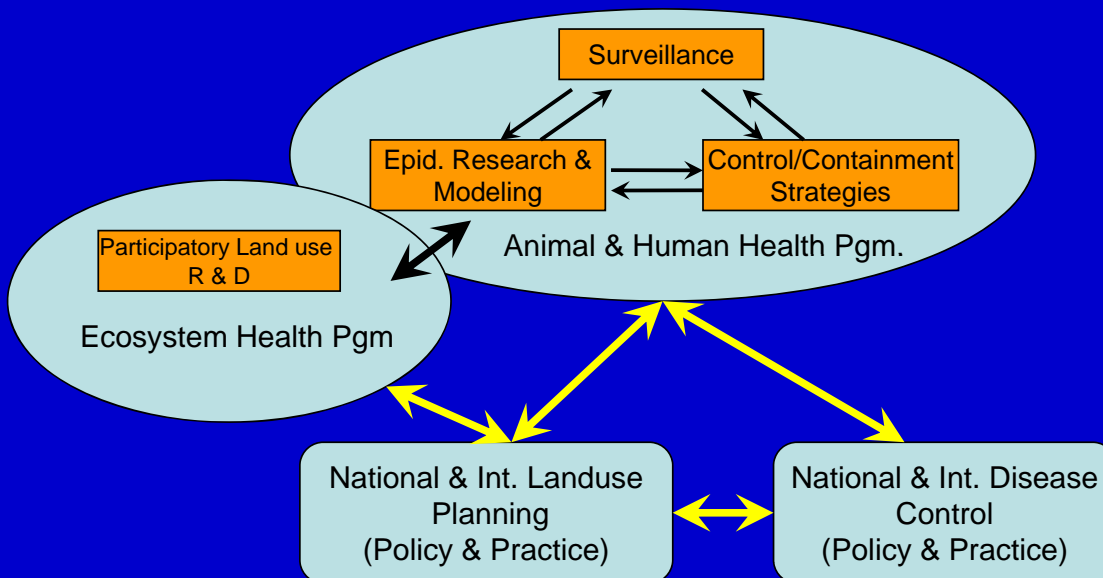


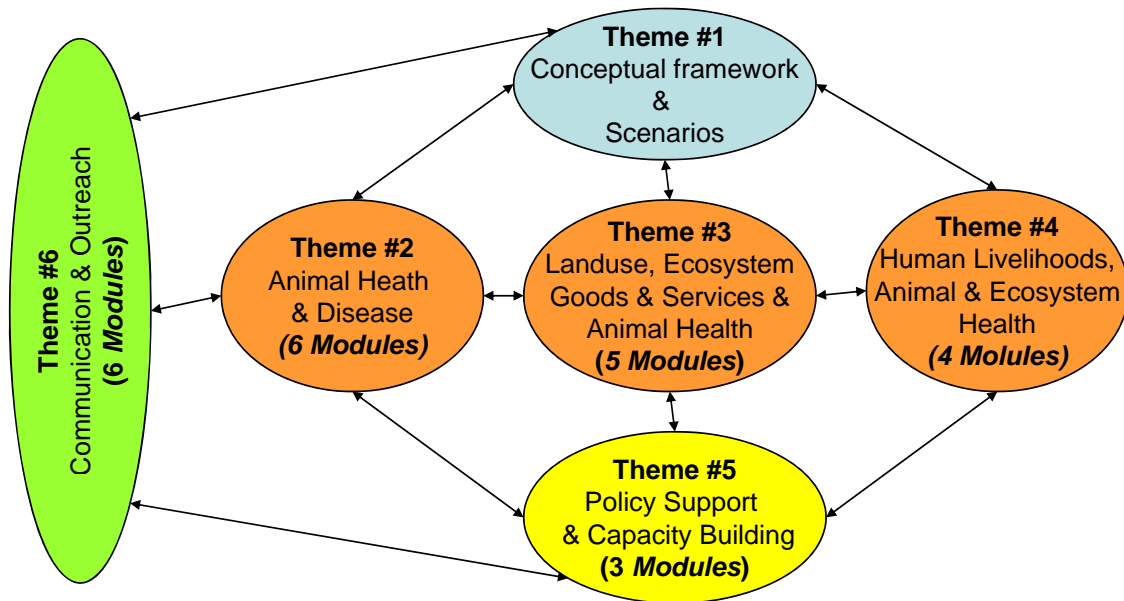
Concepts for an integrated approach

Programme Integration?



