

## Herding for Health

### Herding for Health: Implementation model for CBT: the TFCA example

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Make today matter



Faculty of  
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Fakulteit Veeartsenykunde  
Lefapha la Diseense tsa Bongakadiriwa



### Implementation of CBT in an area has two options:

1. Comply with minimum standards through CCPs
2. Use CBT and associated market access as a *catalyst* to bring stakeholders in TFCAs together in order to also *enable poverty alleviation, sustainable rural development and biodiversity conservation*. I.e. facilitate livestock and wildlife based economies to be mutually beneficial (Van Rooyen 2017).

#### If the latter, then CBT will have to...

1. Bottom-up as opposed to top-down = *community driven* (Local & Community Driven Development – World Bank)
2. *Equitable access to markets* and multiple benefits at village level
3. *Enable best practice* by producers: rangeland, animal health & production, etc.
4. *Empowerment* through ownership, skills development and enterprise development
5. Ensure *consistent market access* & market diversification
6. Facilitate *mutual beneficial community-conservation partnerships*



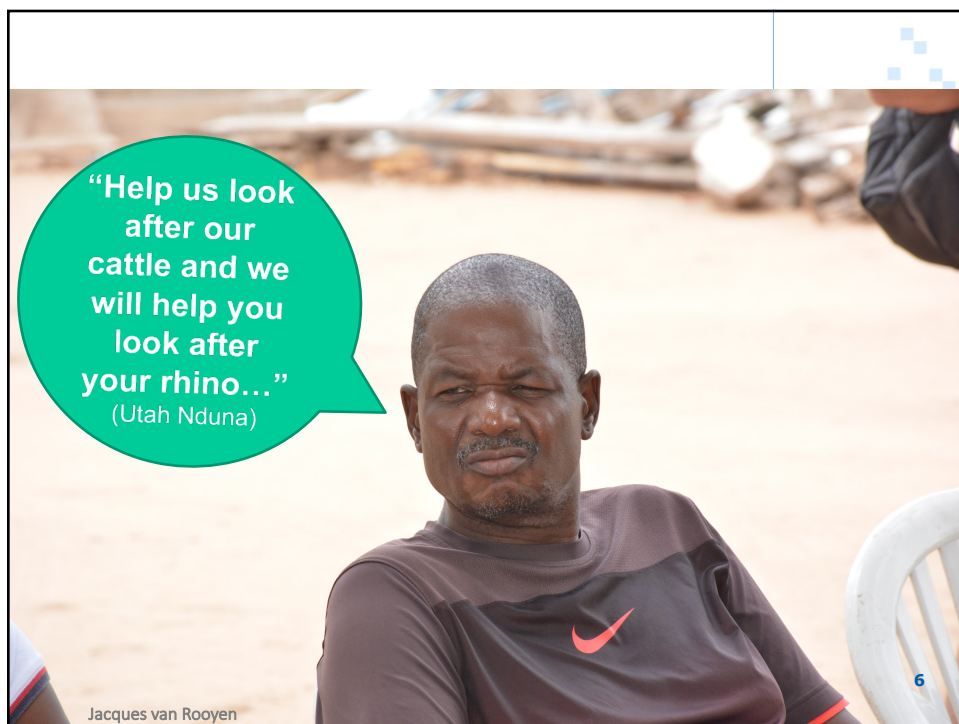
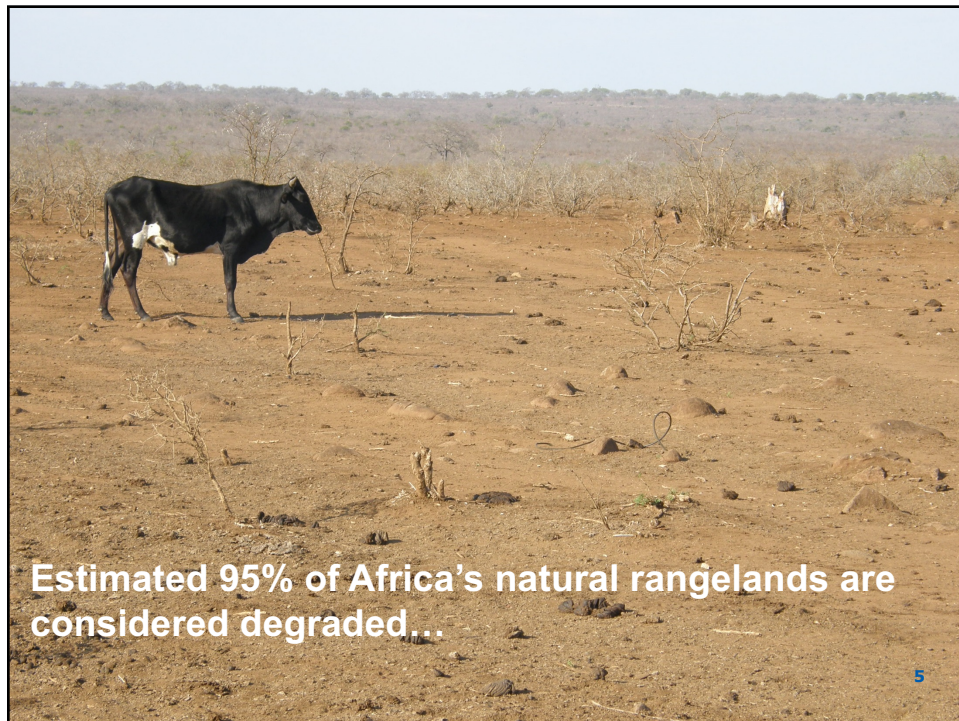
## **Interfaces: contact between species and systems**

