

# **GROWING GAUTENG TOGETHER: OUR ROADMAP TO 2030**

## ***GP: Agriculture, Environmental and Rural Development Programmes***

**STATE OF READINESS FOR THE 2019/2020 PLANTING SEASONS  
PRESENTATION TO THE PORTFOLIO COMMITTEE  
05<sup>TH</sup> NOVEMBER 2019**



**Growing Gauteng Together**

# MANDATE

- To economically transform **agri-food value chains**, and ensure sustainable environmental management for healthy, food secure, and **integrated, smart and developed** urban and rural communities in Gauteng.
- The department's vision emanates primarily from the following **two interrelated** mandates:
  - **Section 24 of the Constitution:** Everyone has a **right to an environment** that is not harmful to their health and wellbeing and to have the environment protected by legal and other measures.
  - **Section 27 of the Constitution:** Everyone has the right to have **access to health care, food and water** and social security

# FOCUS AREAS

- The Department focus areas are as follows:
  - promoting environmental protection and management.
  - expanding access to agri-food value chain opportunities and ensuring economic inclusion of rural areas for sustainable livelihoods.
  - maximising food security.
  - promoting animal public health and ensuring food safety.

## Political mandate

### MANIFESTO IMPERATIVES

Transforming the economy to serve all people

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Creation of new jobs and working hard to protect existing jobs.

### IMPACT INTERVENTIONS

Commercialization of the agri-food value chain.

