

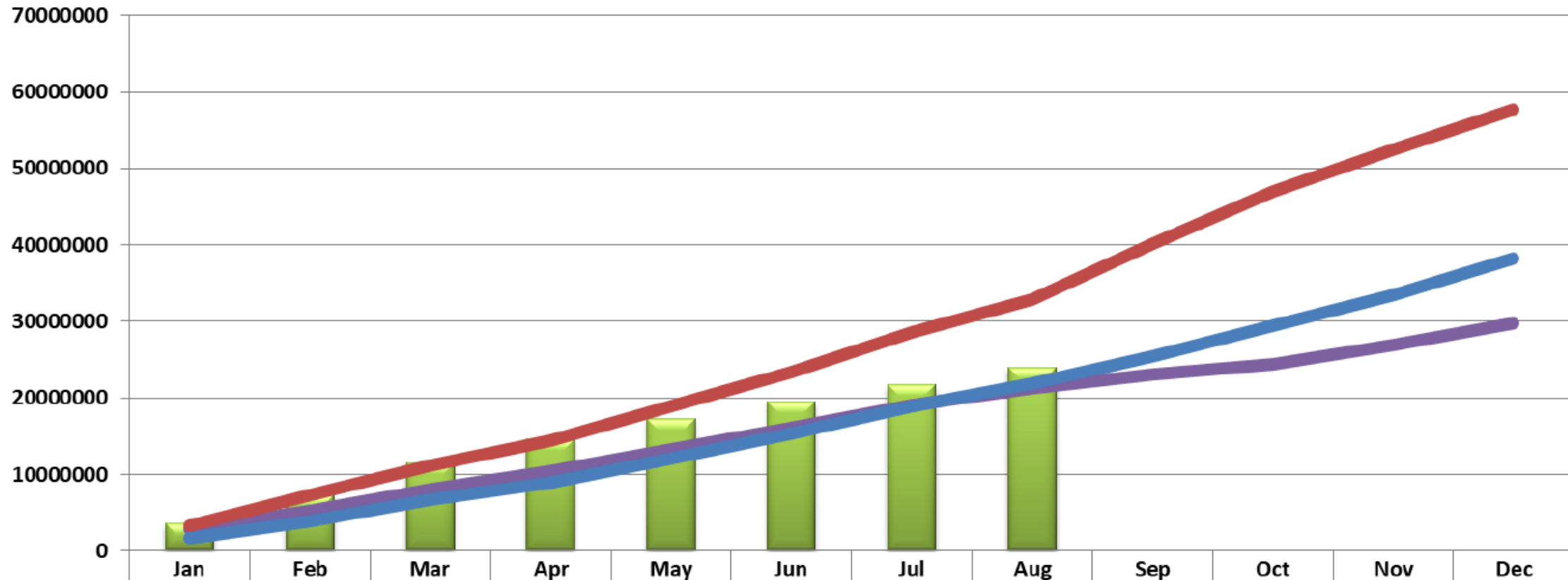
EASTERN CAPE LIVESTOCK SECTOR DEVELOPMENT & GROWTH

AGRI EC CEO: BRENT MCNAMARA



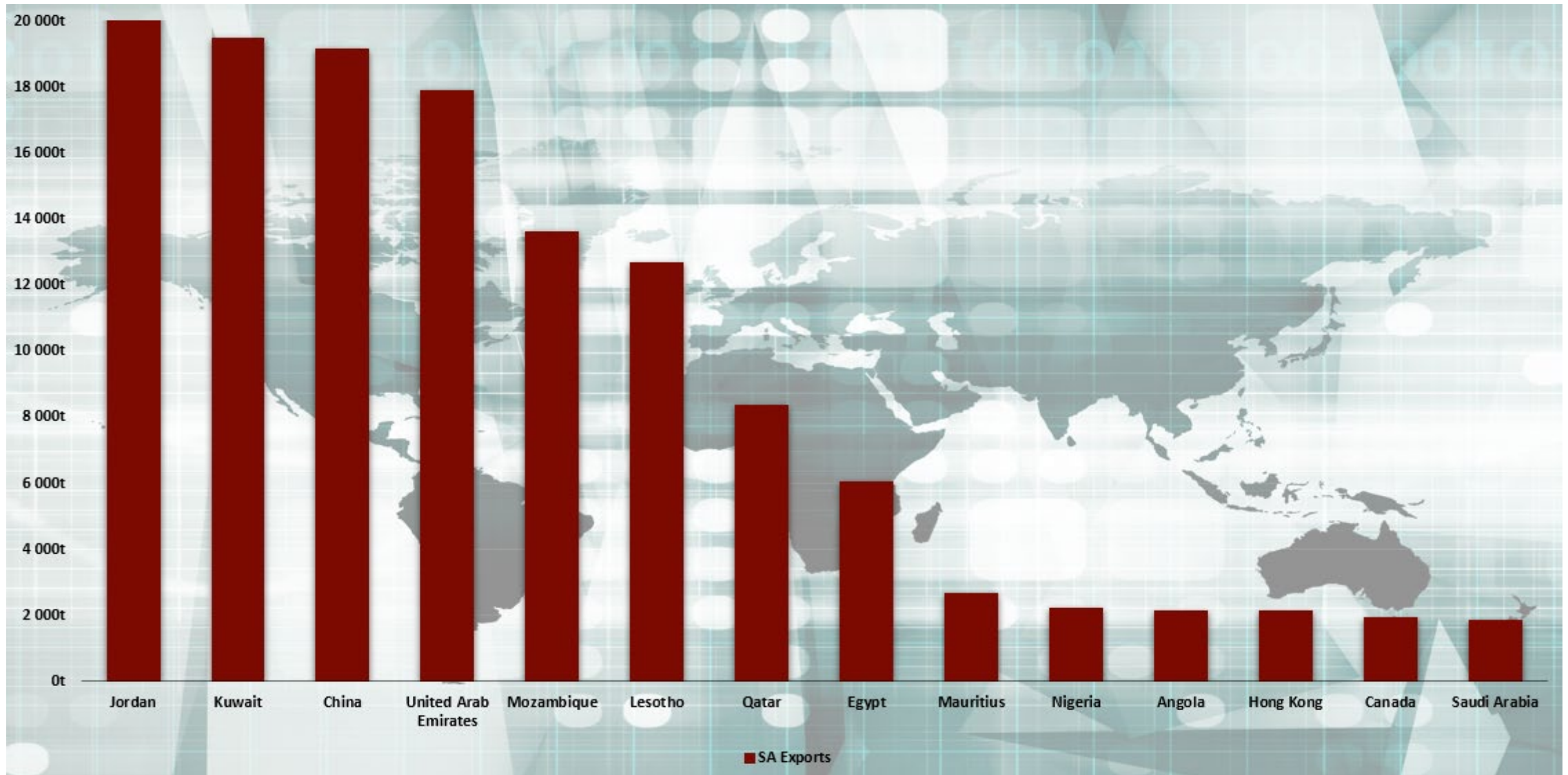
EXPORTS UNDER BOVINE MEAT

EXPORTS Under BOVINE MEAT 2022/2025 Cumulative



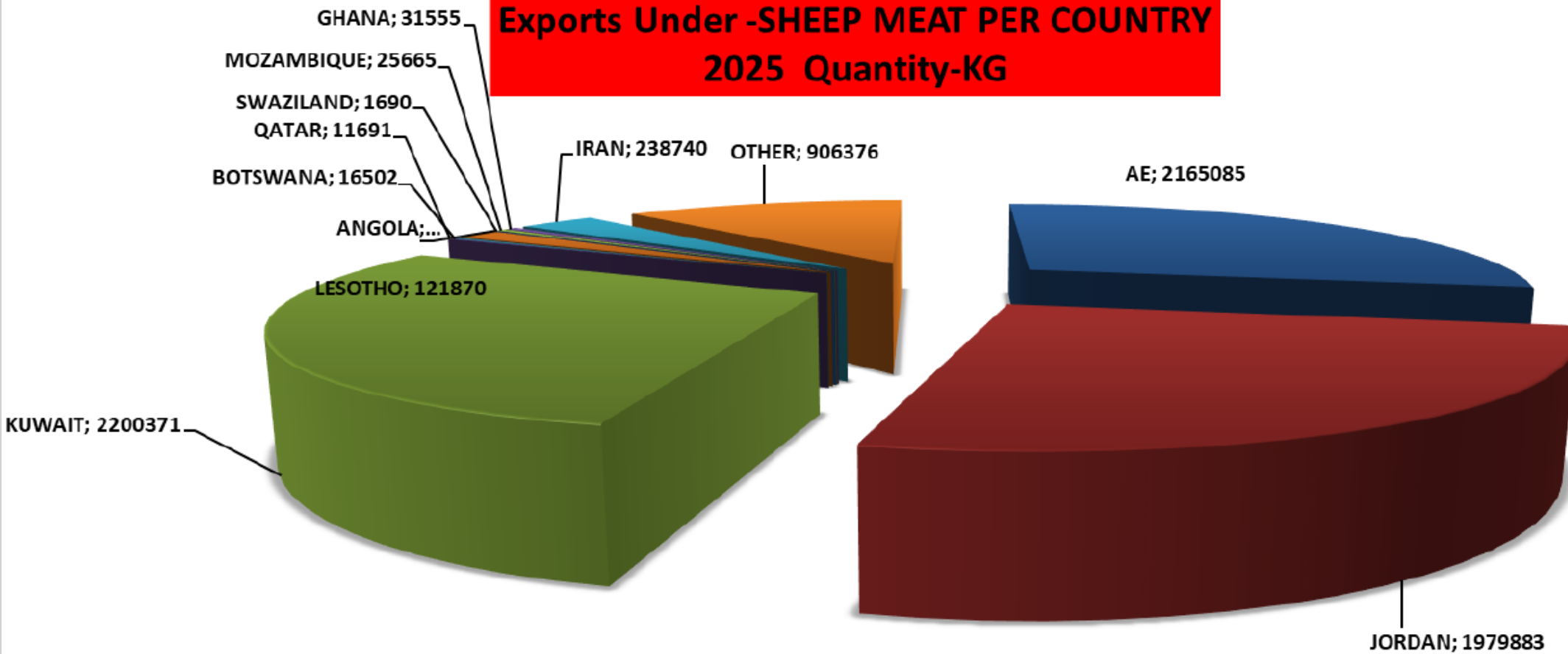
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
BOVINE MEAT-2025	3572064	7365322	11457888	14621388	17271942	19429638	21678451	23952249				
BOVINE MEAT-2022	2848676	5240904	8012361	10486791	13280872	16109668	19068588	21345779	23004386	24354940	26963352	29753674
BOVINE MEAT-2023	1624603	3885044	6643692	8950026	12074321	15330906	18974000	21822788	25500382	29461154	33463019	38170912
BOVINE MEAT-2024	3225265	7255181	11146963	14415545	18892930	23295528	28521790	32914832	40093351	47054802	52453634	57666629

