

Is there room for growth in South Africa's agriculture?

Agbiz information day

7 Nov Menlyn, Pretoria

8 Nov Lemoenkloof, Paarl





Do we still believe that there is growth??







Greatest value add lies beyond the farm!





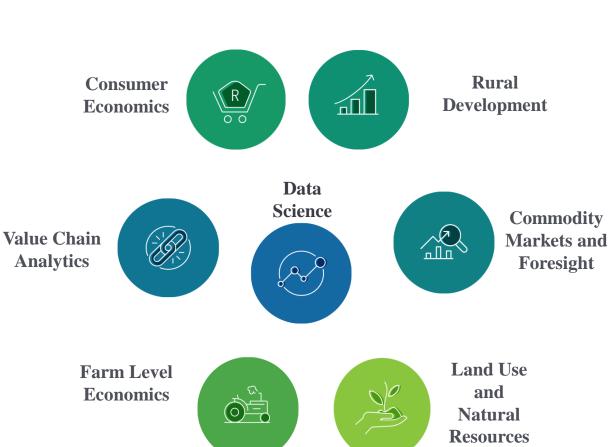
BFAP group's analytical approach

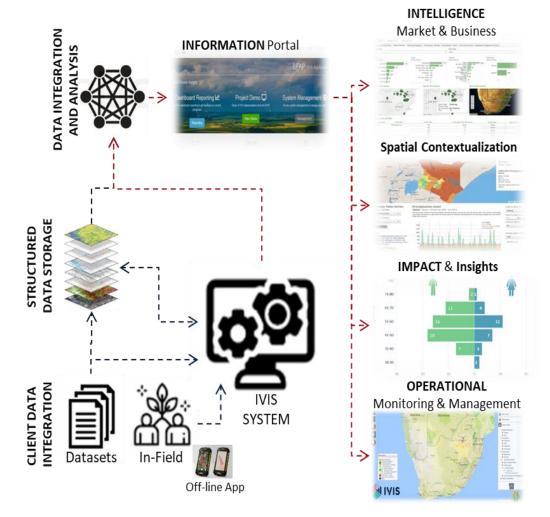




Integration & presentation

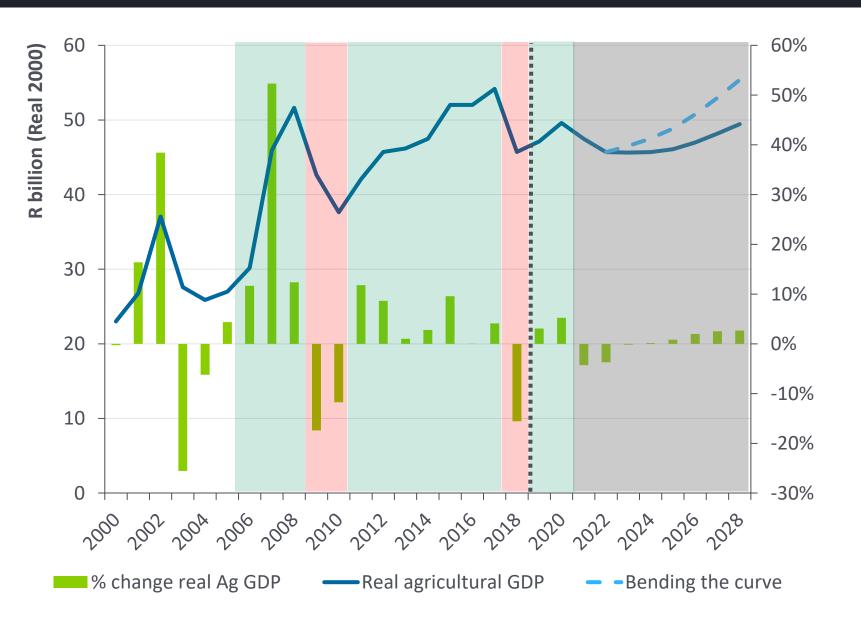






Performance: Agricultural GDP





Growth Periods:

- International factors:
 - New level for international prices Biofuel & China Economy
 - Consecutive droughts in USA & low stocks
- Domestically:
 - Sustained investment & export driven expansion

Weak periods:

- Global recession
- Domestic weather & animal disease impacts

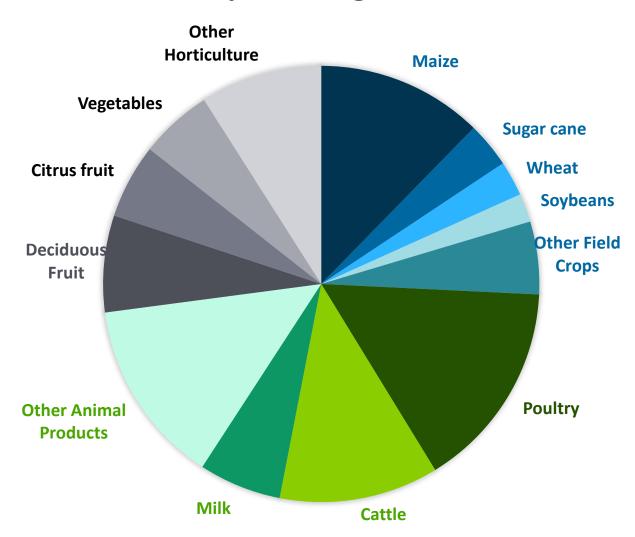
Going forward:

- Short term global support?
- Business as usual vs. accelerated growth

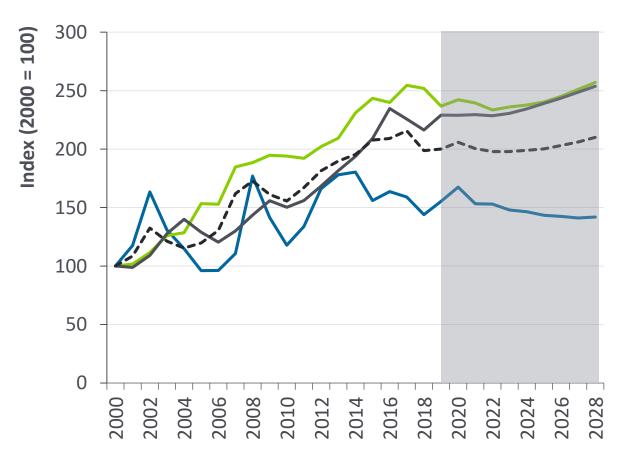
Subsector Performance



5 year average share



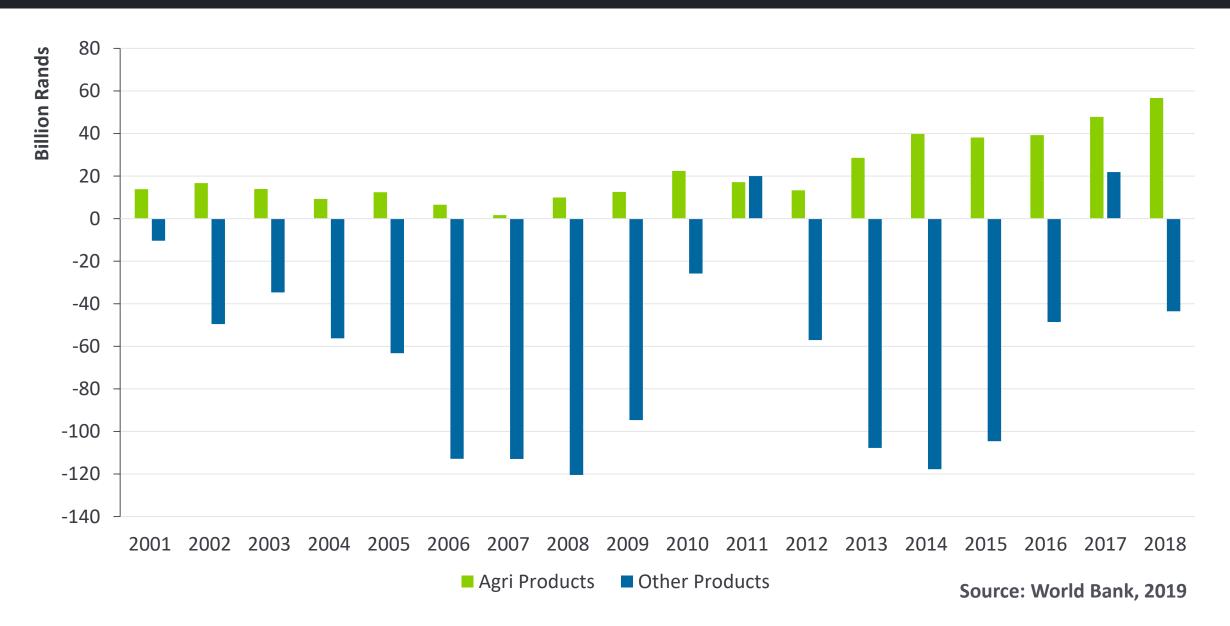
Subsector Performance: Gross Production Value