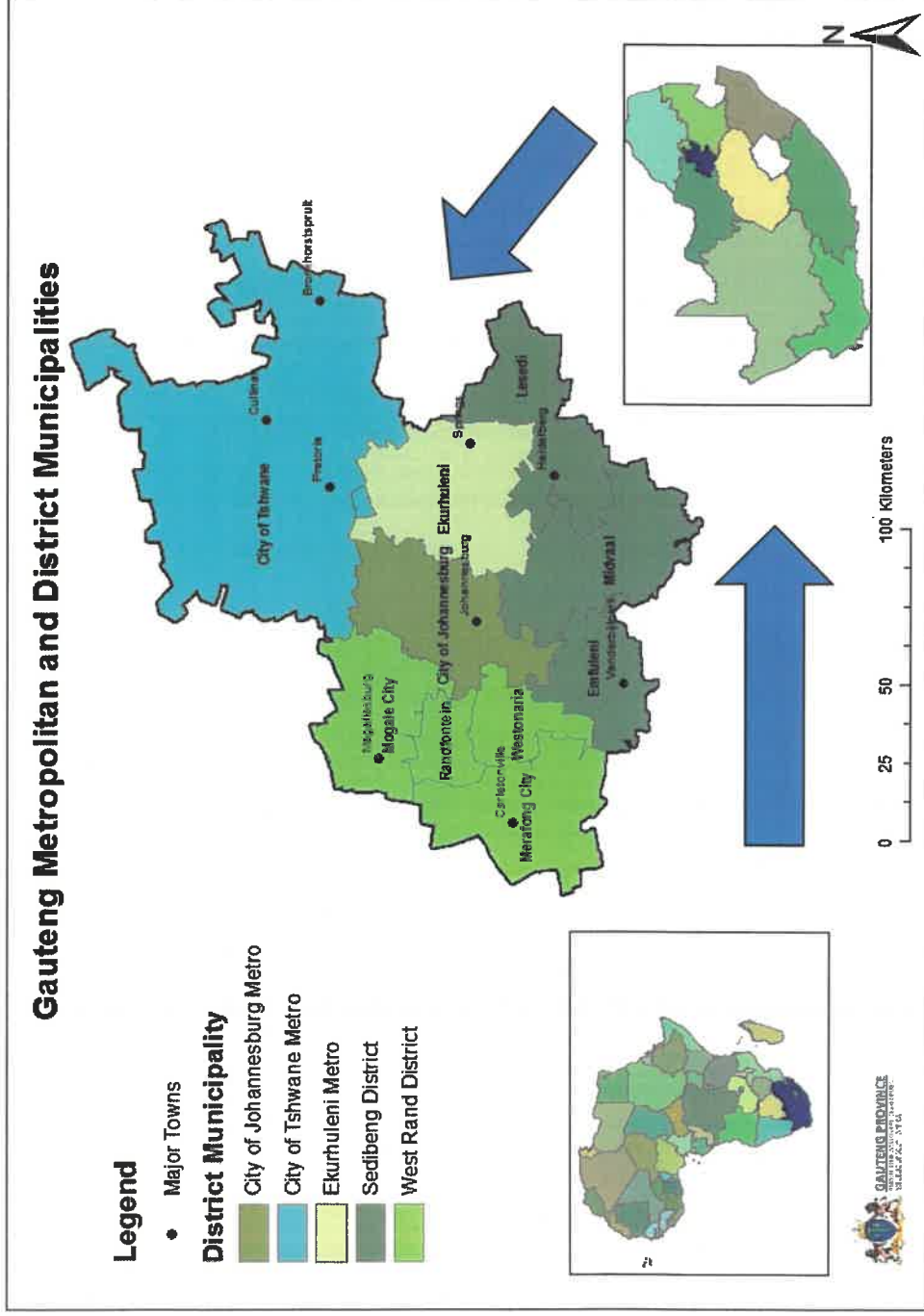
Agroprocessing

Environmental sustainability.

