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New Thinking on Pastoralism – GIZ's Perspective and Beyond

Dr. Tobias Feldt (*GIZ, SV NAREN*)

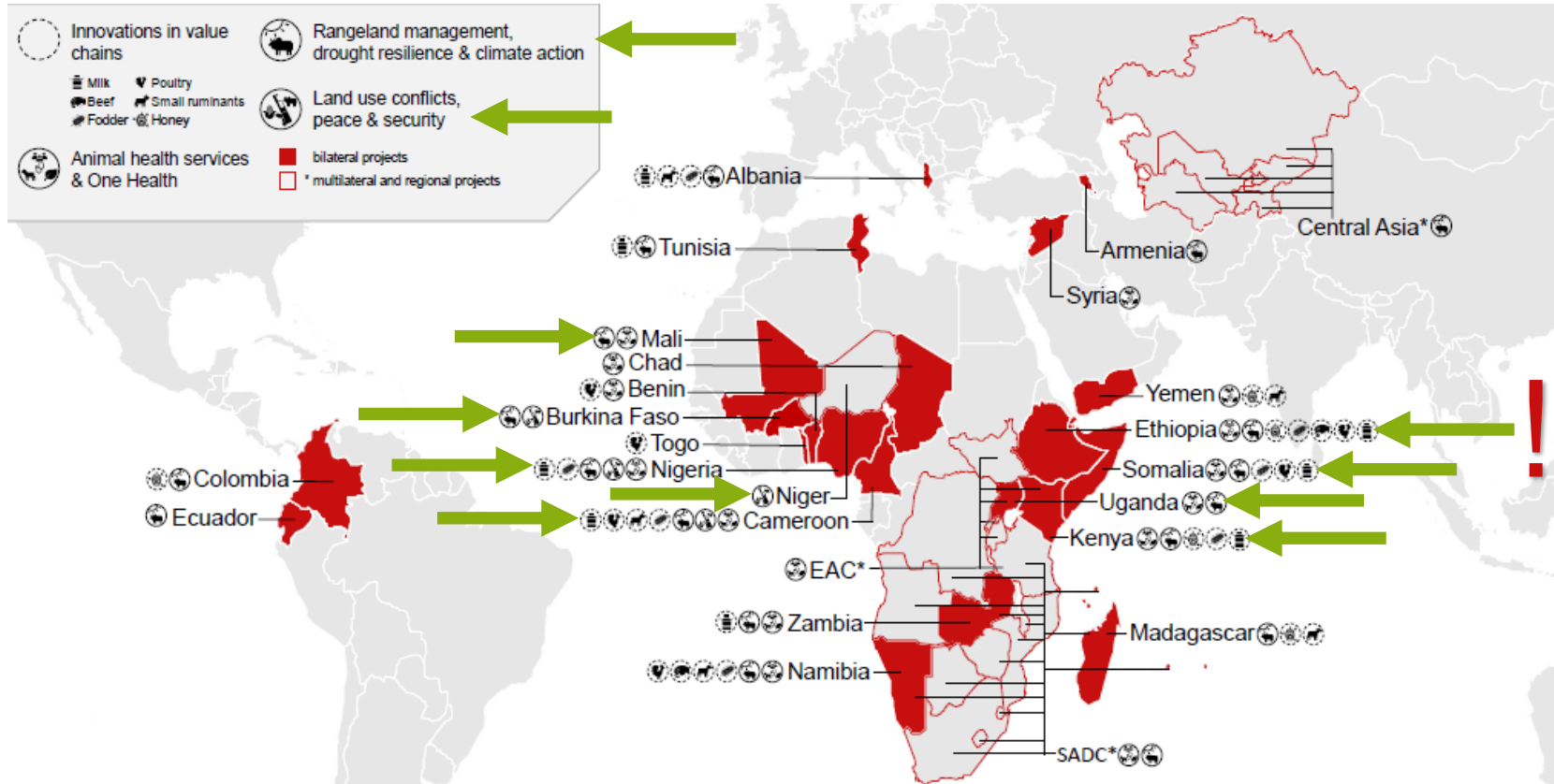
Dr. Ilse Köhler-Rollefson (*League for Pastoral Peoples and Endogenous Livestock Development*)

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Zusammenarbeit (GIZ) GmbH



LEAGUE FOR
PASTORAL
PEOPLES AND
ENDOGENOUS
LIVESTOCK
DEVELOPMENT

Introduction – GIZ's Portfolio on Livestock & Pastoralism



Ongoing livestock-related projects implemented by GIZ with relevant priority topics (November 2020)