SA Beef Export Destinations

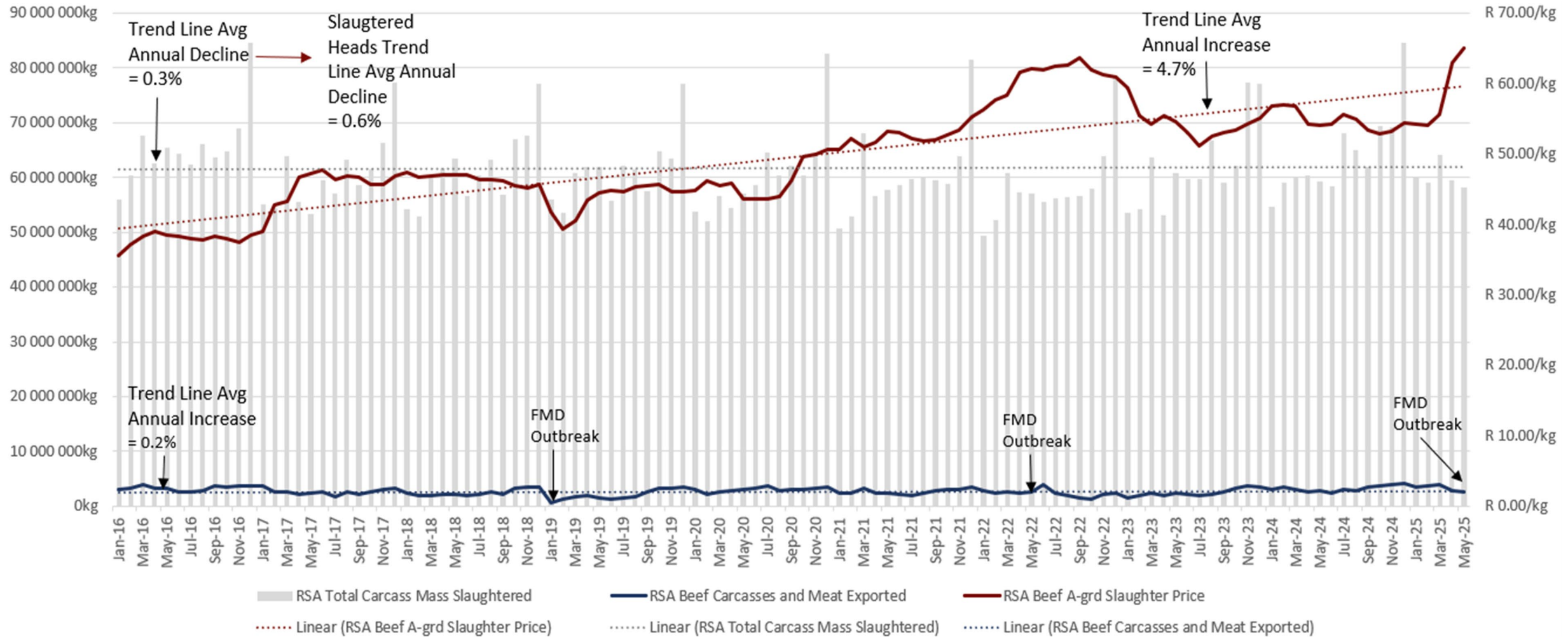


EXPORTS

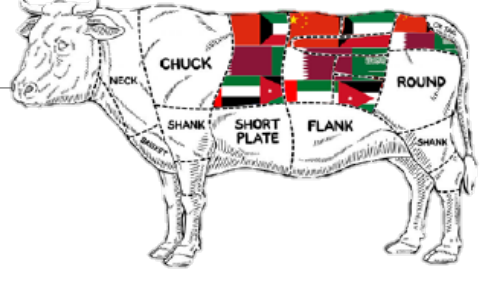
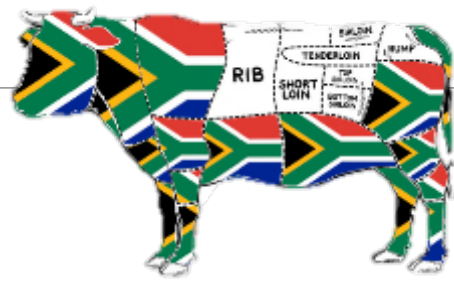
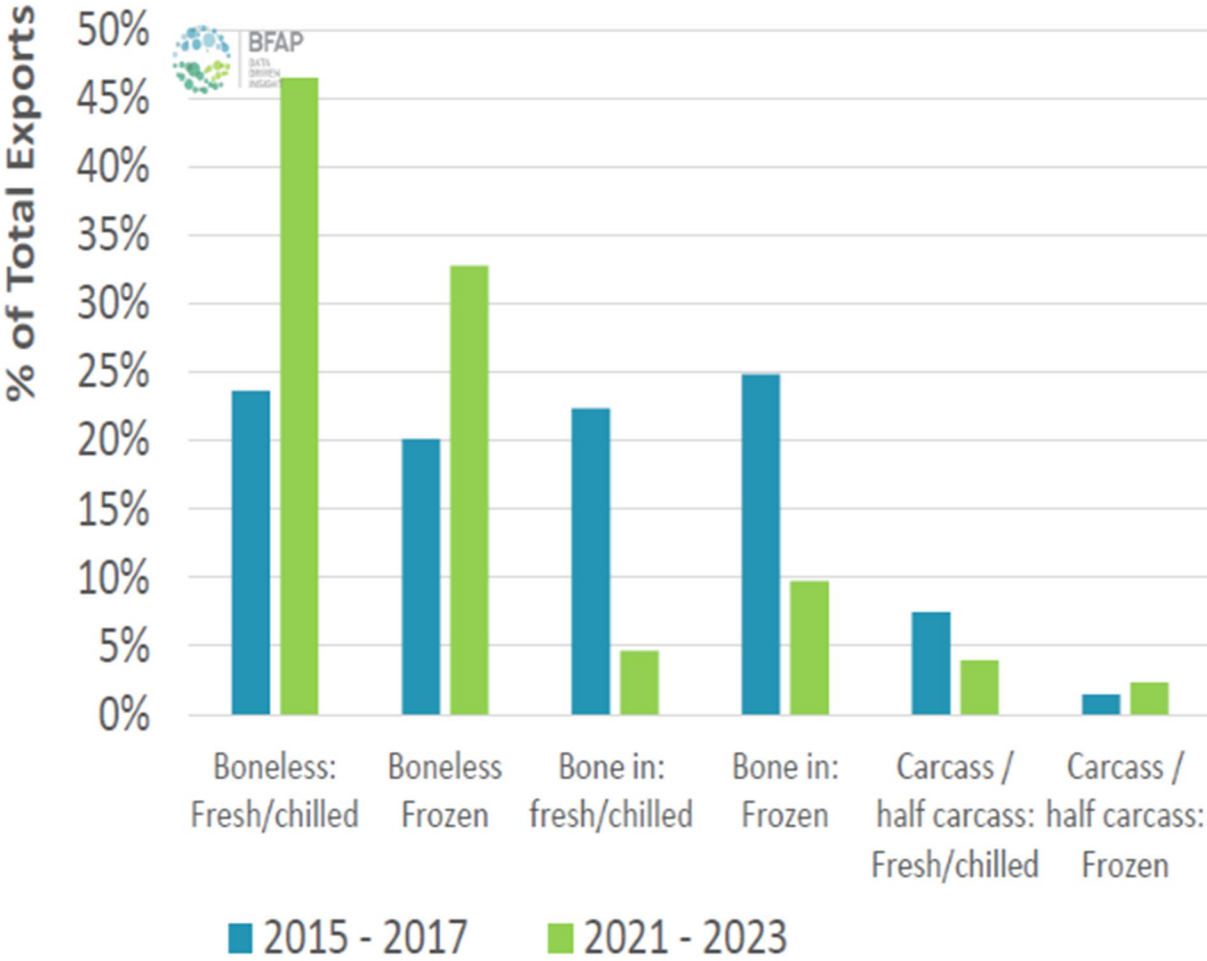
Exports Under -SHEEP MEAT PER COUNTRY 2025 Quantity-KG



SA Slaughtered Volumes vs Exports vs Slaughter Price



Exports are Core to Unlocking Growth Opportunities



= Optimal Carcass Value

Average Annual Growth Rates on Local and Export Prices

	2019-2024
A2 Prices (R/kg)	5.19%
Weaner Prices (R/kg)	2.17%
Fresh or chilled boneless cuts (R/kg)	6.92%
Frozen boneless cuts (R/kg)	9.06%
Beef Fillet Steak	6,70%
Beef Mince	4.85%
Fuel (11.4%), Feed YM (9.7%), Elec (12%)	11.00% (avg.)