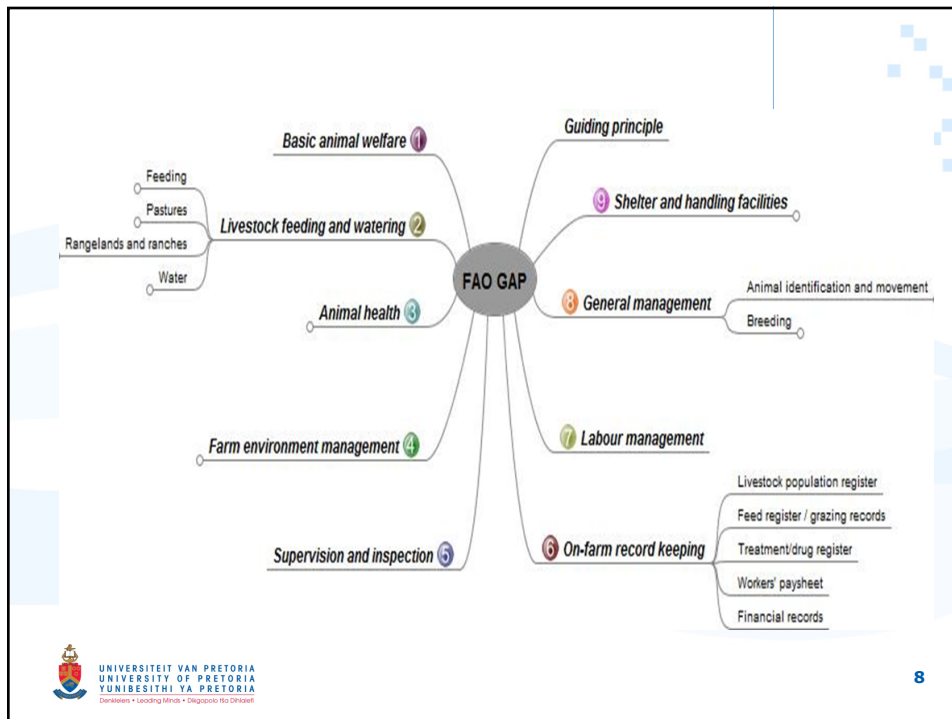
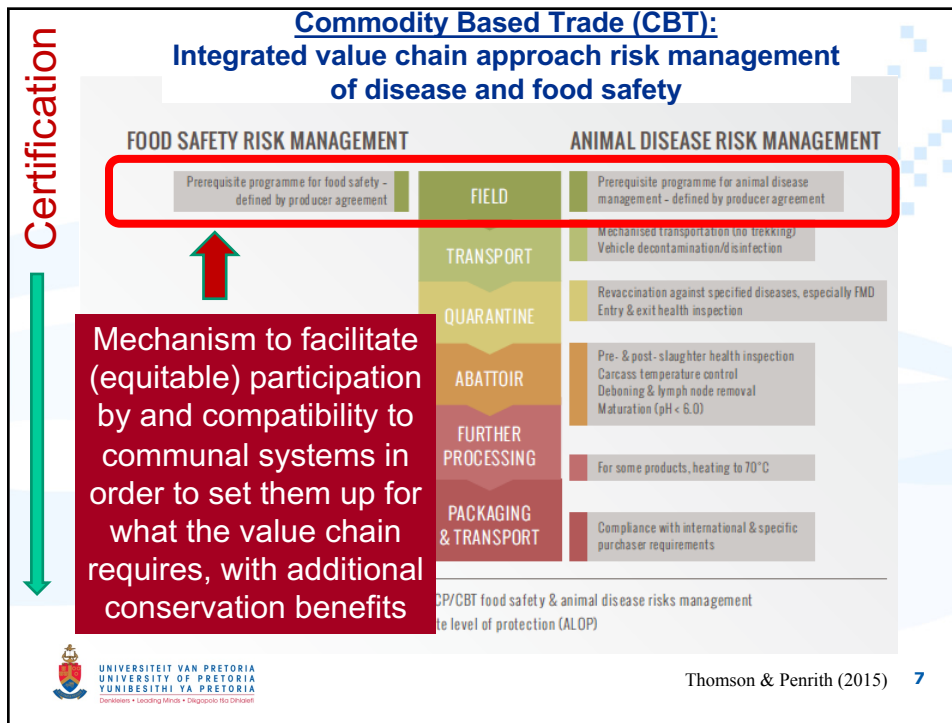
**= livestock – wildlife contact / conflict – whether fence or not!**