Development of solidarity economy



# Gauteng Province: Broader Context

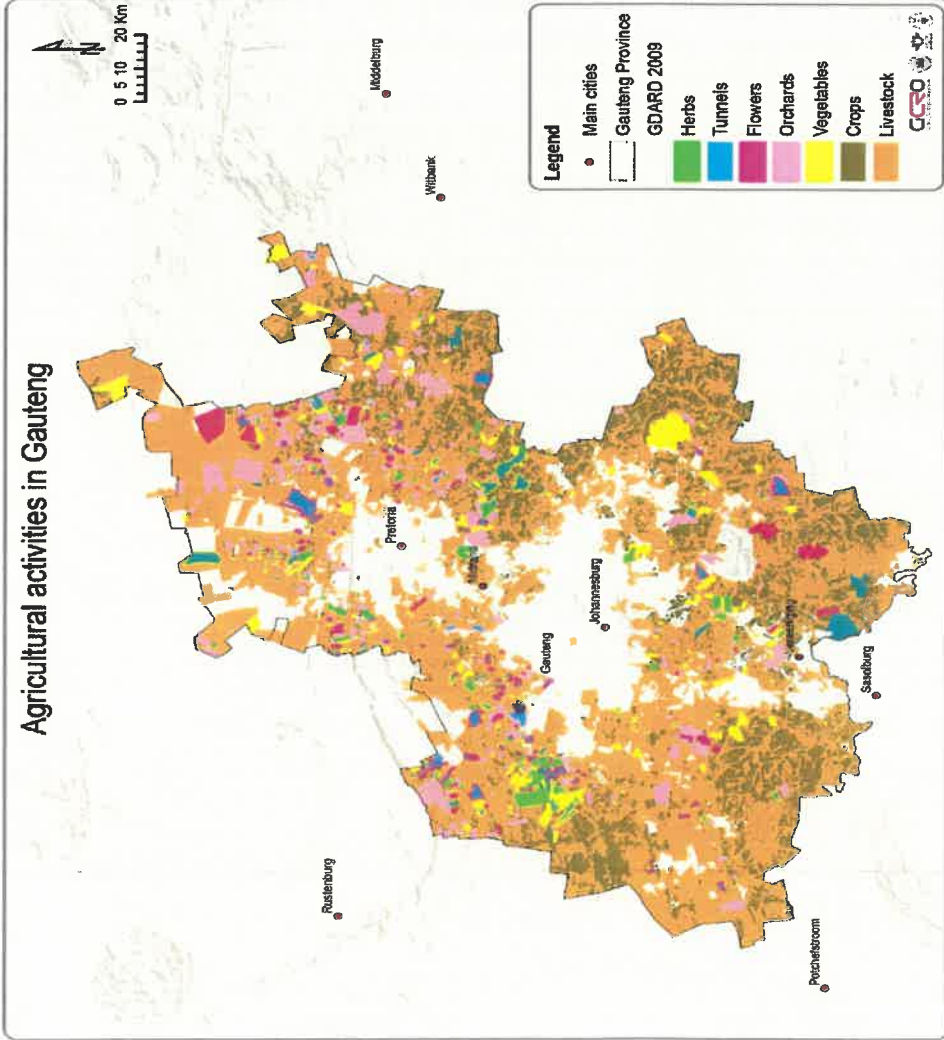


- Gauteng is the smallest province in South Africa with 1.7m ha of land surface area
- It occupies only 1.4% of RSA land surface area
- **Population:** 13.477m (25.7% - Largest % share of RSA population – Census 2017)
- Gauteng has 3 of the 8 Metro Municipalities in the Country



# AGRICULTURAL ATLAS IN GAUTENG

Agricultural activities in Gauteng



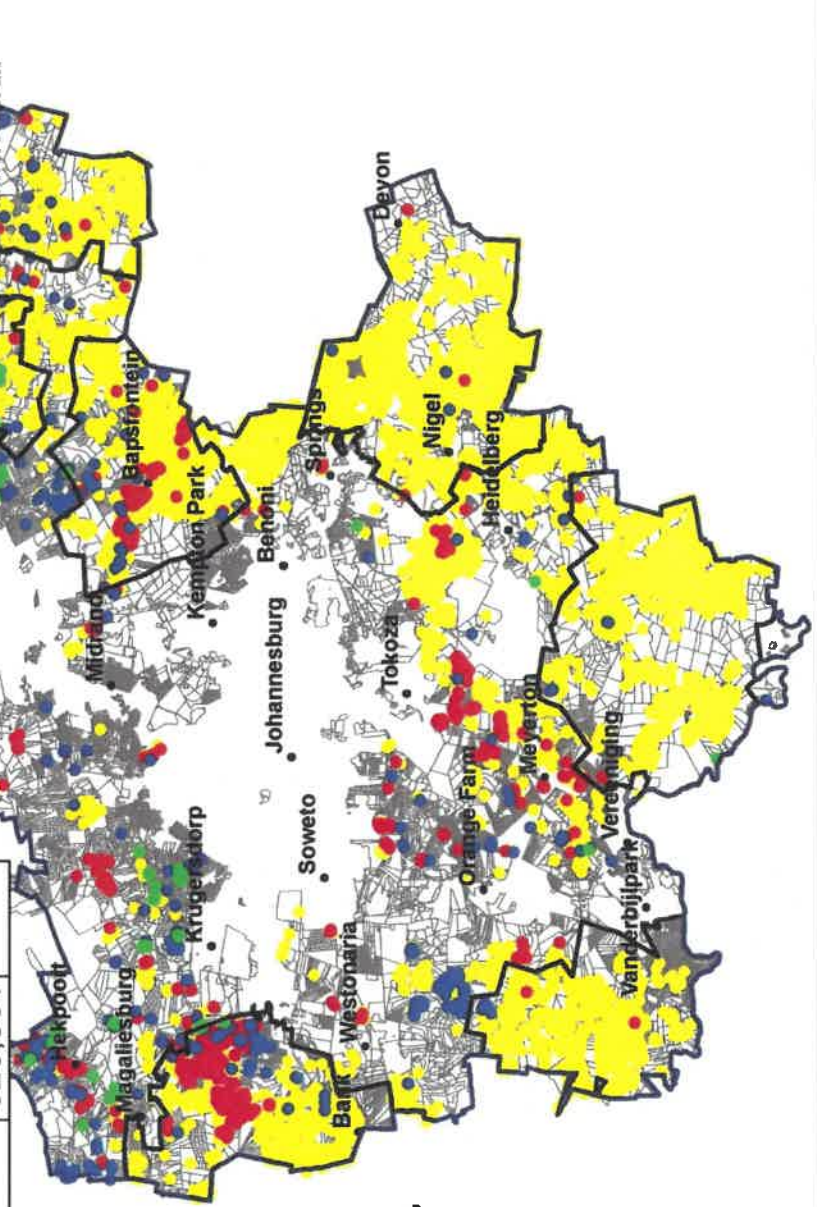
- Only 20% of land in Gauteng is covered by irrigated and rain fed commercial agriculture
- Agricultural activities undertaken around outer edges of Province:
  - North-east of the City of Tshwane
  - Sedibeng District in the south-east
  - West Rand District in the south-west