Introduction – GIZ's (HQ) Expertise on Pastoralism



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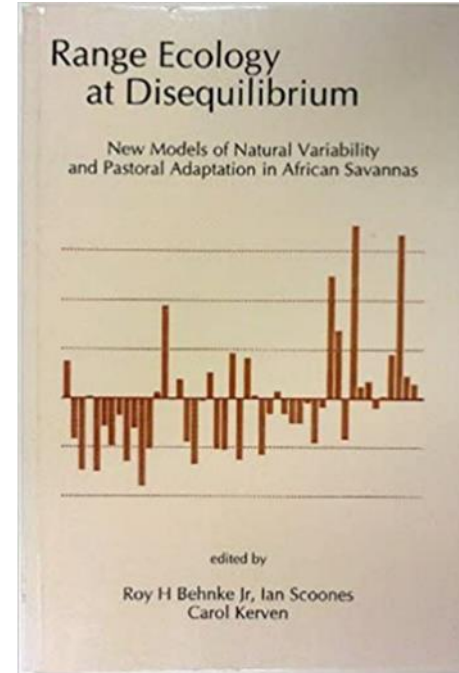
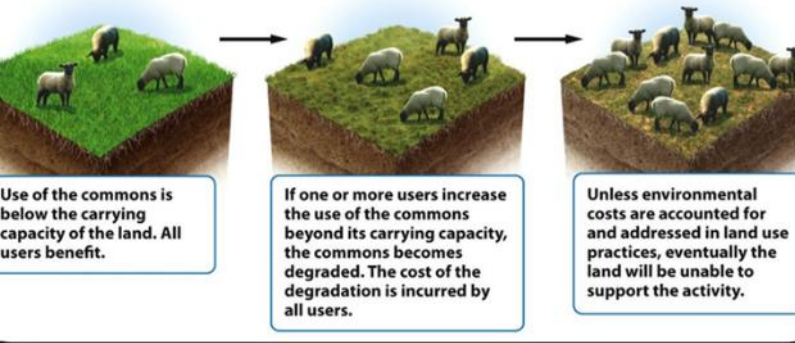
Introduction – GIZ's (HQ) Expertise on Pastoralism



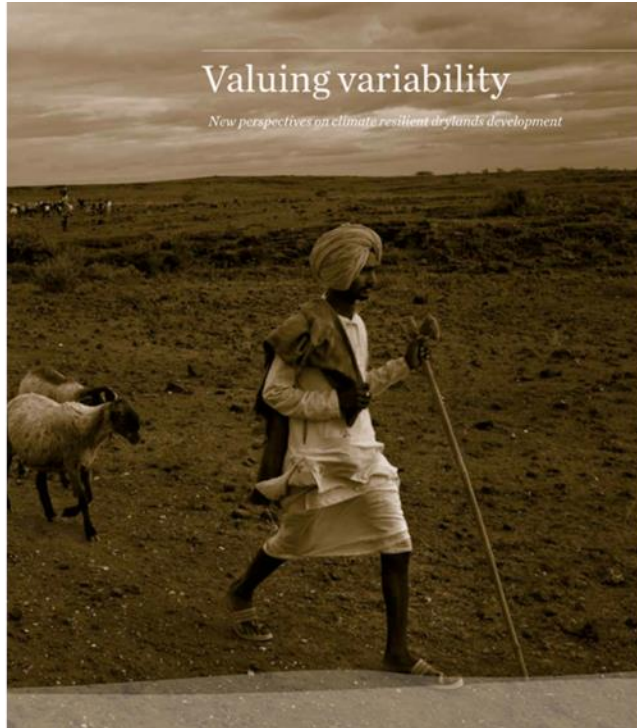
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Evolving Perspectives on Pastoralism I

The Tragedy of the Commons



Evolving Perspectives on Pastoralism II



Mobile Livestock versus Combine Harvester



- Fueled by bio-energy
- Harvests almost anything
- Processes into protein
- Goes anywhere
- Self replicating



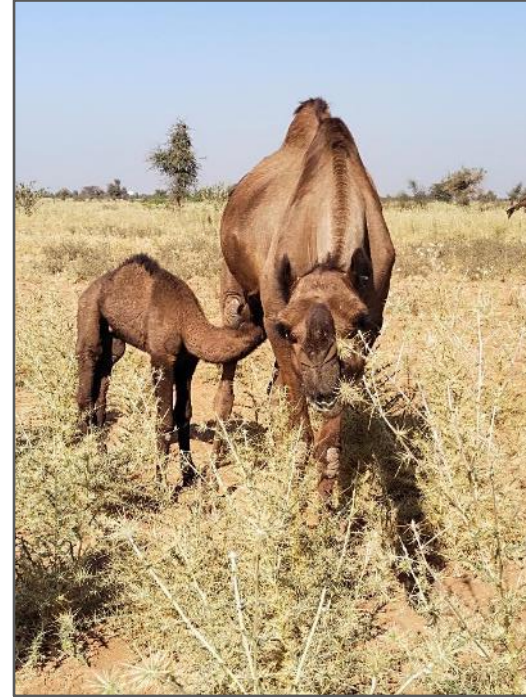
- Needs fossil fuels
- Can harvest only one crop
- Does not process
- Can only be used on flat cultivated land
- Needs to be replaced