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## Prerequisite Program: Zambezi producer code

### Agree to:

1. Record keeping
2. Animal ID
3. FMD vaccination
4. Parasite control
5. Grazing management
6. Prevention of buffalo contact (herding & kraaling)
7. Disease reporting



AN AGREEMENT made in Katima on this \_\_\_\_\_ day of \_\_\_\_\_ 2013 between



THE PARTIES

MCA PROJECT PHASE 2

AND

Surname: \_\_\_\_\_ Name: \_\_\_\_\_ I.D. \_\_\_\_\_

Cell: \_\_\_\_\_ Constituency: \_\_\_\_\_

Area: \_\_\_\_\_ Cattle post: \_\_\_\_\_

NOW THEREFORE IT IS HEREBY AGREED as follows:

- Record-keeping
- Animal identification – branding & tagging\*
- Vaccination for FMD (i.e. presenting cattle for vaccination)\*
- Treatment for internal and external parasites
- Grazing management
- Preventing buffalo contact (herding, kraaling)
- Disease reporting to DVS

IN WITNESS WHERE OF the parties have here to set their hands in the presence of the undersigned witness: on the \_\_\_\_\_ Day of \_\_\_\_\_ 2013

AS WITNESSES:

1. \_\_\_\_\_ Project: \_\_\_\_\_

IN WITNESS WHERE OF the parties have here to set their hands in the presence of the undersigned witness: on the \_\_\_\_\_ Day of \_\_\_\_\_ 2013

AS WITNESSES:

Farmer: \_\_\_\_\_

## Prerequisite program (Producer agreement): Farmer reported *non-compliance* – Zambezi Region, 2013

Respondent	Any Challenges	Record Keeping	Grazing Management	Treatments	Disease	Buffalo Contact	Herding	TOTAL
1	Yes	X	X					2
2	Yes	X	X			X	X	4
3	No							0
4	No					X		1
5	Yes				X			1
6	Yes	X					X	2
7	Yes	X		X				2
8	Yes	X			X			2
9	Yes	X	X	X				3
10	Yes			X		X		2
Total		6	3	3	2	3	2	19