The forecast for meat

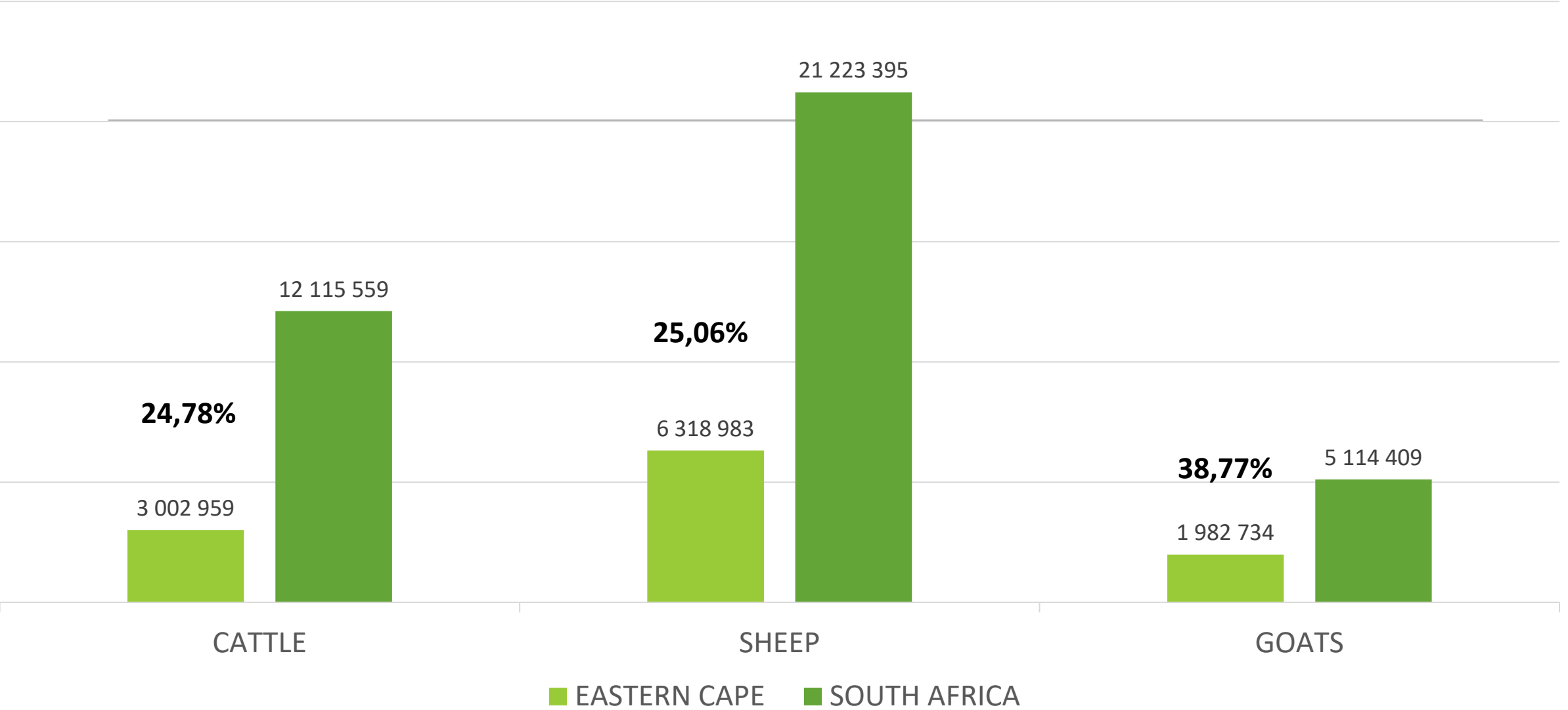
- The world demand for meat is expected to rise from 229 million ton in 1999 to 465 million ton in 2050 with the global number of meat producing animals that will have to increase to meet this demand
- A major increase in meat demand can be expected in developing countries.

3. Stats about the contribution and importance of livestock production in SA

- Accounts for more than 40% of the total value of agricultural output
- Occupies 80% of agricultural land and the only viable method to utilize non-arable land resource
- Primary income generator in most rural areas
- Animal food products are major contributors to a balanced diet due to its high biological value of protein and significant quantities bio-available minerals and vitamins – fibre and textiles
- Livestock earnings amount to 10% of agricultural exports
- 2 125 000 dependant on livestock for livelihood
- 425 000 employed
- Agriculture with backward and forward linkages accounts for 30% of SA economy with livestock contributing about 33% of that



2025 LIVESTOCK STATISTICS



The major components of beef cattle production

- Breeding (Genetics)
- **Reproduction**
- Nutrition
- Health
- Management in general

What is the situation we are facing with farm animals in the developing agricultural sector

- Low reproduction rate (can be as low as 25-35%)
- Animals calving/lambing at the wrong time of year
- High mortalities amongst offspring
- Low weaning rate
- Females not calving/lambing regularly
- Females taking longer than normal to reach puberty)(also an issue with too old animals kept in herd and still calving)
- Herd structure abnormal (too many males and castrates not enough females)
- Animals suffering from infectious disease
- Animals suffering from deficiencies (nutritional deficiencies)
- Animals under nutritional stress for large part of the year
- Low growth rate amongst calves and lambs
- Drastic condition loss amongst lactating females
- Animals in marketable condition for small period of the year