## CROPS

	Province		Hubs	
	Ha	% <sup>1</sup>	Ha	% <sup>1</sup>
● Grain and oil seeds	107,259	8.4%	82,409	15.7%
● Vegetables	4,195	0.3%	2,606	0.5%
● Orchards	1,770	0.1%	569	0.1%
● Flowers	260	0.0%	31	0.0%
Remainder <sup>2</sup>	201,509	15.8%	119,985	22.9%
<b>Total</b>	<b>314,992</b>	<b>24.6%</b>	<b>205,600</b>	<b>39.2%</b>
□ Base cadastral dataset	1,278,195		523,831	



<sup>1</sup> Crop hectares as a percentage of the base cadastral dataset hectares

<sup>2</sup> The remainder includes planted pastures, fallow fields, etc.

## Introduction and Overview

- Gauteng Province occupies 1.4% of the country's land area and contributes 35% to national GDP.
- The economy is traditionally dominated by secondary and tertiary sectors with agriculture being a relatively small sector in the province.
- The larger farms in Gauteng are involved in cattle, game farming and eco-tourism while the smaller farming operations tend to be involved in nurseries, piggeries, eggs, chickens, vegetables, maize and nuts.
- The provincial government is set to diversify its economy base and Agri-Parks and Agro-processing are the key economic drivers
- It is through guidance of the NDP, APAP that CASP and Ilima/Letsema programs interventions are designed to radically transform, modernize and re-industrialize Gauteng by maximizing the economies of scale and investing more on agricultural commodity value adding initiatives
- Project Development occurs within the five economic development corridors of the Gauteng city region.





## AGRICULTURAL CONTRIBUTION TO GAUTENG GDP

- Though relatively small in magnitude when compared to other sectors in the province the agriculture sub-sector plays a vital role when it comes to food security, rural development and skills development.
- These factors are essential to the achievement of South Africa's Sustainable Development Goals (SDGs), which focus to a large extent on ensuring food security for the poor, fighting hunger and poverty, and effectively addressing rural development.
- In 2018, agriculture constituted 2.3% of South Africa's total Gross Domestic Product (GDP). In terms of Gauteng, however, 0.5% of total economic activity was ascribed to the agriculture sector. Also - agriculture in Gauteng accounted for 6.0% of total agriculture activities in the country.