—— Field Crops —— Animal Products —— Horticulture —— Agriculture

Agriculture's contribution to trade balance

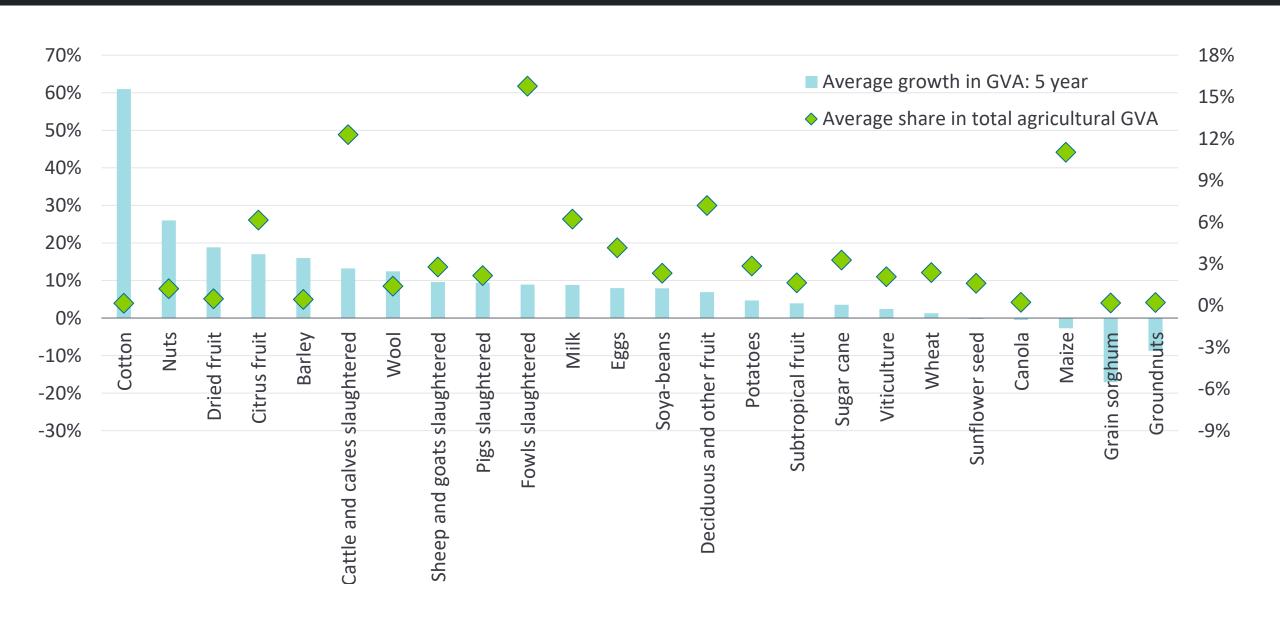




High-growth industries are on track

Gross Value of Agricultural Production





Markets: Performance across industries

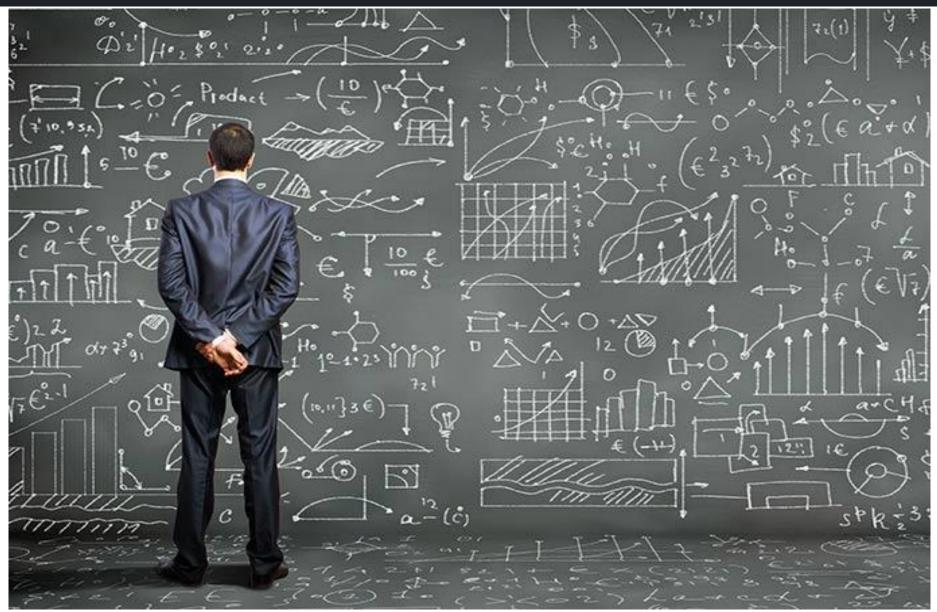
Gross Value of Agricultural Production



		NDP target 2030	Actual:2012-2018
Citrus	ha	15 000	23 448
Macadamias	ha	12 000	14 600
Apples	ha	2 500	2 256
Table grapes	ha	4 700	3 773
Avocadoes	ha	9 000	2 100
Soyabean	ha	370 000	312 000
Poultry	tons	660 000	270 000
Dairy	tons	520 000	655 000
Pork	tons	25 000	53 000

Is there more growth....and inclusive!! Where do we start?

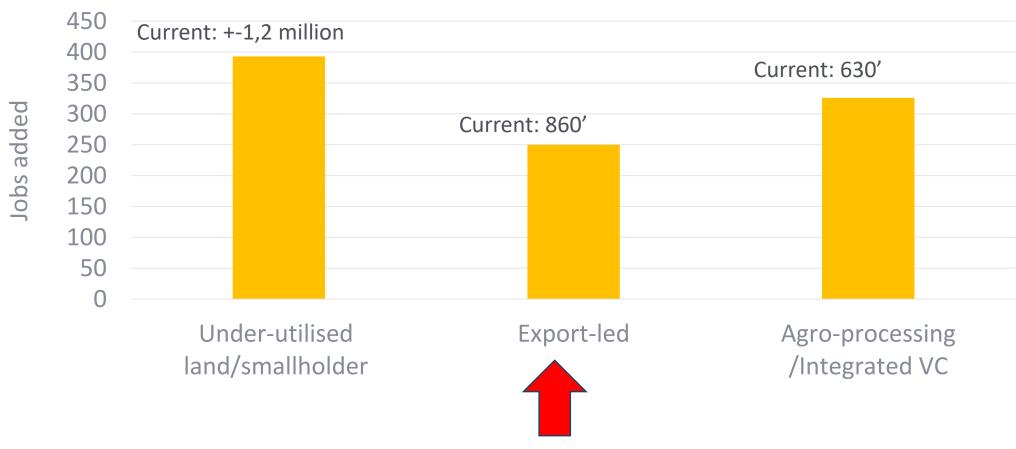




Jobs and growth: NDP vision of the "million jobs"