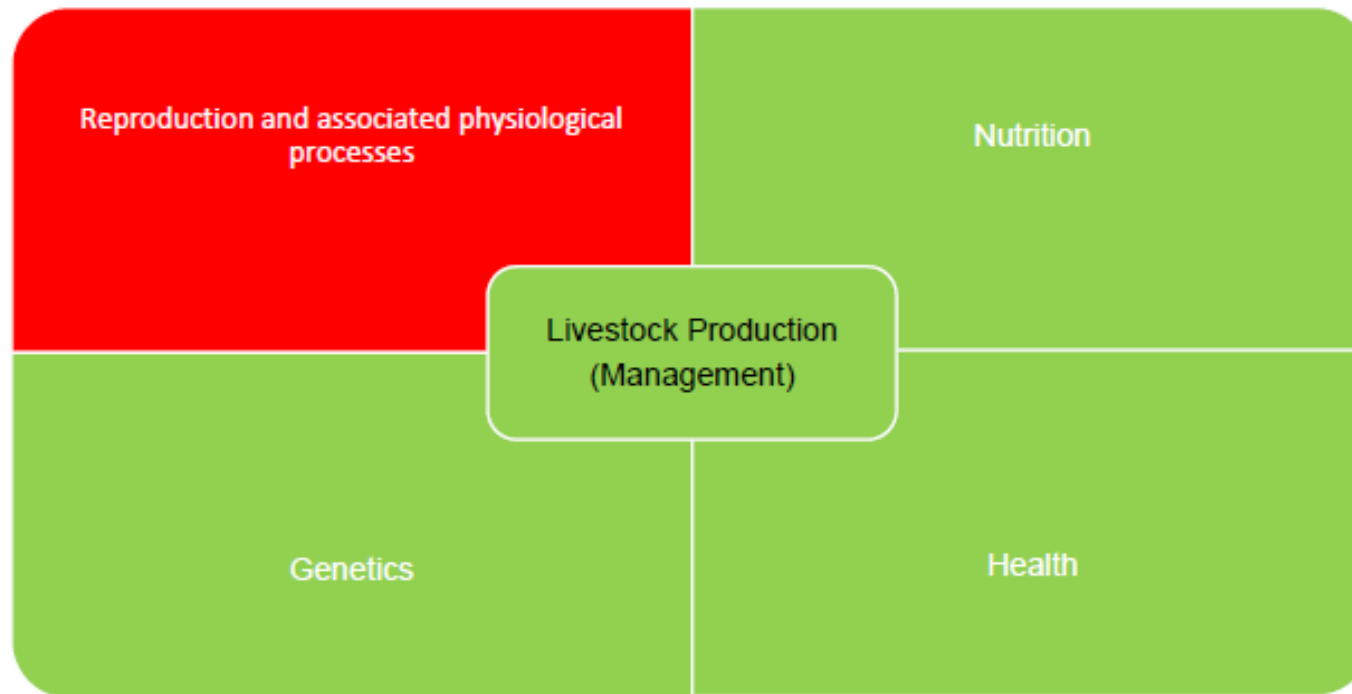


Calving percentage for cows in the Communal and Commercial treatments

Year	Communal management (Wartburg)		Commercial management (Döhne A.D.I.)	
	Calving %	Re-conception %	Calving %	Re-conception %
2003	38.5 ^a		42.3 ^a	
2004	52.0 ^a	36.4	88.0 ^b	90.9
2005	48.0 ^a	38.5	84.0 ^b	86.4
2006	29.6 ^a	8.3	69.0 ^b	72.9
2007	37.0 ^a	25.0	80.0 ^b	83.9
2008	27.2 ^a	24.5	93.8 ^b	90.9
2009	21.4 ^a	19.5	68.8 ^b	71.4
2010*	34.4 ^a	26.2	93.6 ^b	85.5
Average	35.7 ^a	25.2	82.6 ^b	83.9



9. What elements form part of a livestock production system and which can be manipulated?



Importance of Reproduction

Reproduction is one of the most important aspects of farm animal production

Sub-optimum reproduction can be absorbed in the short term but not for a long period of time

If animals do not reproduce, the total production system will collapse in the long term