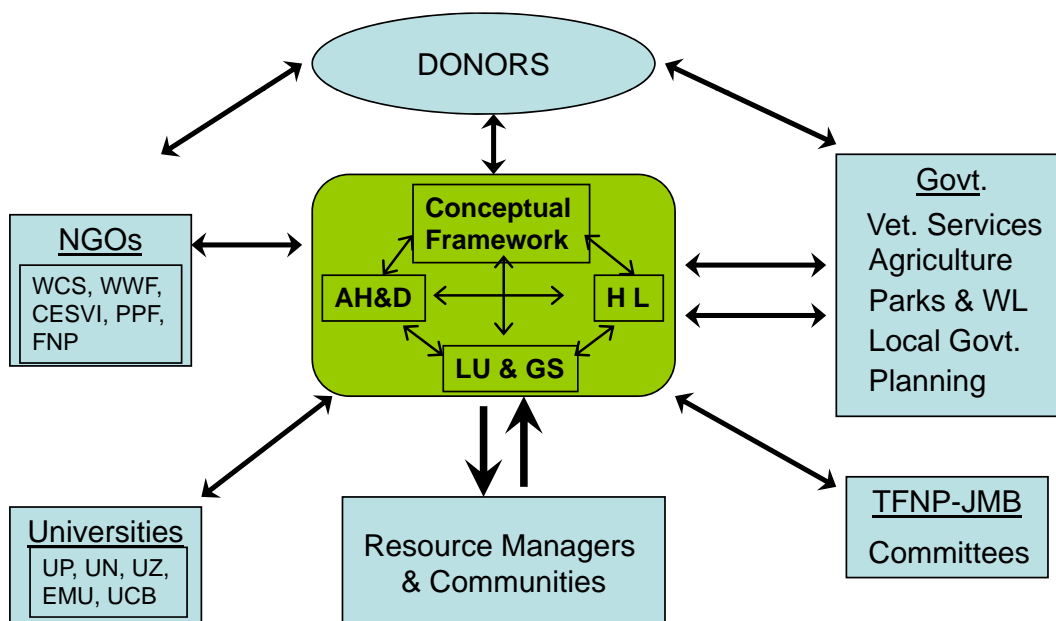
Pretoria – April 2004: Concept Paper

“Sustaining animal health and ecosystem services in large landscapes”

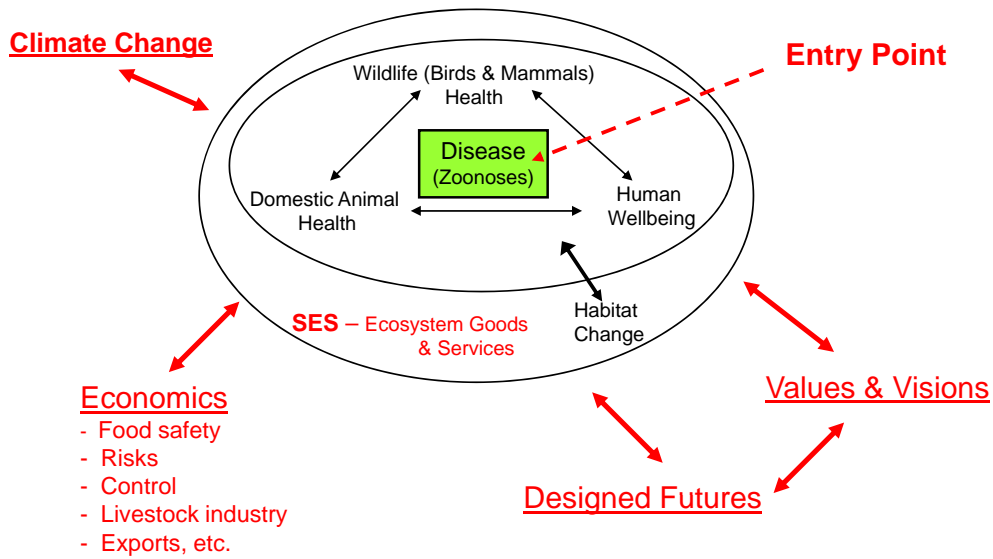


+ 3 countries, 6 provinces, 10+ Districts, etc.