Irrigation expansion of 142 000 ha NOT 500 000 ha

Integrated Market-led Value chain approach

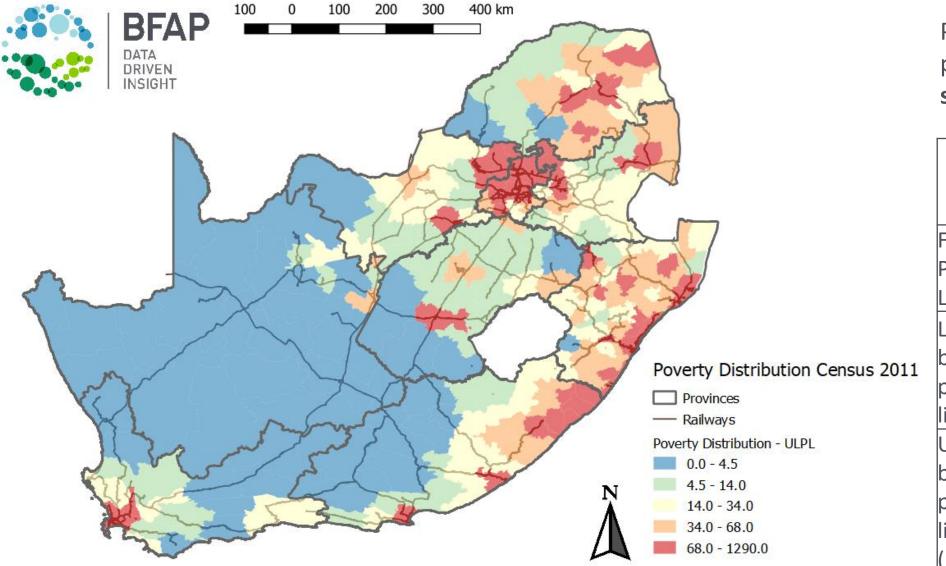


	Phase	Policy & Action	Status
Context	Strategic policy and business goals, investments & policy options, macro-finance	NDP, Treasury's Economic Policy, Land Panel, Advisory Council,	
Resources & Infrastructure	Soils, climate, crop suitability, roads, dams, electricity etc.	SPLUMA, NWRS II, SIP 11	
Market analyses	Global, regional, local market analyses at sector, farm, consumer level	NDP commodity targets, APAP, Export strategy etc.	
Value chain Deep dives	Product specific VC analysis, food system, impact & upgrade	Treasury's work streams, Phakisa, Industry round-tables	
Prioritise & Execute	Investment plan & policy intervention	Brandvlei, Bi-lateral trade, SPS, Jobs Fund-Private sector	

Source: BFAP 2019

Access to land & Poverty Density





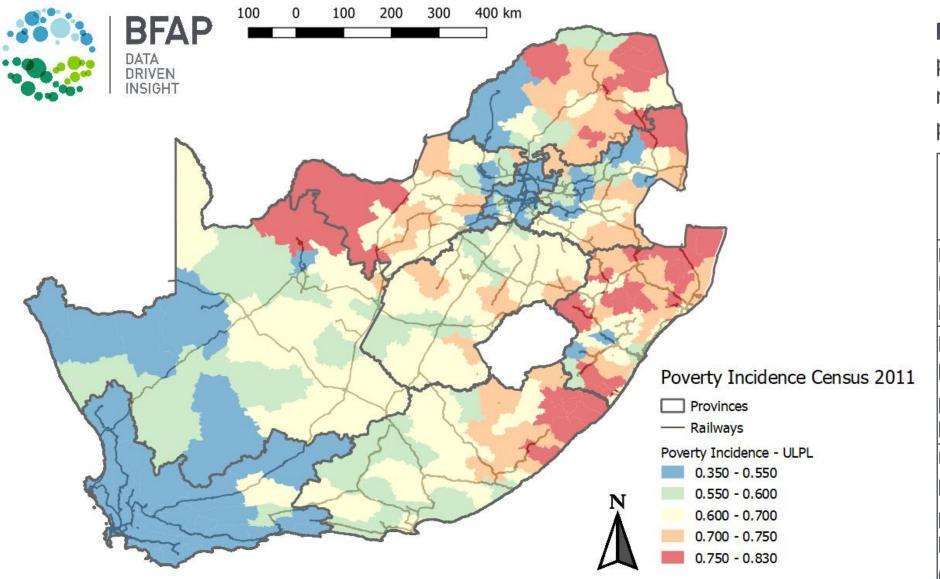
People in poverty (StatsSA poverty lines 2011) **per square kilometre**

	Rands pp	Rands pp		
	per	per		
	Month	Annum		
Food				
Poverty				
Line (FPL)	335	4 020		
Lower-				
bound				
poverty				
lie (LBPL)	501	6 012		
Upper-				
bound				
poverty				
line				
(UBPL)	779	9 348		

Access to land & Poverty Incidence



Pandenn Pandenn

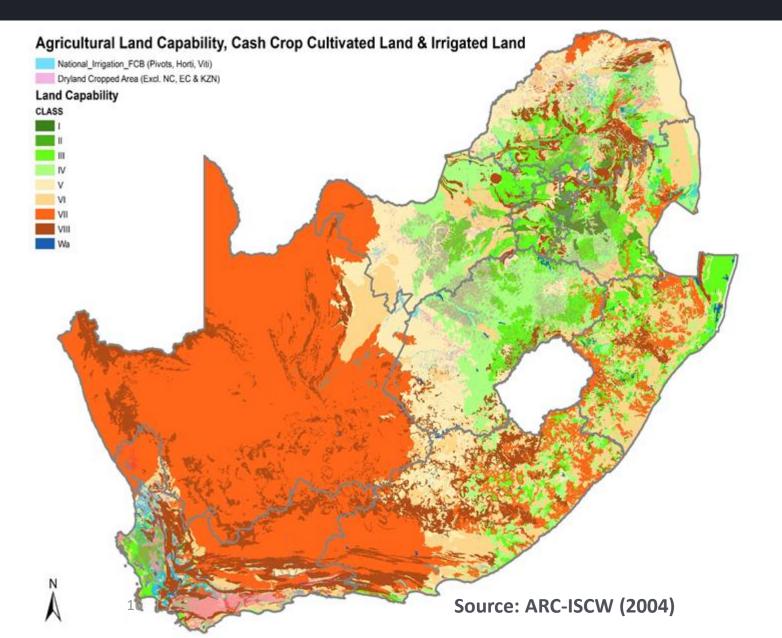


Percentage of people in poverty per local municipality (StatsSA poverty lines 2011)

	Rands pp	Rands pp		
	per	per		
	Month	Annum		
Food				
Poverty				
Line (FPL)	335	4 020		
Lower-				
bound				
poverty				
lie (LBPL)	501	6 012		
Upper-				
bound				
poverty				
line				
(UBPL)	779	9 348		

Natural Resource Base



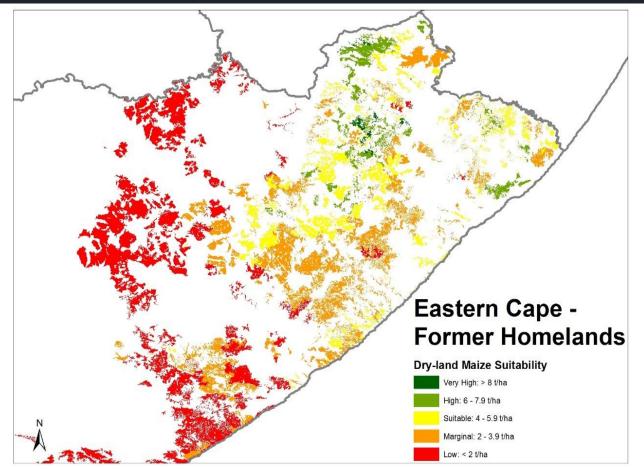


- SA total area: 122 million
- Agricultural land: 93 million
 - Freehold: 77 mil ha
 - Former homelands: 15.5 mill ha (50 000 irrigation)
 - Land already transferred to state or people of colour: 11.44 million.
 - 66 million ha in white ownership
 - 3.9 million ha owned by state and municipalities
 - 1.26 Trancraa lands

Source: BFAP, ARS, BER, 2019

Spatial targeted approach





	(1)		(2)	(3)	(4)	(5) = (4)*(3)
Maize Suitability Class		Maize Suitable Land (Hectares) identified within Field Crop Boundarie s (FCB)	Allocated Dryland Grain & Oilseed Hectares to potentially be cropped, from Maize Suitable Land	Potential Dryland Maize Hectares	Potential average maize yield (t/ha) – Lower yield	Average Production Potential (tons)
H S M L	High Suitable Marginal Low	91 642 169 404 319 612 114 282	31 015 124 892 201 490 64 144	16 533 93 813 146 988 41 033	5.9 3.9 2.9 2	97 548 365 871 426 264 82 066
	Total	694 940	421 540	298 367	3.7	971 750

