

Tuli Cattle Breeders' Society
of South Africa

- The Intelligent Choice -
Fertile, Profitable, Range Cattle

Tuli



TULI SOCIETY INCLUSIVE GROW INITIATIVE GRANT APPLICATION



PROPOSAL FOR FUNDING



TITLE

Tuli Growth Initiative: Commercialization and conservation of the indigenous Tuli cattle breed on emerging farms in South Africa

CLIENT:

FIRSTRAND PHILANTHROPY

AMOUNT REQUESTED:

R 20 0460 580,00

OTHER CONTRIBUTIONS:

R2 300 000,00

TOTAL COST:

R 22 429 300,00

PROJECT PERIOD:

2023-2027

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JUSTIFICATION

- The project endeavors to incubate and mentor farmers in the emerging sector that have potential as commercial producers and marketers of the Tuli cattle breed.
- The intervention will enable development of profitable breeding herds of at least 100 pure bred Tuli cows with bulls, improve production facilities and farmer capacity through skills and mentorship over a 5-year period.
- Grain fed beef will not be sustainable in 30-50 years due to global warming

AIM & OBJECTIVES

OBJECTIVE OF PROJECT

- To improve herd sizes and productivity of Tuli breeding herds in the emerging sector for increased economic, and environmental sustainability and food security

• SPECIFIC OBJECTIVES

- a. To create financially sustainable and climate resilient Tuli beef production enterprises
- b. To improve productivity and quality of weaners through genetic improvement and animal health management
- c. To improve utilization and management of rangelands and water resources
- d. Improved access to markets through production of high-quality animals

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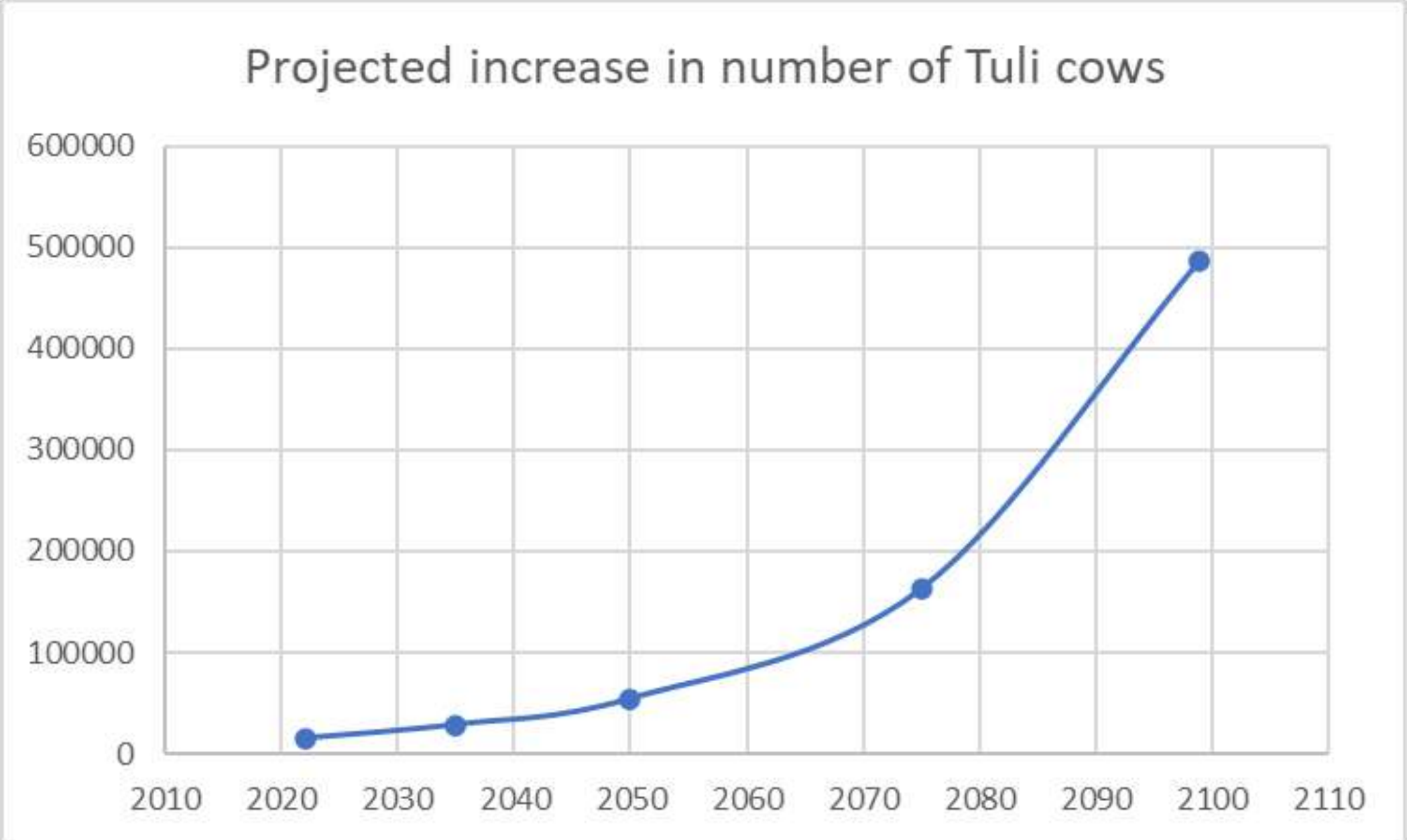
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Risk Mitigation against climate change and local economic pressures

