

Striking the balance: An innovative approach to enhance efficiency of the beef value chain through improving rangeland management in Botswana

FA1 - pilot project

- What problems / opportunities does the component solve / respond to?
 - Low meat productivity
 - Bush encroachment, land degradation, biodiversity erosion
 - Increasing income from tourism through a sustainable competitive beef production
- What are the components proposed solutions to the problems / opportunities?
 - Integrated bush encroachment and invasion management to improve meat production
- Who are the component's clients, and how will the component market / 'sell' its services/products to them?
 - Government: Dev. of Integrated weed control Management (IWM) and a novel marketing approach to turn invader bush into a marketable commodity for the livestock sector and wildlife
 - Livestock. value chain actors willing to buy animals from farms applying IWM and that are turning invader bush salable commodity
 - Tourism industries interested in paying for balanced ecosystem services
 - Donors supporting sustainable rangeland managed as a natural ecosystem for grazing livestock and wildlife habitat.
- What is the component's added-value?
 - Twofold proof of concept: (1) development of a novel method to address bush encroachment in order to balance livestock production with the environment and wildlife; (2) concept with replication potential in communally grazed lands/ranches
 - Support to multi-stakeholder engagement
- What are the component's key activities?
 - Project preparation: expert workshops & multi-stakeholder consultations, technical assessment and development of methodological approach
 - Project implementation:
 - Identify rangeland management systems in different livestock systems and IWM technologies
 - Develop an innovative approach to turn invader bush into a salable commodity with a market value
 - Economically and environmental valuation of IWM technologies under different livestock management systems
 - Capacity building e.g. training of extension workers, farmers etc.
- What are the component's estimated capital and resource requirements?
 - 60 K (USD) for the finalization of project preparation
 - 500K (USD): during implementation, monitoring and evaluation



Reducing efficiency gap in the sheep value chain through a sustainable fattening system and smart marketing in Ethiopia

FA1 - pilot project

What problems / opportunities does the component solve / respond to?

- Low productivity of small ruminants
- Shortage of meat supply at national level
- Farmers receive unfavorable prices for their animals due to production and market inefficiencies

What are the components proposed solutions to the problems / opportunities?

- Designing intervention strategies for sheep fattening aimed at optimizing feed utilization efficiency
- Smart marketing along the small ruminants' value chains including contracting arrangements

Who are the component's clients, and how will the component market / 'sell' its services/products to them?

- Government: Growth and transformation plan of the Ethiopian Government targets to double meat production in five years
- Export abattoirs (currently operate at 30% capacity) through greater quantity and reliable supply of animals
- Support to multi-stakeholder engagement
- Proof of concept with replication potential in different production systems

What are the component's key activities?

- Project preparation: technical assessment and multi-stakeholder consultations
- Implementation:
 - Development of a fattening systems tool and sustainable feeding technologies
 - Technical Interventions
 - Measurement of lamb fattening performance and carcass quality by breed and feed technologies
 - Testing of feed rations that maximize feed conversion ratio
 - Testing for the performance of various breed types (indigenous, crosses) and their market potential
 - Qualitative and quantitative data collection on market information communication & related market animal performance analyses
 - Facilitation of negotiation between farmers and buyers through contracting

What are the component's estimated capital and resource requirements?

- 50K (USD) for the project preparation
- 500K (USD) during implementation: monitoring and evaluation