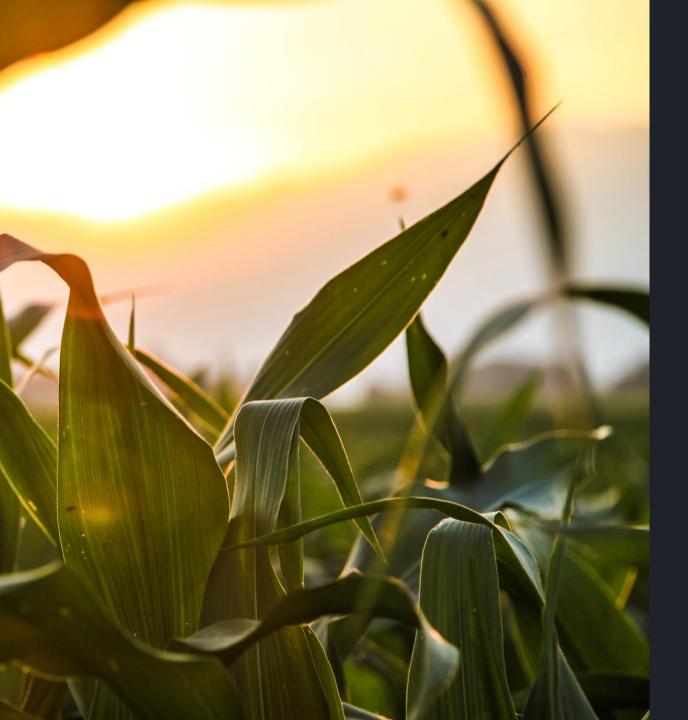




Resources & Infrastructure

- Next 5 years make or break
- National assets private sector has limited impact
- Lack of coordination, governance and administration
- Climate risk rapidly rising
- Treasury's Economic Policy





Markets & Integrated VC's

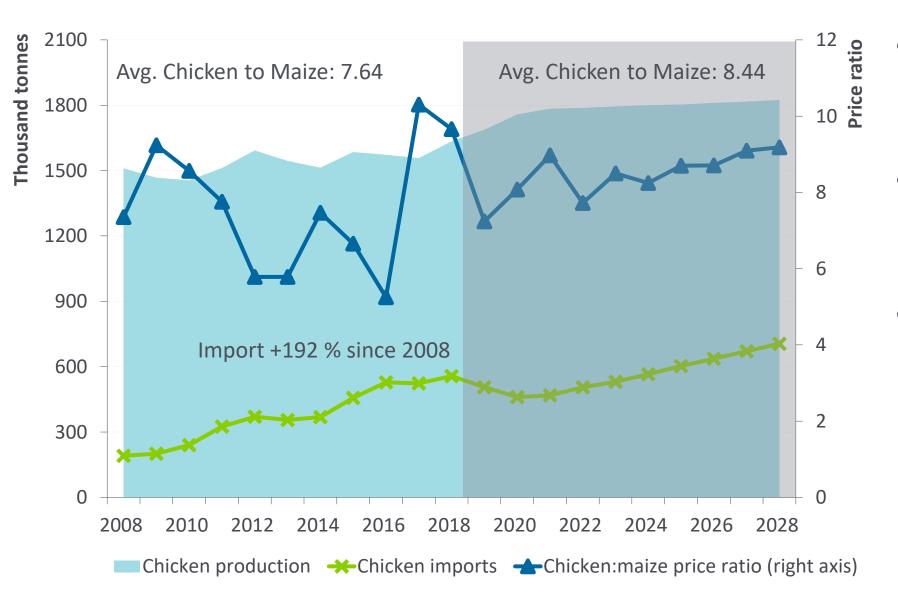
- NDP selection on target.
- Micro-crops evolution adding value
- Climate risk major concern– shift in cropping patterns
- Spatial targeting & application of big data



Chicken market outlook

More profitable cycle, but imports remain a challenge





- Profitable 2017 &
 2018 support
 expansion short term
- Short term pressure from higher feed costs
- Imports remain challenge
 - Temporary reprieve from HPAI in Europe
 - Safeguard duties on EU portions - phased out over next 3 years

Integrated poultry value chain

EU Exports as option to rebalance market?



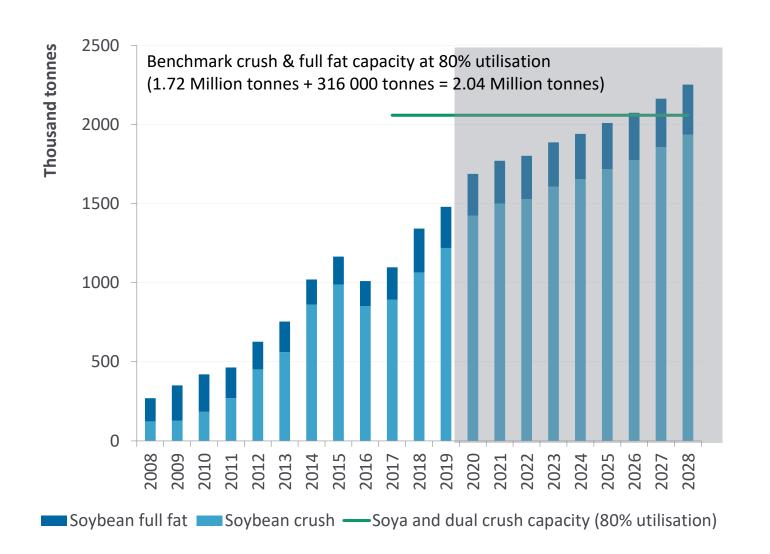


- Under EPA SA has duty free access to export chicken breasts into Europe – non-EU competitors all face tariffs
 - Brazil = 27.5%
 - Ukraine = 17.2%
 - Chile = 26.8%
 - Thailand = 27.5%
 - Argentina = 27.5%
- Exports are prohibited by failure to comply with EU food safety standards

 not in a position to provide required certification
- Access to EU market will enable premium on breast meat & aid rebalance of SA market

Soybean processing capacity

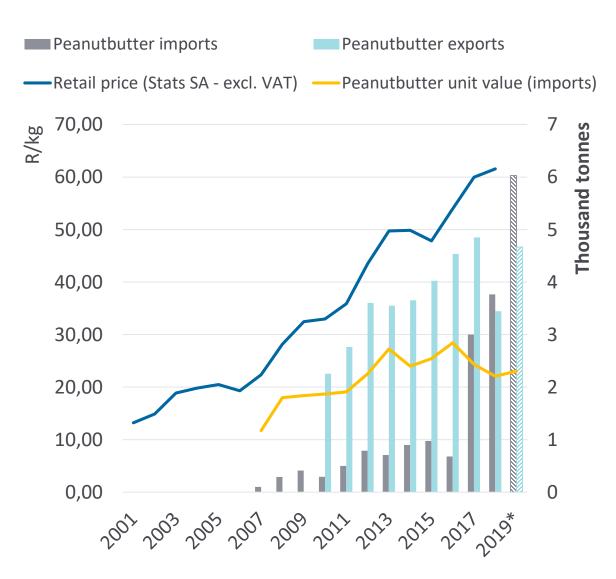


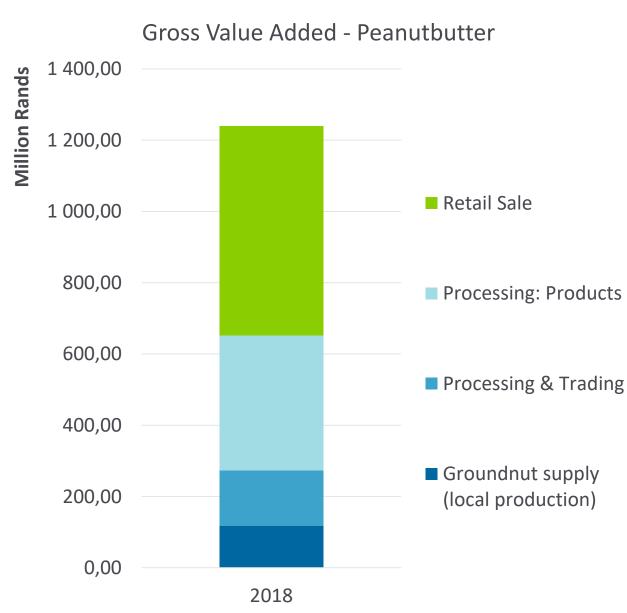


- Dedicated soybean processing facilities could reach capacity in 2-3 years under normal weather
- Dual crushing plants provide additional capacity if margins sufficient
- Quality consistency remains critical for all feed producers to procure locally
- Climate & timing of planting influences protein content of beans