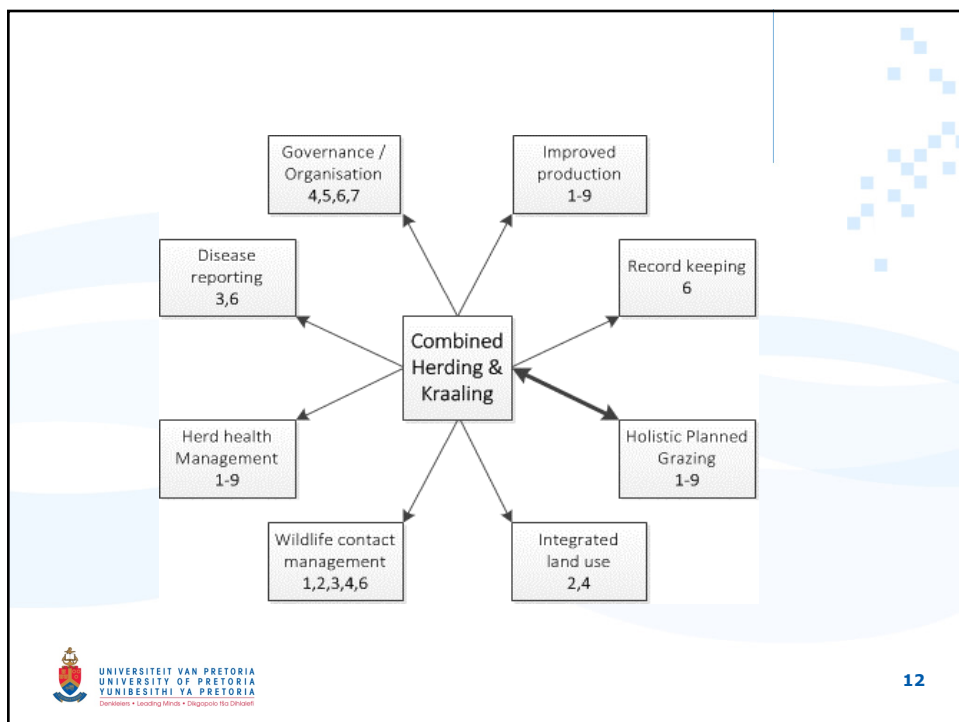
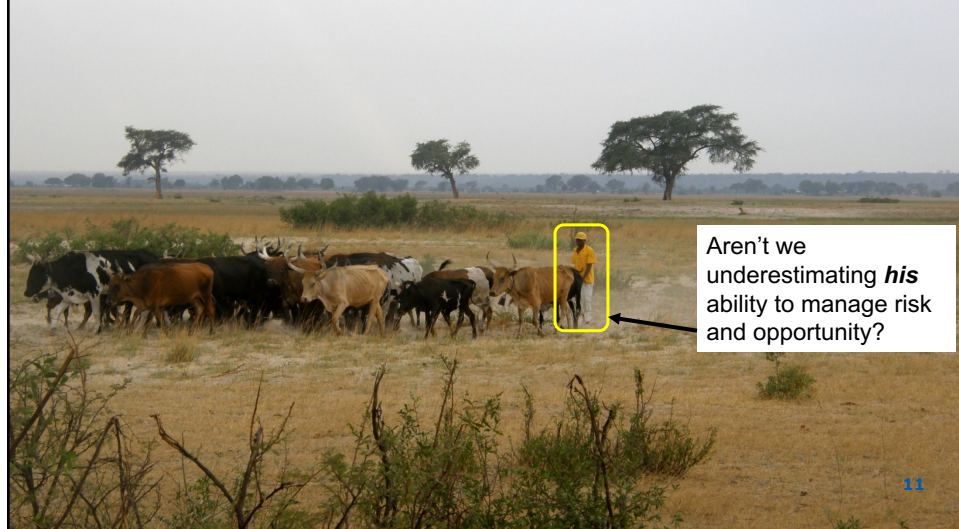
68% compliance..?