Symbiosis between Farmers and Pastoralists in India



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Turning Indian Globe Thistle into Therapeutic Milk




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„36 camel forage plants may make Rajasthan’s camel milk the best in the world“



Trade-offs between Productivity and Resilience

- Fodder production can lead to increase in animal numbers and change to more productive breeds  vulnerability and loss of drought resilience
- Example: Red Maasai versus Dorper sheep in Kenya



Alternative Approaches: Focus on Quality rather than Quantity

Example: Camel milk (powder)

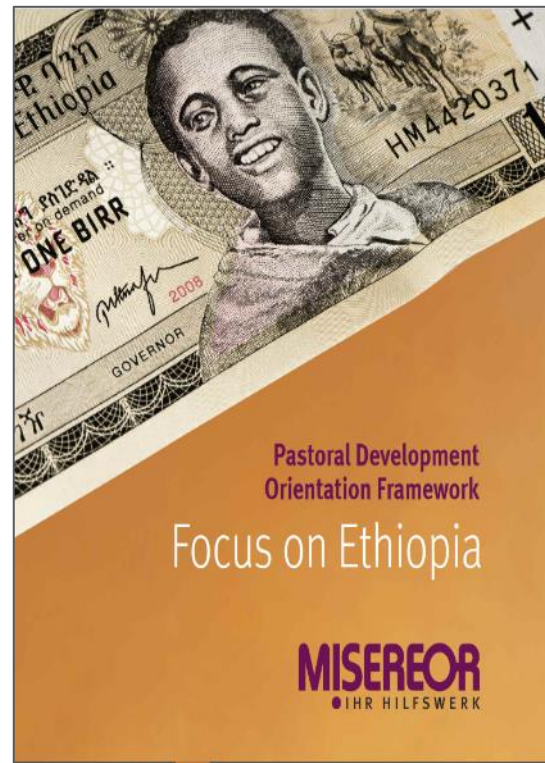
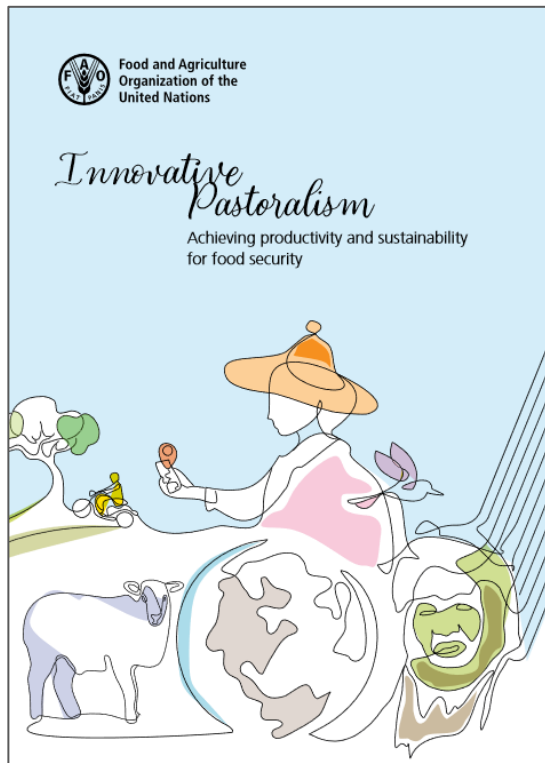
- High demand from China has led to huge increase in production, but much of it is fake and adulterated.
- Future will be in dairy that can be traced back.
- Ethiopia/Afar could have competitive advantage.
- Similar composition of forage trees as in Rajasthan: *Acacia*, *Ziziphus*, *Grewia species*, *Balanites aegyptiaca*, *Ficus sycomorus*, *Prosopis juliflora*, and *Salvadora persica*.



Some Thoughts...

- Would it make sense to **grow drought resistant fodder trees**, such as *Acacia sp.*, *Ziziphus sp.*, *Grewia sp.*, *Balanites aegyptiaca*, and *Salvadora persica*, in addition to fruit trees and ‘grass’?
- **Sylvi-pastoral systems** are regarded as ‘ne plus ultra’ by the Global Agenda for Sustainable Livestock (GASL).
- **Low carbon agro-ecological approaches are the future of livestock.**
- **High value niche markets rather than commodity approaches** have more benefits for farmers.
- **Camel milk** marketing is largely in **womens’ domain.**

Pastoralism – Current Developments & Future Perspectives



<http://www.celep.info/wp-content/uploads/2019/09/2019-Misereor-pastoral-development-orientation-framework.pdf>

International Year of Rangelands and Pastoralism 2026

Is Ethiopia on Board?



INTERNATIONAL
YEAR OF
RANGELANDS AND
PASTORALISTS

IYRP 2026 endorsed by FAO Council!

Support Mongolia's proposal for an IYRP!

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Follow the UN Process

<http://iyrp.ifo>





Thank you for your attention!



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