## POLICY IMPERATIVES INFORMING INVESTMENTS

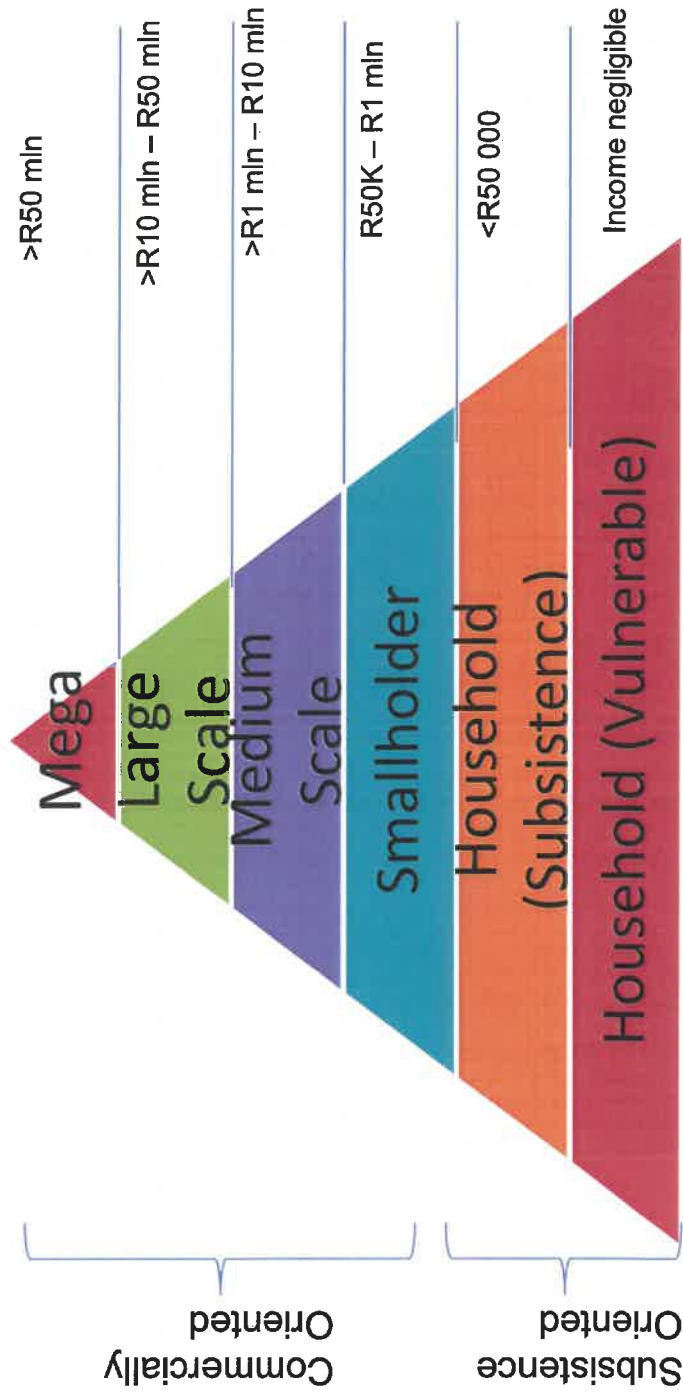
1. Create 1 million jobs (*NDP: 2030 vision*).
  2. Put 1 million hectares of unutilised land under production by 2019 (*Fetsa Tlala*).
  3. Support 300 000 smallholder producers by 2019 (*NGP*).
  4. Expand 1.5 million hectares under irrigation by 500 000 (*NDP: 2030 Vision*).
  5. Ensure food security for all (*Constitutional Mandate*).
  6. Ensure sustainable use of natural resources; and
  7. Grow agricultural contribution to the GDP - driven by the Revitalization of Agriculture and Agro-processing Value Chains (*RAAVC*).
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## Commercialization – Key interventions

- The development objective of the Agriculture Commercialization Program is to increase the number of farmers operating at large commercial scale by improving the performance of selected value-chains and productive partnerships through increased access to production infrastructure, inputs, finance, markets, training and strengthened business development support to farmers and agro-entrepreneurs
- The key target is commercially-oriented smallholder farmers working in collaboration with producer associations linked to agro-processors, agri-business enterprises engaged in the value-chains and productive linkages supported by the project
- Commercialise of farmers over the Medium Term Strategic Framework (MTSF) within the following commodities which are Grains, Horticulture, Poultry, Piggery and livestock (Cattle & Sheep)
- Farmers are categorized in three main categories namely: subsistence, smallholder and commercial farmers
- Black farmers are generally categorised in the Smallholder farmers operating in Communal or Freehold farms irrespective of the size of their operations
- Commercialisation program aims to support selected black smallholder farmers to be large scale category players in the mainstream of the agriculture economy of Gauteng.
- The commercialization program requires infrastructure, production inputs, market access and associated logistics for the smallholder far farmers
- The funding support will ensure migration of smallholder farmers to semi, medium scale, large and mega as per farmer categorization pyramid below