- Climate change will happen at an unprecedented rate in southern Africa in the next 10 years
- 40% less maize in Africa due to *El Nino* weather system
- Although South Africa is a leader in red meat production on the continent, commercially recognised indigenous breeds such as the TULI cattle constitute less than 1% of the commercial herd.
- It is imperative that the region directs commercialization of its heat- tolerant and hardy indigenous species of crops and animals
- Scaling up commercial production of Tuli cattle on emerging farms will enable growth and certainly conservation of this genetic resource.
- The commercial herd of breeding cows should grow to at least 15% in the next 80 years as a **climate change adaptation strategy** for the region

GROWTH OF NATIONAL TULI CATTLE & CROSSES 2023-2100: ADAPTATION STRATEGY



TARGET GROUP

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- LIST OF 14 ACTIVELY ENGAGED FARMERS
 - EXPERIENCE
 - SELLING
 - NO CRIMINAL RECORD
- REGISTERED ENTITIES –COMPLIANCE
- LAND –LEASE OR OWNERSHIP
- FACILITIES
 - HANDLING FACILITIES, FENCES & CAMPS
- WATER
 - AVAILABLE
- ON PROPERTY
 - WORKERS

CURRENT AVERAGE PERFORMANCE OF TARGET FARMERS

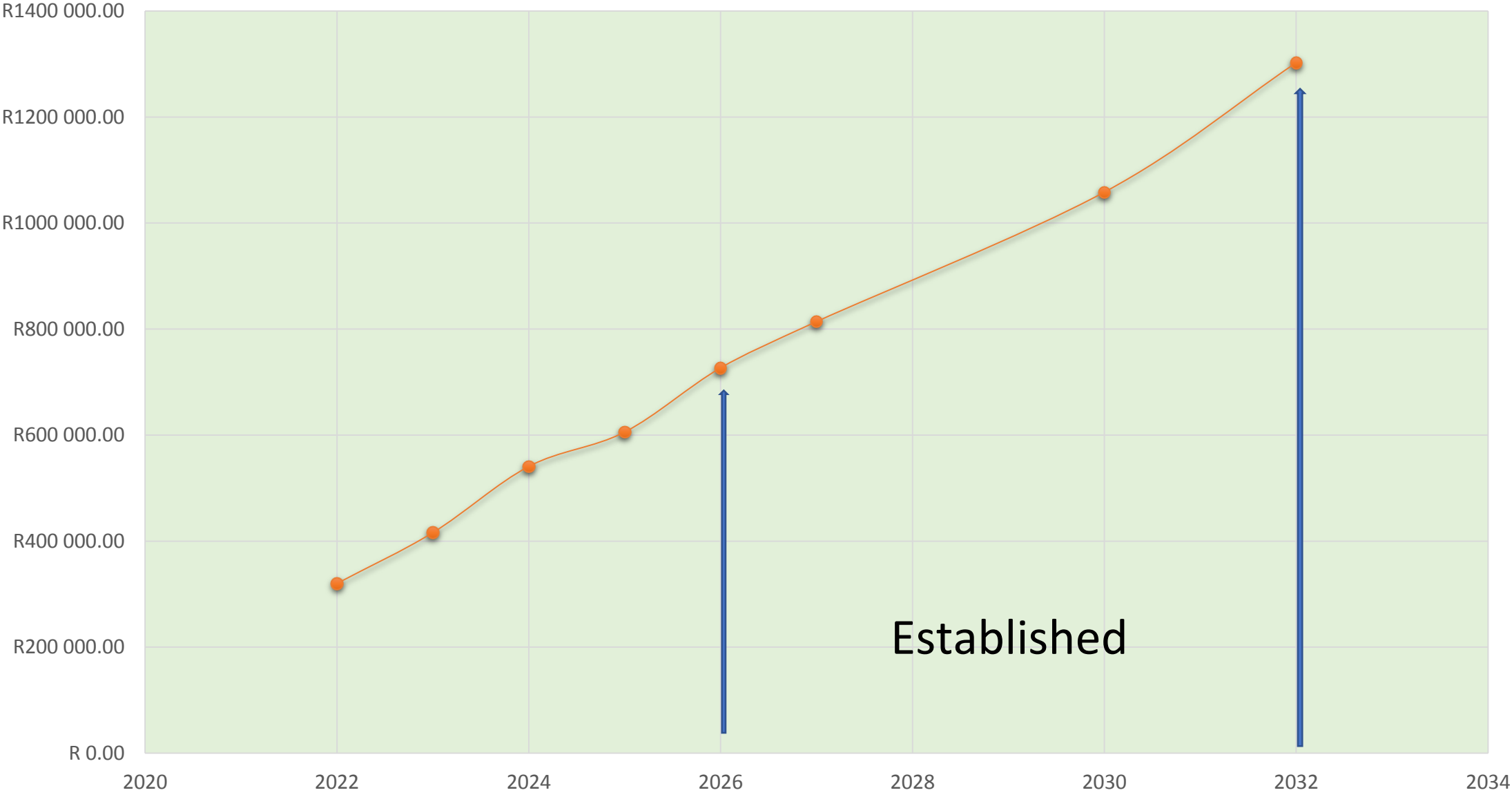
Entry level: COW-CALF SYSTEM Offloading calculator- EMERGING SECTOR:2021-22						
age group of females	estimated wastage %	total number in group	Projected mortality	Replacement Heifers	OFFLOADED for market	Live Sales
I.Calving period	460+					
Replacement						
6 months	1%	19	1	10	9	R76 000,00
1,5yrs	5%	0	0			
Breeders						
2,5yrs	5%	20	1		1	R9 900,00
>3	3%	36	2		2	R17 000.00
old cows	2%					
bullocks		18			18	R162 600,00
Total		85	3	10	30	R265 400.00
Total breeding herd-2022				72		
% Increase in breeding herd				17		
% Herd projected for sale				28,0		
% attrition				4		