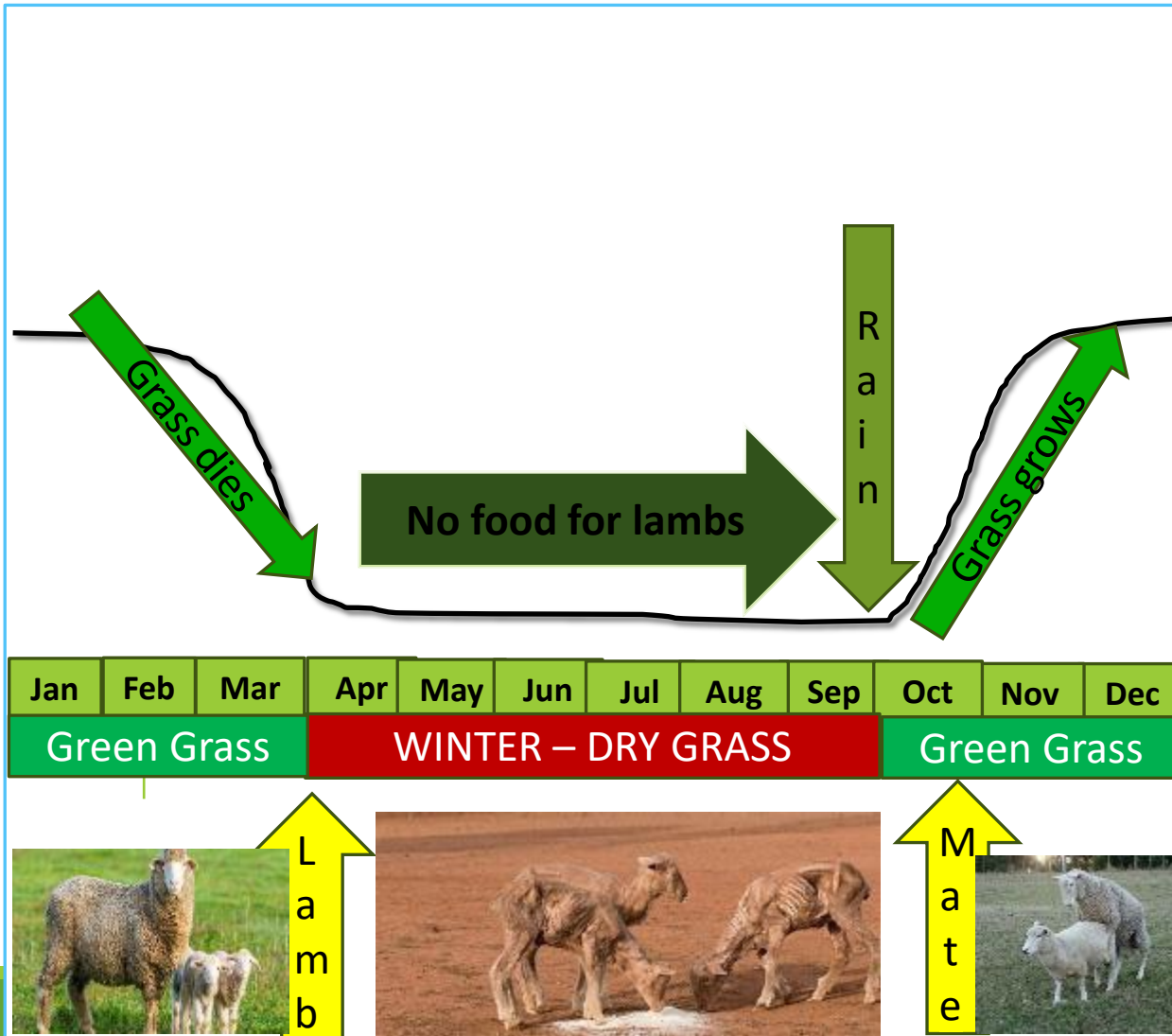
Example for cattle: For every cow that does not calve, you need 2 extra calves to cover for the loss in production (one less calf and a passenger cow for another production cycle)

When an animal is subjected to severe stress, reproduction is the first physiological function to shut down – Why?
Because it is about survival and is a characteristic inherited from wild species