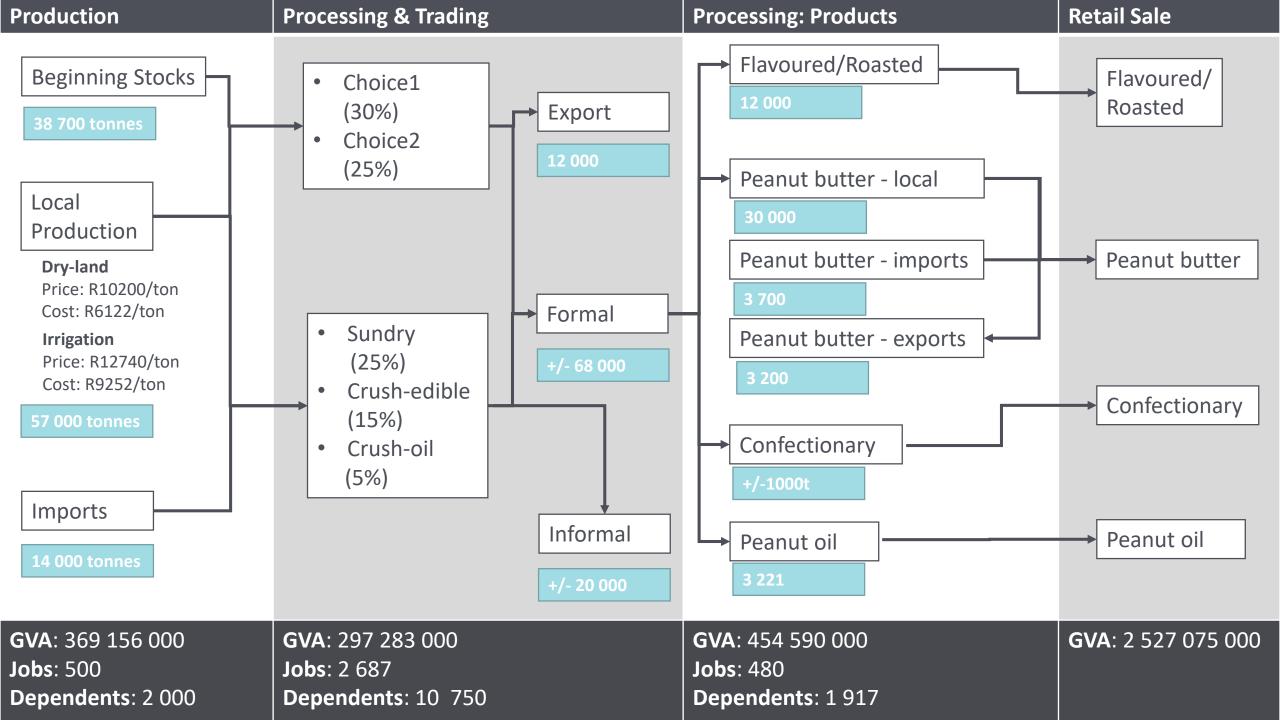
Peanutbutter margins opening

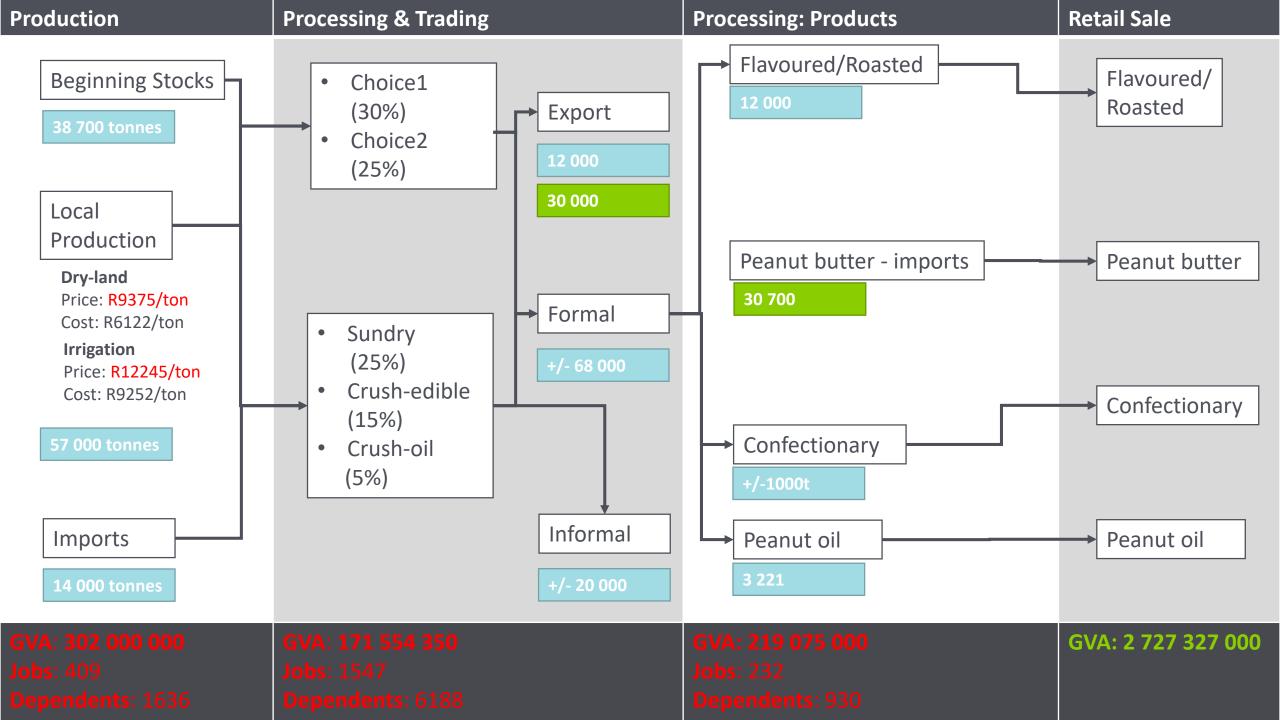






*2019: inferred from first 5 months' trade data



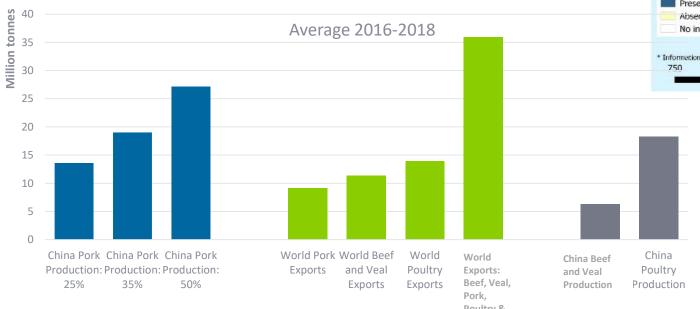


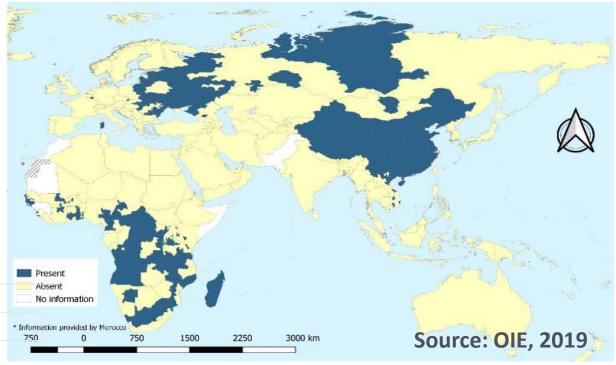
African Swine Fever in China

Biggest uncertainty affecting global meat markets



- End August 2019 China's pig inventory estimated -40%, expected to reach 50% by end of year
- Rest of Asia also affected VietNam etc.
- Diverse industry 26 million producers
 - Small backyard producer to large corporate farms with modern technology
 - 85% of reduction occurred on small farms (<3000 pigs sold per year)
- Implications for global markets
 - 1% production decline in China = +- 500 thousand tonnes pork
 - Magnitude of additional imports uncertain prices will increase



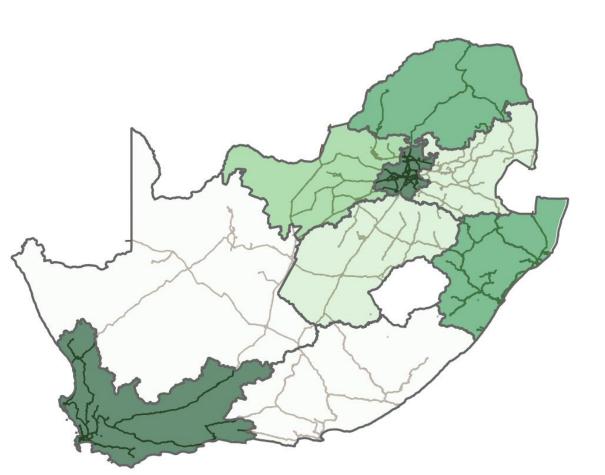


- Accelerating structural shift toward more modern structure, larger producers providing a growing share of market
- For South Africa
 - Opportunity?
 - Risk?