# CATEGORIES OF PRODUCERS



 <ul style="list-style-type: none"> <li>• <b>Industry Threshold:</b> <ul style="list-style-type: none"> <li>○ Vegetables</li> <li>○ 5ha Irrigated open field</li> <li>○ 1,5ha hydroponics</li> </ul> </li> <li><b>Fruits</b> <ul style="list-style-type: none"> <li>○ 10ha Irrigated</li> <li>○ 5ha under shade for high value fruits (e.g. Strawberry)</li> </ul> </li> <li><b>Target of farmers</b> <ul style="list-style-type: none"> <li>○ 3 farmers in 2020</li> <li>○ 12 farmers by 2024</li> </ul> </li> </ul>	 <ul style="list-style-type: none"> <li>• <b>Industry Threshold:</b> <ul style="list-style-type: none"> <li>○ Dryland 400ha (4ton)</li> <li>○ Irrigation 100ha (10ton)</li> </ul> </li> <li><b>Target of farmers:</b> <ul style="list-style-type: none"> <li>○ 5 farmers in 2020</li> <li>○ 15 farmers by 2024</li> </ul> </li> </ul>	 <ul style="list-style-type: none"> <li>• <b>Industry Threshold:</b> <ul style="list-style-type: none"> <li>○ 40K Broilers per cycle (35-42days)</li> <li>○ 50K layers</li> </ul> </li> <li><b>Target of farmers:</b> <ul style="list-style-type: none"> <li>○ Layers</li> <li>○ 2 farmers in 2020</li> <li>○ 4 farmers by 2024</li> </ul> </li> <li><b>Broilers</b> <ul style="list-style-type: none"> <li>○ 2 farmers in 2020</li> <li>○ 4 farmers by 2024</li> </ul> </li> </ul>	 <ul style="list-style-type: none"> <li>• <b>Industry Threshold:</b> <ul style="list-style-type: none"> <li>○ 350 sows</li> </ul> </li> <li><b>Target of farmers:</b> <ul style="list-style-type: none"> <li>○ Pig</li> <li>○ 2 farmers in 2020</li> <li>○ 8 farmers by 2024</li> </ul> </li> </ul>	 <ul style="list-style-type: none"> <li>• <b>Industry Threshold:</b> <ul style="list-style-type: none"> <li>○ 100 cattle producing 350kg of carcass each</li> </ul> </li> <li><b>Target of farmers:</b> <ul style="list-style-type: none"> <li>○ 5 farmers in 2020</li> <li>○ 10 farmers by 2024</li> </ul> </li> </ul>
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## Objectives

- Food security – commercial field crop production to address local and provincial food needs.
- Poverty alleviation and rural economic development through the establishment of competent and economically sustainable crop farmers.
- Conservation Cropping Practices - progressively establish the general use of conservation field cropping practices that optimize the sustainable and profitable use of arable areas including the practice of minimum tillage
- Provision of crop production inputs for 2019/20 financial years
- Enhance and increase agricultural production on farms
- Sustainable agricultural growth and development
- Contribute in the implementation and promotion of sustainable agricultural development projects.

## State of delivery production inputs

- Production inputs for Maize are being distributed to the targeted farmers, as per agreed delivery plan
- All the deliverables have delivered to the targeted smallholder farmers, after following all due diligence – application processes
- The planting season commences on the 15<sup>th</sup> November to the 20<sup>th</sup> December.

## Province's State of readiness

District	Municipality	Beneficiaries	Targeted Ha per commodity as per business plan		Seeds tons	Fertilizer tons	Mechanization units	Pesticides litres	Ha Business plan	Difference in Ha
			Ha Maize	Ha Dry beans						
Sedibeng	Midvaal	8	334	35	45	60	10	21	369	0
	Lesedi	6	432	21	50	80	9	45	453	0
	Emfuleni	9	640	23	60	140	12	68	663	0
West Rand	Mogale city	3	154	34	35	75	11	20	188	0
	Merafong	2	30	32	10	25	6	13	62	0
	Randfontein	8	104	33	26	48	11	11	137	0
City of Tshwane	Tshwane	8	1 363	26	55	70	11	66	389	0
Joburg Metro	Joburg	6	132	-	40	55	11	32	132	0
Ekurhuleni Metro	Ekurhuleni	3	168	39	30	65	6	44	207	0
<b>Sub total</b>		<b>55</b>	<b>3 357</b>	<b>243</b>	<b>351</b>	<b>618</b>	<b>91</b>	<b>320</b>	<b>2600</b>	<b>0</b>
<b>Grand total</b>			<b>3 600</b>							



## Costs incurred

Items	Tons	Cost incurred	Price
Seeds	351	R3 289 335	R9 371
Fertilizers	618	R4 944 000	R8000
Pesticides	320	R98 000	R306 25
Mechanization	Maintenance cost: R278 420	R38 493 390	R49 132.45