\*, productivity and resilience (sustainability) of the Social-Ecological System (SES) of the GLTFCA?
2. What is the state and trend of the five capitals (Natural, Human, Social, Financial & Physical) in each landuse/land tenure component of the TFCFA and how might these change, and influence system health, under differing scenarios?
3. How will the biodiversity, environmental, social and economic trade offs/opportunity costs of alternative patterns of landuse influence adaptability and resilience of the SES?
4. What cross subsidies exist within the system and how vulnerable are they to disturbance and shocks?
5. What is the level of external subsidy to the GLTFCA system and how dependent is the system on, or vulnerable to, external subsidies?

\***Health** refers to wild and domestic animal health and human livelihoods – the disease component of the AHEAD programme.



### March 2009 - Issues

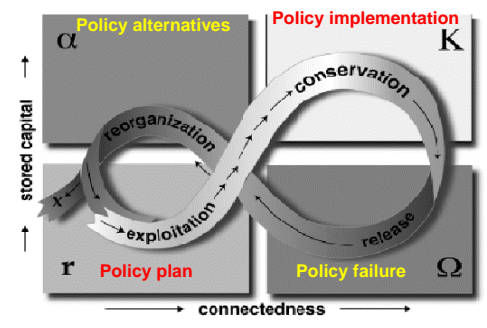
1. Is the conceptual framework still useful?
2. Has anyone here used it?
3. Critical comment?
4. Does it need revisiting / changing ?
5. How pertinent is the approach within the context of impending climate change? Or other changes?

### February 2010 - Issues

What is being neglected?

- Climate change and adaptive strategies
- Scale issues
- Cross-scale influences
- Policy

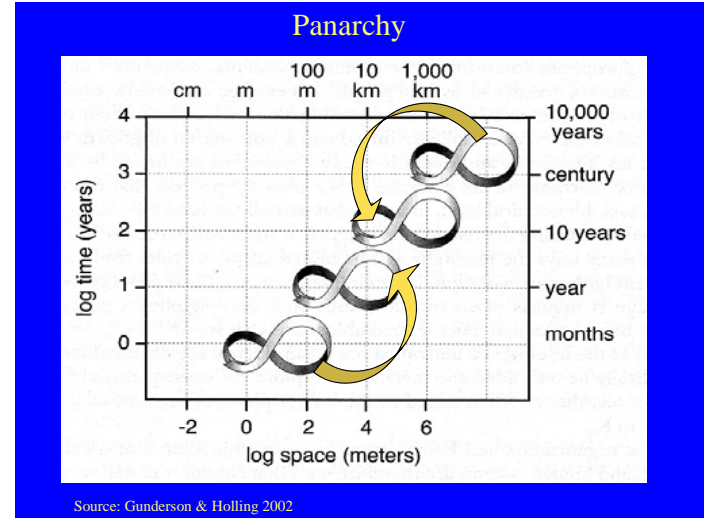
### Adaptive cycle – resource management policy



Can be applied to social, institutional and political dynamics

Source: Gunderson et al (2002)

### Cross-scale influences / impacts / drivers /memory

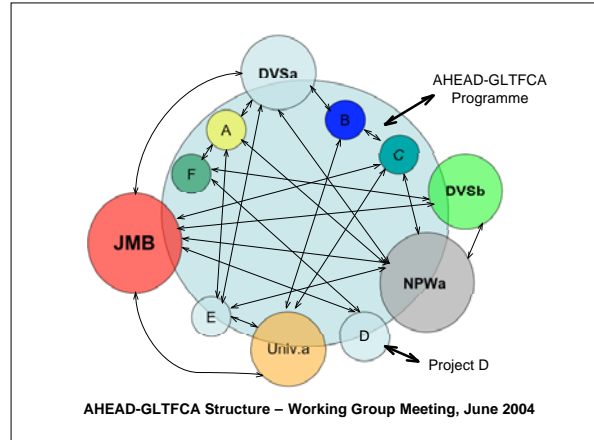


Source: Gunderson & Holling 2002

## AHEAD-GLTFCA: Institutional Arrangements

### ***Building a collaborative research programme***

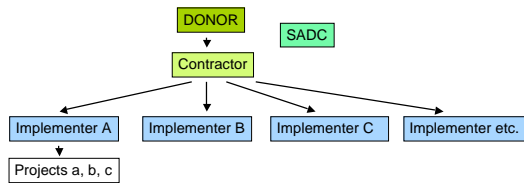
- Collaborative Group
  - Joint letter of intent to collaborate
  - Simple MOU signed by collaborating agencies to form a collaborative alliance/partnership to cooperate in a particular research programme.
  - Signatories retain individual identity in financial and administrative arrangements and in the receipt and disbursement of funds



## AHEAD-GLTFCA: Institutional Arrangements

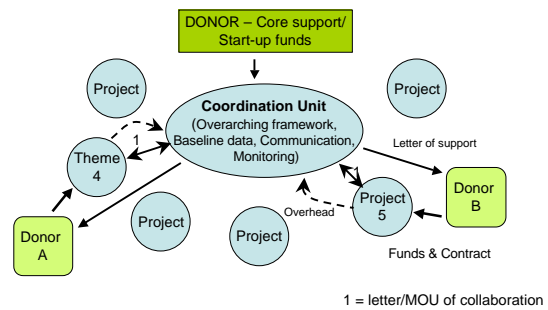
### ***Contractual implementing partnerships with Donor(s)***

- Implementing Consortium
  - Lead contracting/lead agency with donor (Institutional home?)
  - Implementing partners – formal contractual MOUs with lead agency to implement selected programme components



## AHEAD-GLTFCA: Institutional Arrangements

### ***Coordination unit + satellite themes/modules/projects***



## AHEAD-GLTFCA: Institutional Legitimacy

### ***Official endorsement of AHEAD-GLTFCA Programm***

- SADC
- Tri-National (e.g. JMB)
- National Departments (e.g. Agric., Nat. Res., Vet. Serv.)
- National Institutions (University Depts./Faculties/Govt. Agencies)