INTERVENTIONS toward commercialization

- LEGAL ENTITIES REGISTERED & FINANCIAL COMPLIANCE
- UPGRADE OR INCREASE BREEDING STOCK
 - 100 BUSINESS UNIT (PURE & CROSSES)
 - BULLS
- UPGRADE FACILITIES
- SKILLS DEVELOPMENT
 - MENTORSHIP (PARTNERSHIP)
 - TRAINING (PARTNER WITH AGRISETA/NERPO)
 - RESEARCH (PARTNER WITH NERPO/ARC/RMRDSA)
- TECHNICAL SUPPORT
 - ANIMAL IDENTIFICATION
 - DISEASE CONTROL
 - VELD & PASTURE CARE etc



Expected income from sales-Emerging Farmers



Established

Measurable Impact indicators:

- a. Sustainable management of grazing lands and water resources- improved veld carrying capacity; management of freshwater courses and surface storage
- b. Business compliance - (registered legal entities that submit audited returns)
- c. Compliance with Production, animal health and identification protocols and regulations
- d. High animal productivity (Breeding, Nutrition, health, Reproduction, Market Plans)-
- e. Skills learned and applied (certificates)
- f. Market access and sales (records of sales)
- g. Number of employees and skills development per household
- h. New investments stimulated by the Tuli business (entrepreneurship)
- i. Registered members of the Tuli society

PROJECT BUDGET- GRANT

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Description	Total Cost	From Foundation	From Other	Comments
Enterprise development	R13 900 000,00	R 12 840 000	R1 360 000	Farmer contribution
Capacity building	R4 400 000	R3 356 000	R500 000	Agriseta
Research for development	R1 306 800	R784 080	R522 720	Redmeat Industry
Project Administration	R2 822 500	R2 822 500	0	
TOTAL	R 22 429 300	R20 046 580	2 382 720	

Full Names	Role	Responsibilities
Ben Raathi	Project Principal	Leader
Dave Mullins	Technical Support Lead	Project Coordination
Dirk	Financial Lead	Project admin and financial reporting
Charl	Master Mentor	Mentoring
Ed	liaison	Engagement with Industry stakeholders
Stephen	Mentorship Lead	Mentorship -Regulation & Compliance
Jim	Chair- Steering Committee	Oversees implementation
Albie	Skills Development Facilitator	Training Facilitator
Dr FV Nherera-Chokuda	Collaborator/Partnerships	Development facilitation -emerging sector commercialization
Ann-Marie	Admin & Correspondence	

Collaborators

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25 years of advocacy & developmental support

COMMERCIALIZATION of REDMEAT PRODUCTION in the emerging s