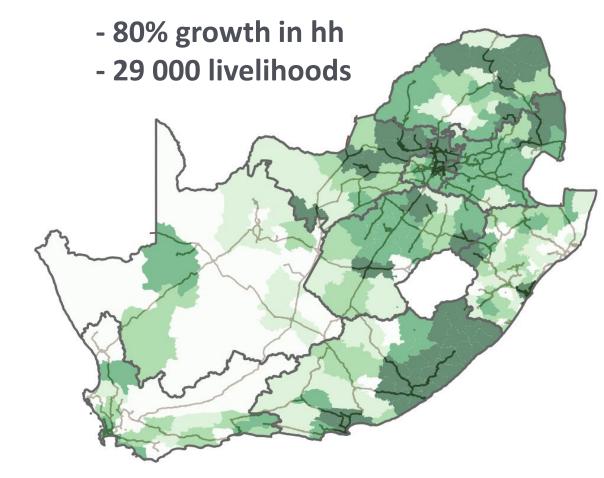
Impact of African Swine Fever



Value of Formal Pig Herd in full-grown sow / boar meat-equivalent = R2.4 billion

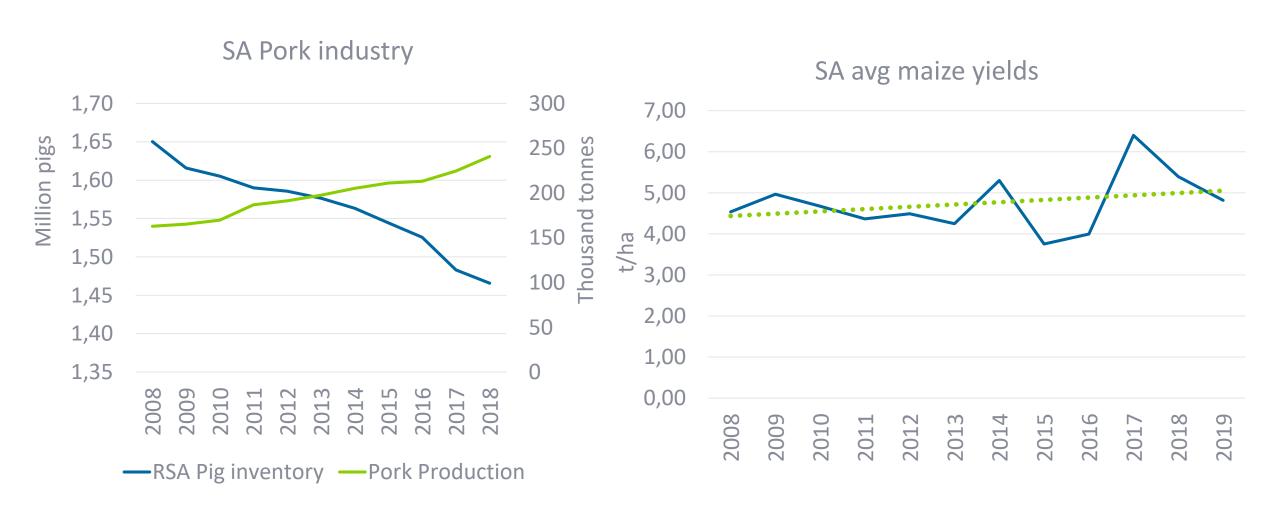


Value of Informal Pig Herd in fullgrown sow/boar meat-equivalent = R1.2 billion



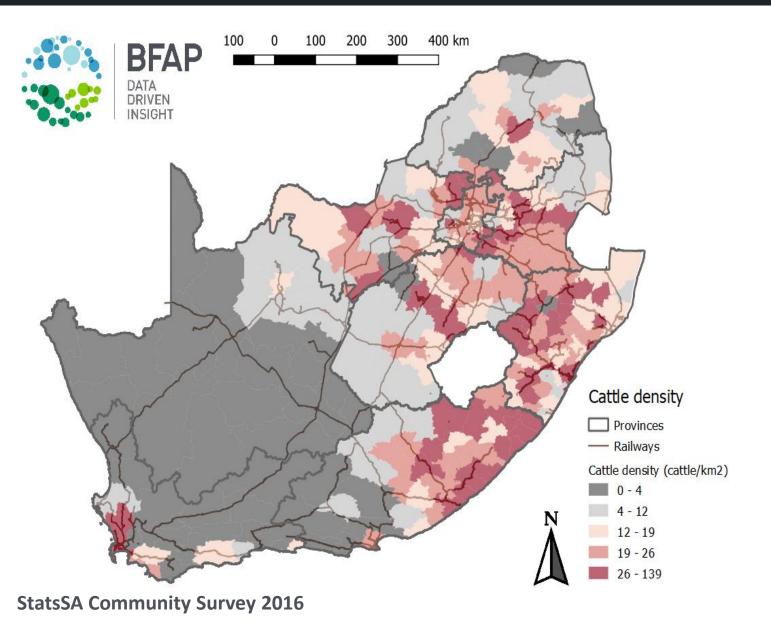
Productivity gains





Number of Cattle per Local Municipality



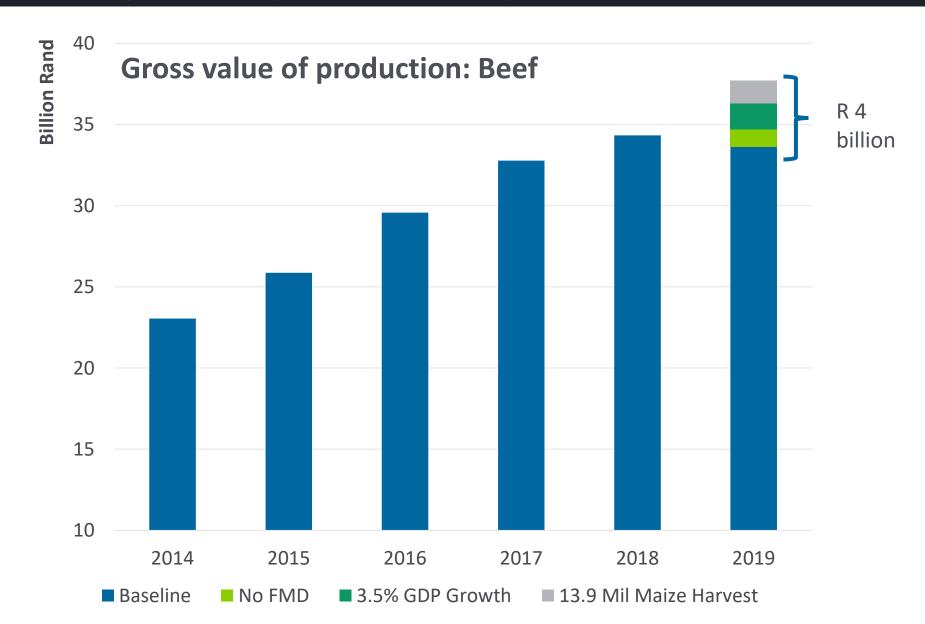


- Informal beef sector => single largest unaccounted for asset in SA agriculture?
- Huge scope for inclusive growth if potential can be unlocked
 - Livestock estimates
 - Traceability system
 - Productivity growth
- Need to understand markets, including informal markets