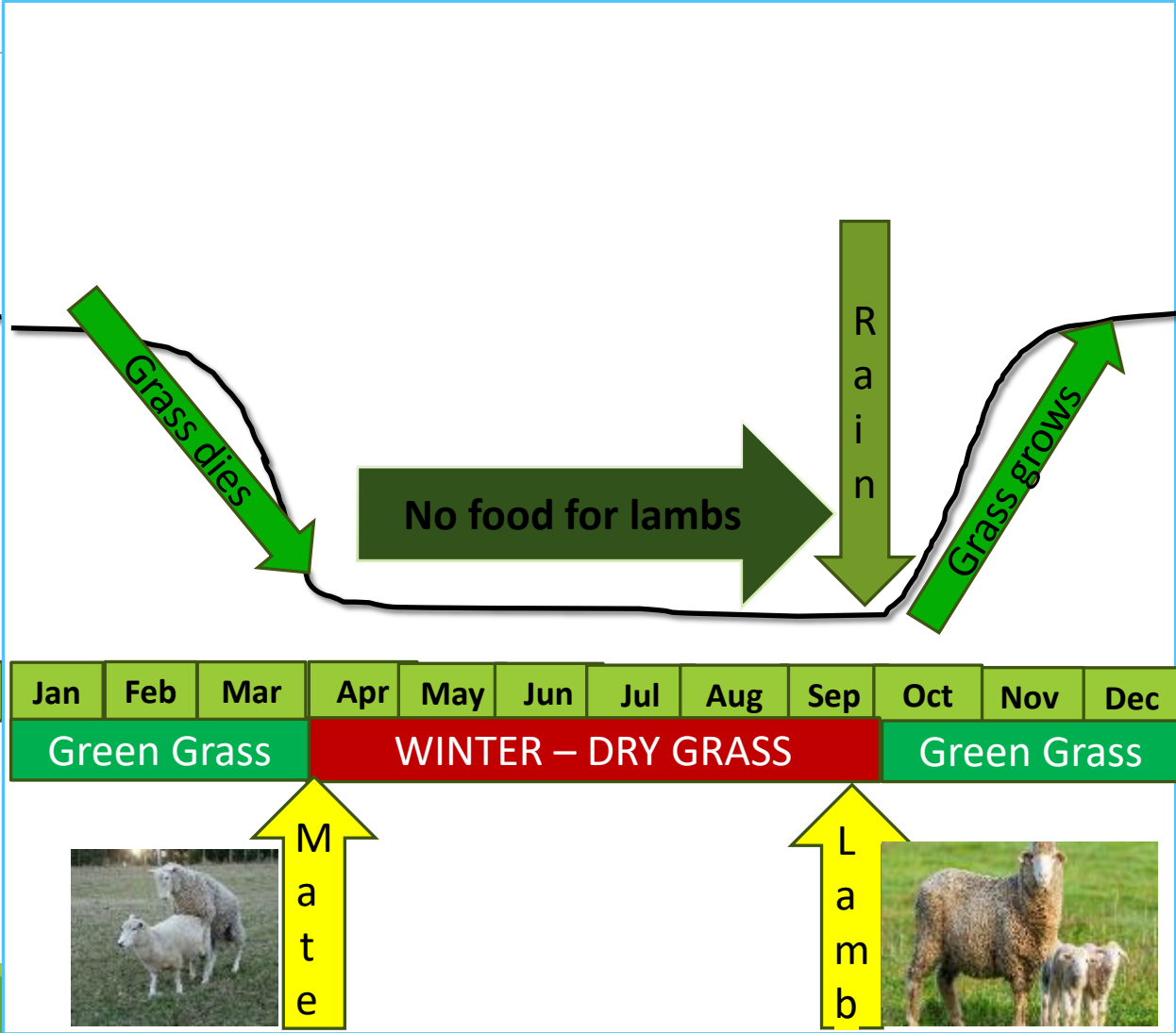


2 x MATING SEASONS – EC Communal areas

CURRENT COMMUNAL SYSTEM: Mate-October



PROPOSED COMMUNAL SYSTEM: Mate-April



Management elements - Wool Sheep Farming

Indlela yokuphatha

1

MANAGEMENT ACTIONS

Husbandry
Environmental
Administration
Record keeping
Finances

Ukutya
kwezilwanyana

2

NUTRITIONAL (FEEDING) ACTIONS

Impilo yezilwanyana

3

HEALTH ACTIONS

THE 3 MAIN ELEMENTS OF A WOOL SHEEP PRODUCTION SYSTEM

TRACEABILITY

- INDIVIDUAL ANIMAL ID
- PRODUCTION UNIT ID
- AUDITABLE CERTIFICATION
- ROLE OF AGENTS



RFID Z-TAG FDX CLOSED/M1 CATTLE R30.68



SHEEP OVINA MALE & FEMALE TAG SET INCL QR CODE & PRINTING R7.54



TRACEABILITY PLATFORM STEPS FOR REGISTERING YOUR PRODUCTION UNIT

1 Go onto the RMIS Platform

- Visit www.rmis.co.za
- On the taskbar select **Services** then **Traceability**
- Click on the button: **Register your production unit**
- This will take you to the RMIS Platform



2 Register your account

- A popup will appear on the screen to **SIGN IN** or **REGISTER**
- Type in your phone number and click on **Register**
- Type in the verification code send to your phone and click on **verify**
- Type in your preferred username

(Tip: use your name and surname, no numbers are accepted in this field)

3 Identify your location

The application will take you through a tour, click on **Next** in the bottom right corner.

- Click on **Identify Location**
- Select your location type
- Search for your location.
- Zoom in until the portion boundaries appear and select the portion(s) for your farm. Click on **Next**

(Tip: you can search for the closest town or portion name in the upper right-hand corner)

4 Capture your details

- Type in the farm name and select the ownership type – owner / rental
- Select your production type(s) – cattle, sheep, goat, poultry, game, dairy, grain
- Enter the company / individual contact details
- Read through the terms and conditions then tick the **Agree** box

DONE

5 Communication afterwards

- You will receive a WhatsApp to confirm you have successfully identified your production unit.
- Within 7 days you will receive your official GS1 Certificate with your verified production unit number via WhatsApp.



ANIMAL IDENTIFICATION AND MOVEMENT SYSTEM

RPO
Eastern Cape