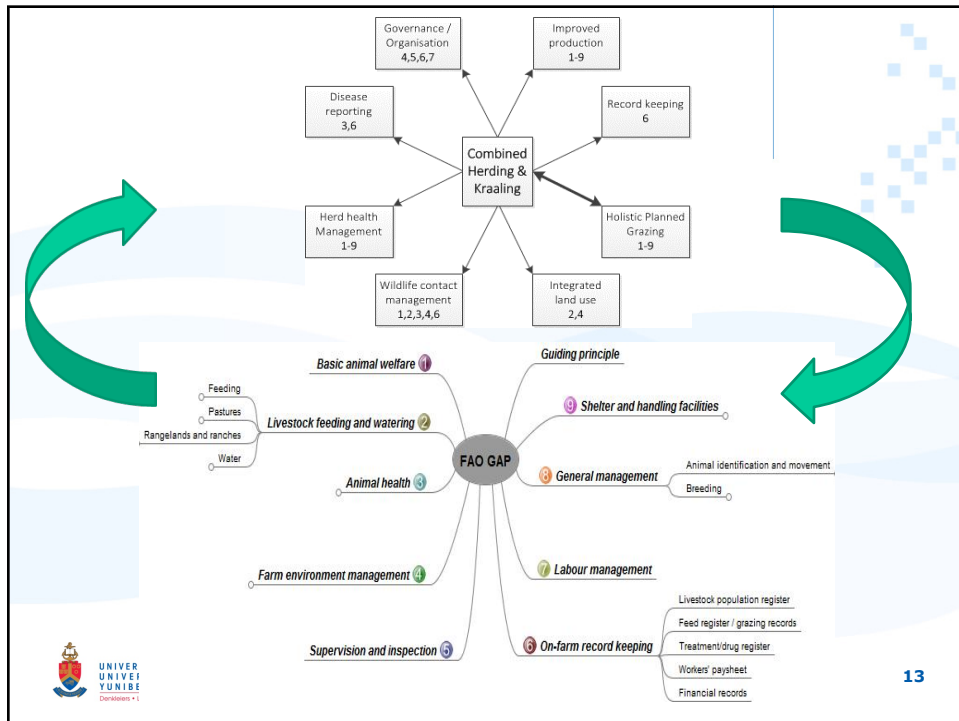
Small producer..?

10

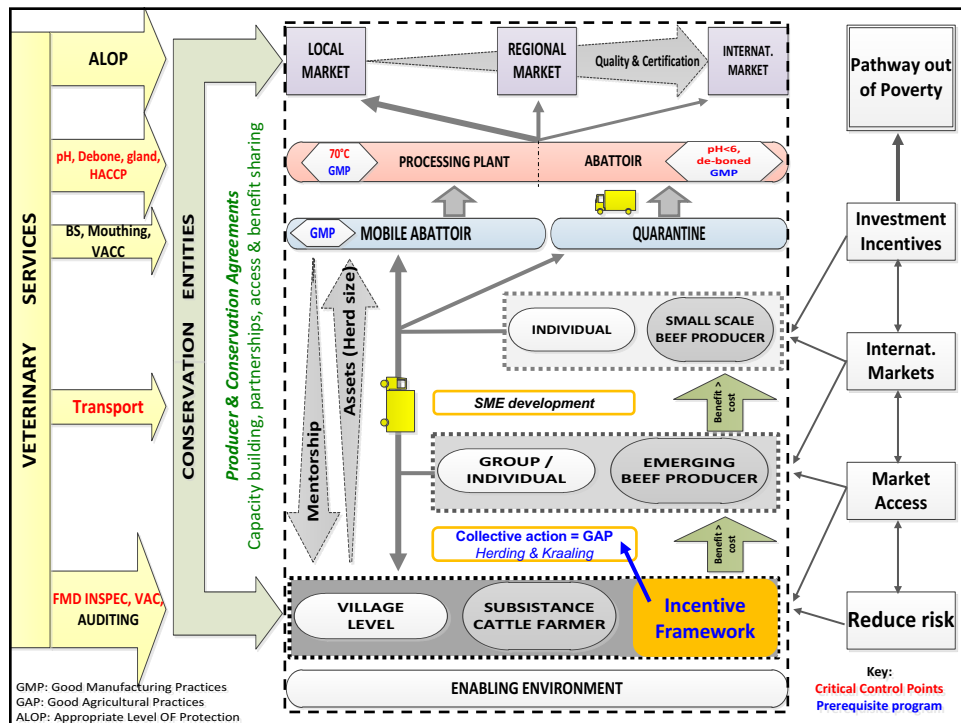


**Challenge:**  
The problems are complex and multidimensional  
Yet  
Solutions must be simple









### Skills set (Pro Herdsmen / Eco-Rangers):

1. (Holistic) planned grazing principles
2. Animal production & husbandry
3. Primary Animal Health Care
4. Wildlife contact management (predators / disease)
5. Record keeping and auditing
6. Community liaison / mobilisation
7. Tracking and security
8. Low-stress handling

*Accredited course*

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# Conservation Agreement

## Commitments

- Planned grazing
- Erosion dongas restored
- Livestock-wildlife contact mitigation
- HACCP Compliance
- Co-investment in livestock improvement
- Benefit sharing w enterprise development

## Benefits

- Infrastructure for planned grazing & erosion support
- Ecoranger jobs/trained herding support
- Compensation for livestock losses
- HACCP Training for long-term market access
- Access to Markets and remedies
- Enterprise development support



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