Theme # 6: Communications and Outreach

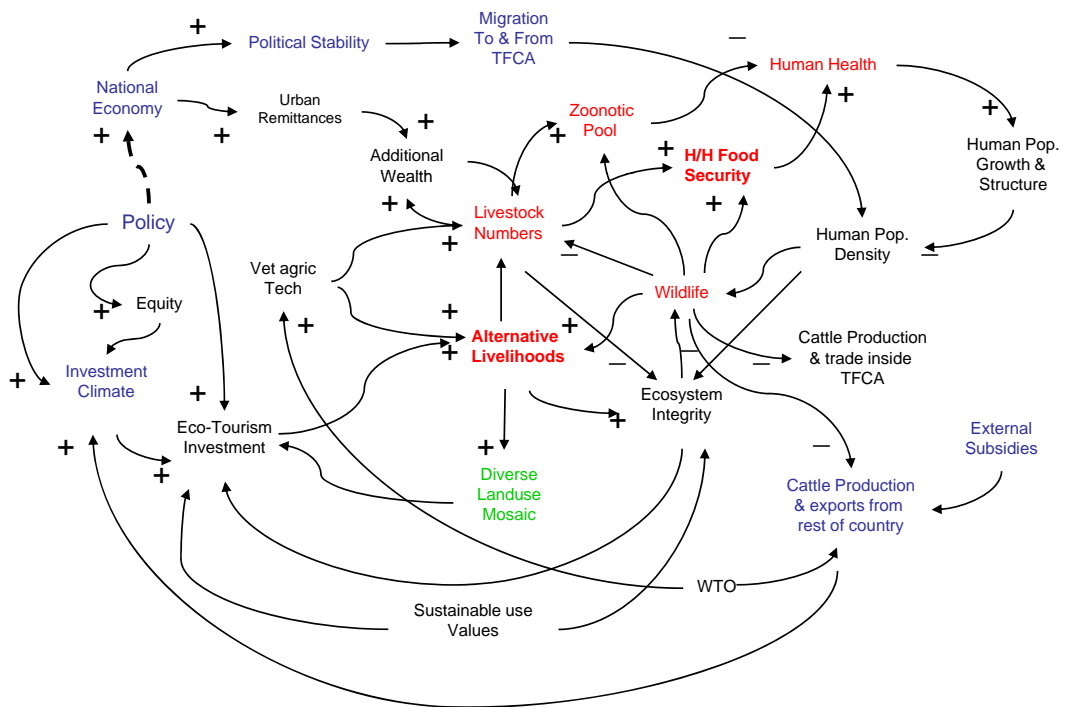


“System boundary”



Skukuza May 2005

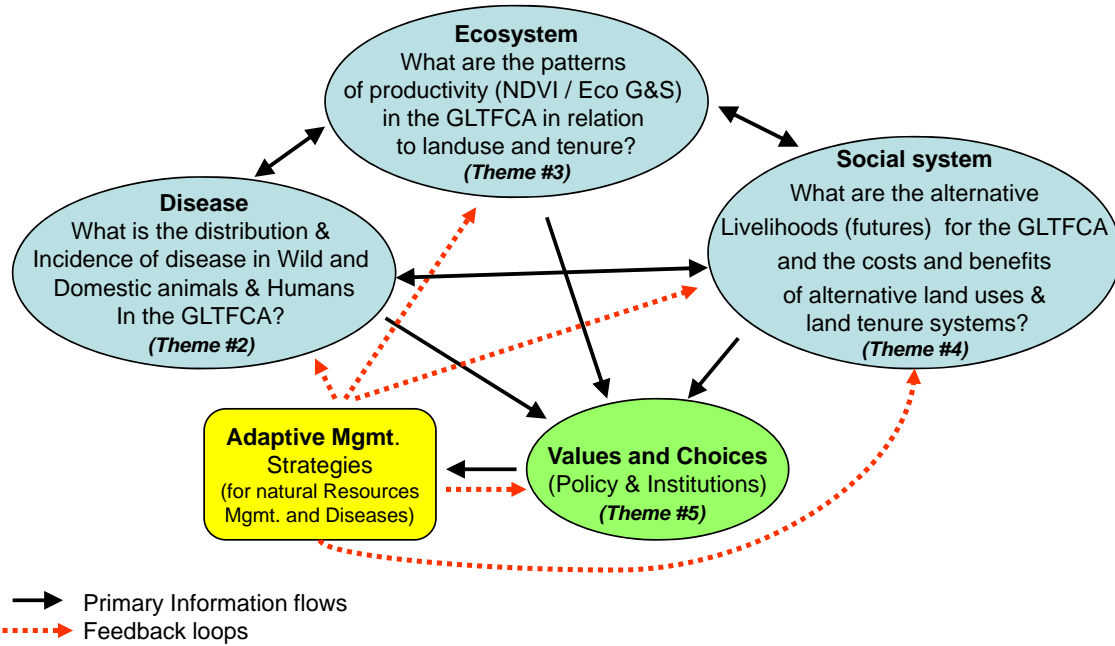
White Board Sheet #10 – TFCA agro-pastoral system



Cross-scale interactions?