Measure Impact: Beef sector



Potential gross value of production reduced by combination of factors in 2019

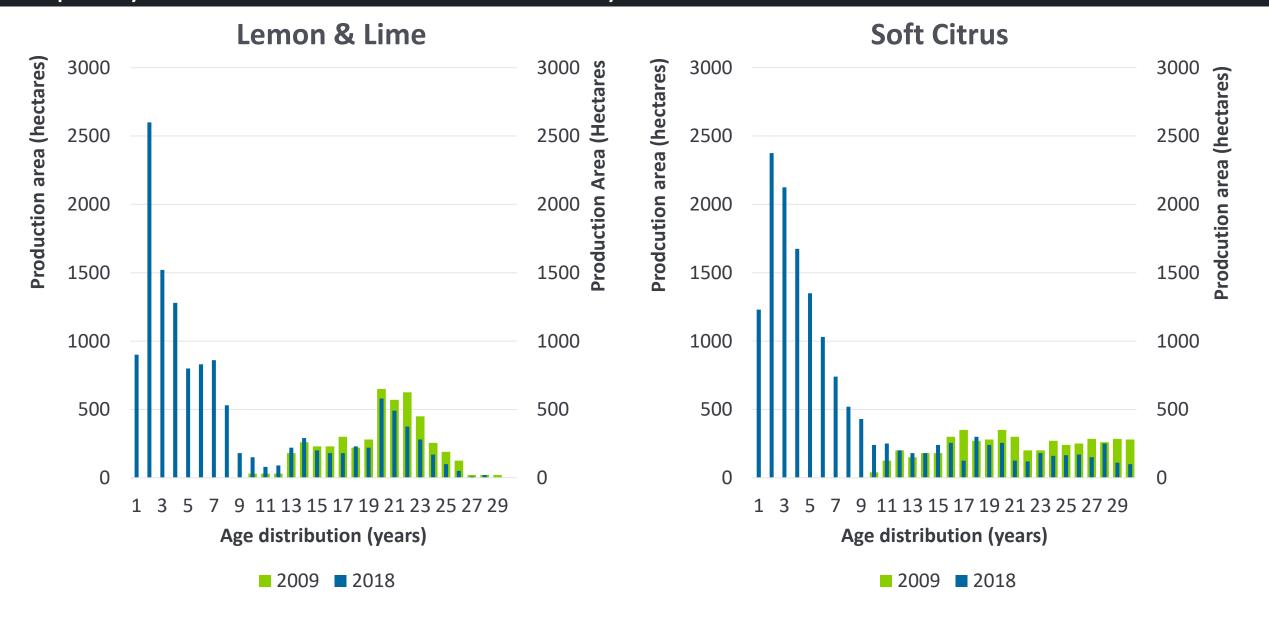


Alternative outcomes for beef industry in 2019

- L) Exports at 2018levels noadjustment for FMD
- 2) Local economic growth increased to 3.5% per annum
- 13.9 million maize crop – export parity pricing

Some larger, established industries also expanding rapidly – citrus volumes already established

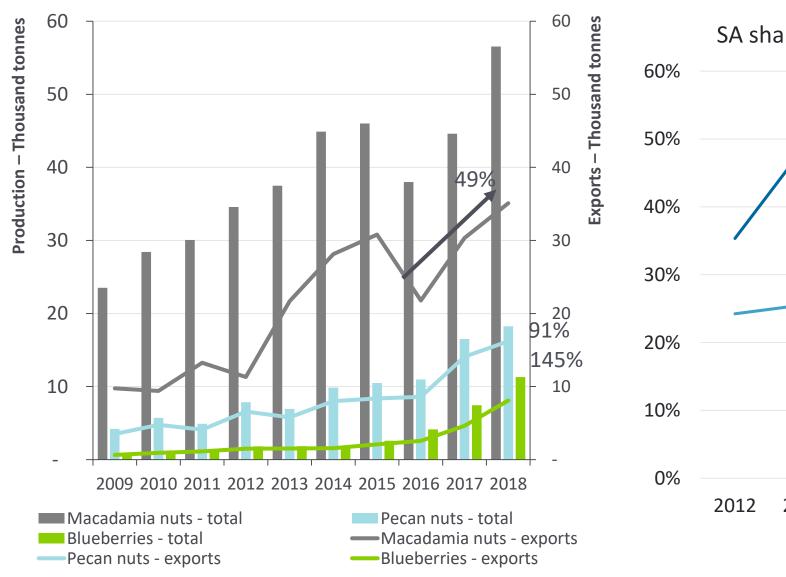


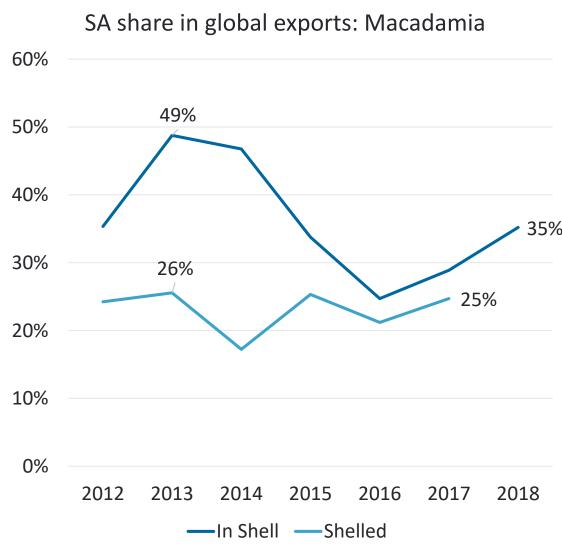


Smaller industries expanding quickly

Rapid growth in production and exports of nuts and berries



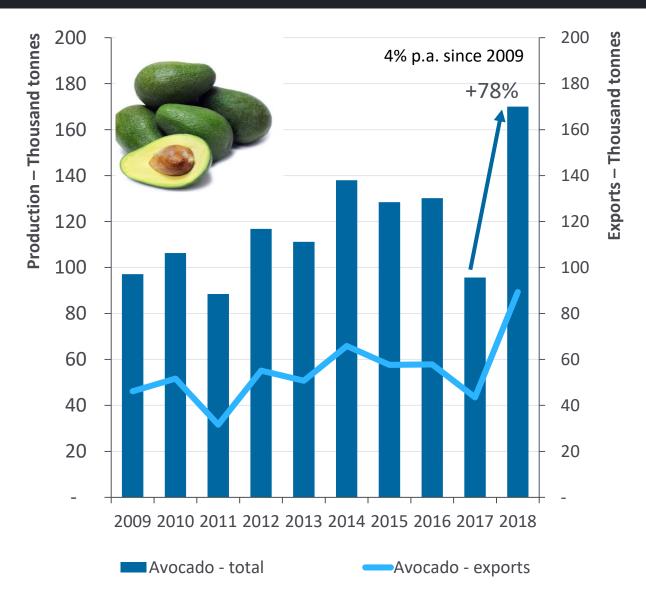


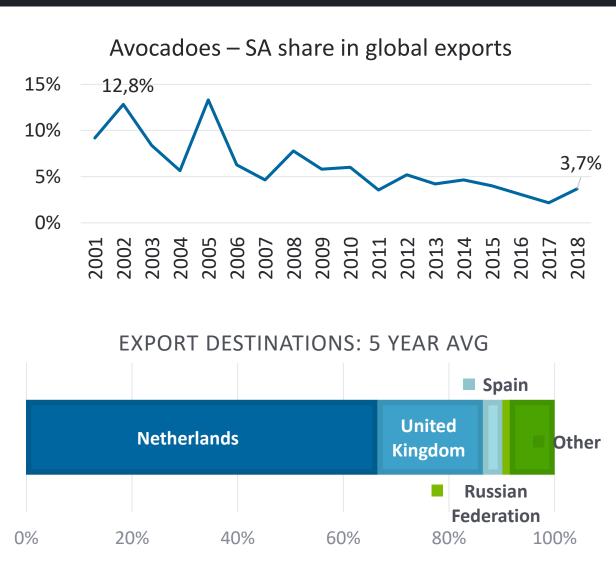


Avocadoes expanding rapidly

SA 6th largest exporter in the world







Source: ITC Trademap, 2019

High reliance on EU & UK, fast growth in Asia



Fruit type	Share of production exported (%)	EU & UK Combined Share of exports (%)		
Oranges	74%	40%		
Soft Citrus	68%	54%		
Grapefruit	67%	43%		
Lemons & Limes	67%	38%		
Table grapes	88%	76%		
Plums	77%	74%		
Blueberries	71%	95%		
Avocado	53%	95%		
Nectarines	34%	80%		