Diseases, Livelihoods & Sustainability in the GLTFCA

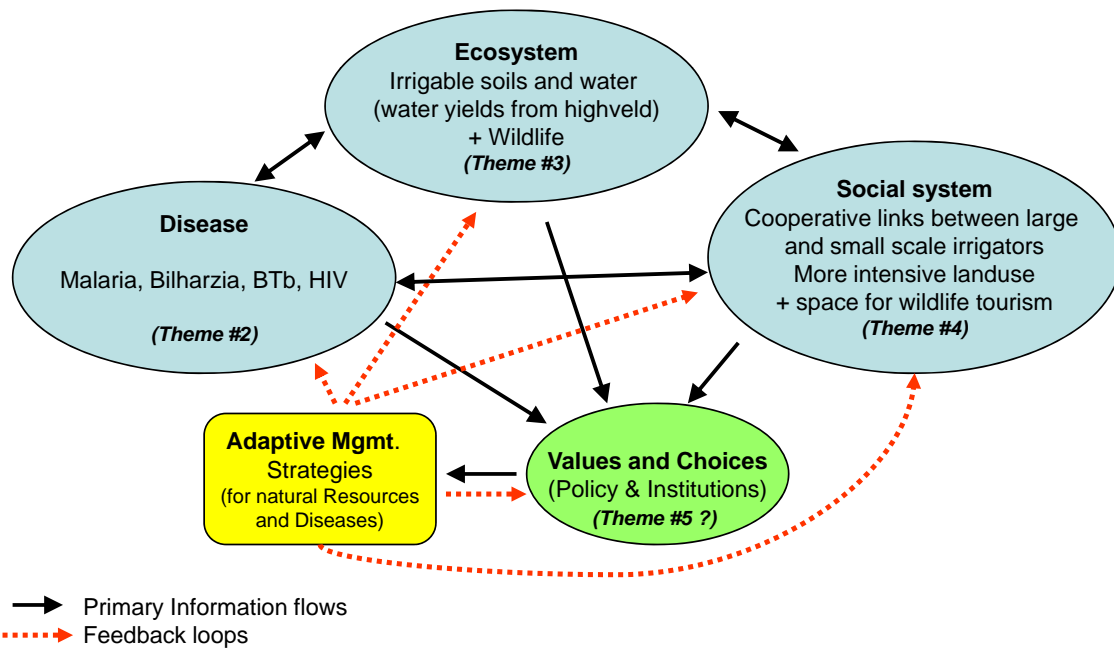
A conceptual framework for the AHEAD-GLTFCA Programme - based on 3 Key Questions – one in each of the central research Themes



May 2006

Diseases, Livelihoods & Sustainability in the GLTFCA

A specific example: Irrigation in SE Lowveld of Zimbabwe



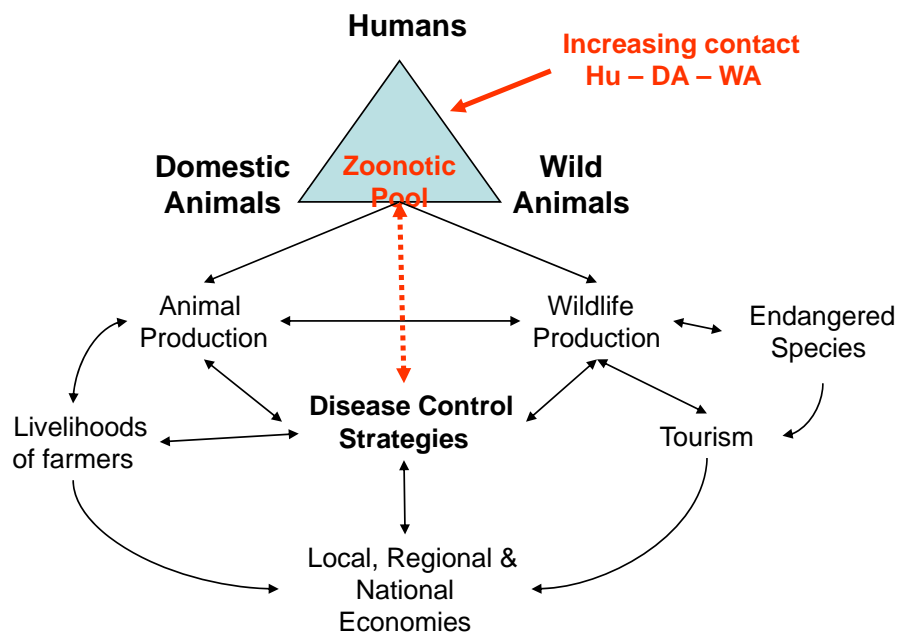
May 2006

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 TFCA and how might these change, and system influence 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 2008 - Issues

1. Is the conceptual framework useful?
2. Has anyone used it?
3. Critical comment?
4. Does it need revisiting – e.g. climate change?
5. How useful / important is it to embed our work on system health within a sustainability framework?