Asia Market access for South African products



SACU: Southern African Customs Union

GSTP: Global System of Trade Preferences among developing countries

PTN: Protocol **ON** Trade Negotiation

			RSA's Competitors					
		RSA	Australia	New Zealand	Peru	Chile	Argentina	Uruguay
	China		Bilateral	Bilateral	Bilateral	Bilateral		
	Hong Kong					Bilateral		
	India	SACU (Plurilateral)			GSTP	Bilateral GSTP	GSTP Mercosur-India Bilateral	GSTP Mercosur-India Bilateral
ts.	Indonesia		ASEAN-Australia- New Zealand	ASEAN-Australia- New Zealand	GSTP	GSTP	GSTP	
arkets	Japan		Bilateral		Bilateral	Bilateral		
gic Mar	South Korea		Bilateral		Bilateral GSTP PTN	Bilateral GSTP PTN	GSTP	PTN
Strateg	Malaysia		Bilateral ASEAN-Australia- New Zealand	Bilateral ASEAN-Australia- New Zealand	GSTP	Bilateral GSTP	GSTP	
N.	Philippines		ASEAN-Australia- New Zealand	ASEAN-Australia- New Zealand	GSTP PTN	GSTP PTN	GSTP	PTN
	Thailand		Bilateral ASEAN-Australia- New Zealand	Bilateral ASEAN-Australia- New Zealand	GSTP	GSTP	GSTP	
	Vietnam		ASEAN-Australia- New Zealand	Bilateral ASEAN-Australia- New Zealand	GSTP	Bilateral	GSTP	

Source: FIVCRT, 2018



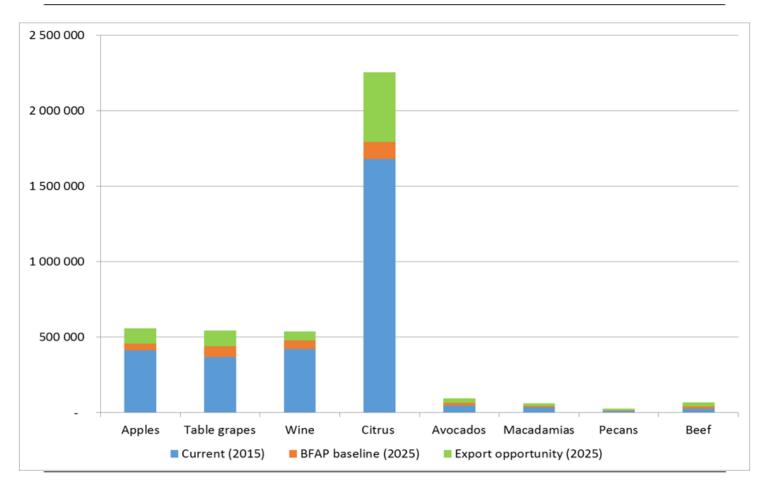
Key messages & critical factors to accelerate growth



Immediate Impact Required – Q2 2016 Work



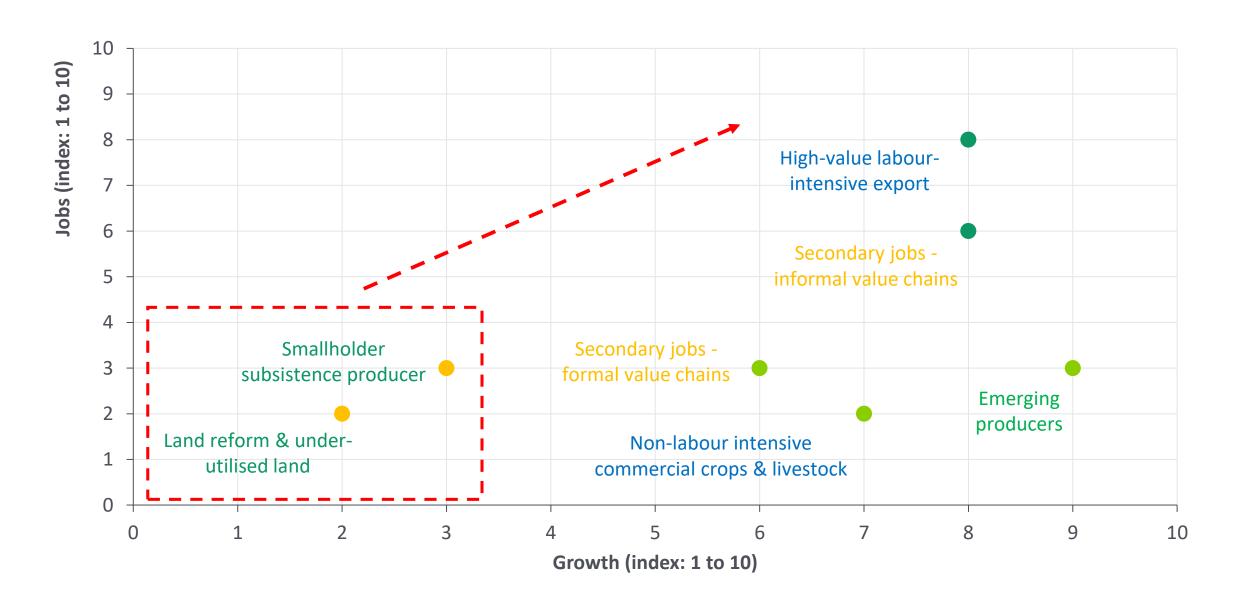




- Trade Promotion, water access & development & infrastructure
- Short term (6mnths), Medium & longer term
- Water target Brandvlei,
 Clainwilliam, WAS savings = 35k (ha)
- R 6bn revenue
- 0.25% to GDP growth rate
- 45 000jobs

Our future: NDP update / Ag Master plan







Systemised Solution



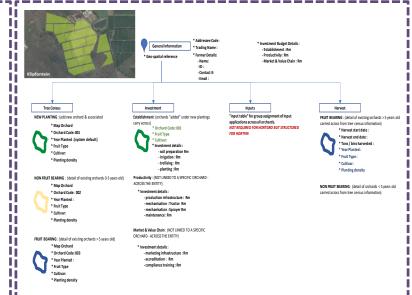
Standardisation of data structures

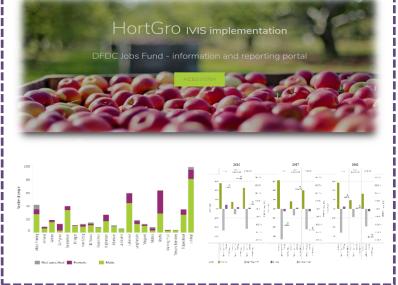
Customisation of geo-spatial system (M&E)

Web-based application for real time interactive reporting

Integrated structure of data capture and reporting linked to standardised entity reference (addressee code / farmer code etc)

- Employment Data
- Training Data
- Accreditations
- Beneficiary Financial Statements







THANK YOU

For further enquires contact us:

gerhard@bfap.co.za

www.bfap.co.za

The AfCFTA and its potential benefits



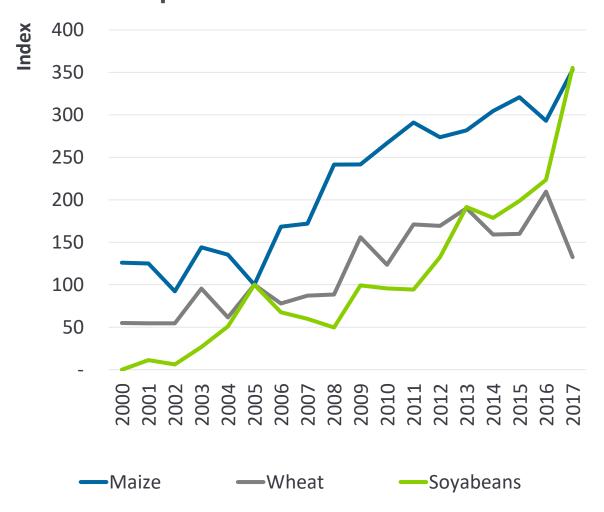
- The AfCFTA consolidates 55 territories into a single market combined size of:
 - 1.2 billion people
 - GDP \$2.26 trillion
- The agreement came into force on the 30th May 2019, but actual trade will only commence mid-2020
- 90% of products in Africa will be traded duty free by July 2020.
- An additional 7% of the products will have duties phased down over the next decade.
- This implies a substantial opening up of and growth in (new) markets in the continent
- However, concerns remain over constraints to growth imposed by infrastructure and NTBs

Expanding production in Zambia – hitting the wall

Rapid production growth but cost of exports remains too high to sustain beyond domestic market



Crop area increase in Zambia



Tanzanian chicken market

