



CENTRAL SENTRAAAL **KAROO**

DISTRIKSMUNISIPALITEIT / DISTRICT MUNICIPALITY
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**EXTRACT FROM THE MINUTES OF AN ORDINARY COUNCIL
MEETING HELD ON **FRIDAY, 24 MAY 2024, 10H00**, AT THE
YOUTH HUB CENTRE, KWA-MANDLENKOSI, BEAUFORT WEST-**

8.1 AMENDMENT OF THE INTEGRATED DEVELOPMENT PLAN FOR THE 2024/2025 FINANCIAL YEAR. (18/23/2)

RECOMMENDATION

It is therefore recommended that;

- a) That Council adopts the Amended Integrated Development Plan for 2024/2025.

On proposal of Cllr L. Piti, seconded by Cllr T. Prince, Council unanimously accepts and approves the Amended Integrated Development Plan for 2024-2025, without any reservations.

CLLR L PAULSE
SPEAKER OF COUNCIL
2024-05-27





Central Karoo District Municipality

MEMORANDUM IN TERMS OF REGULATION 3(2)(A) OF THE MUNICIPAL PLANNING AND PERFORMANCE MANAGEMENT REGULATIONS, 2001

Amendments to the Integrated Development Plan

MAY 2024

Municipal Manager
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24 MAY 2024
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1. REASON FOR THE AMENDMENT

The Municipal Systems Act 32 of 2000 (s34) states that a municipal council must review its IDP annually in accordance with an assessment of its performance measurements and to the extent that changing circumstances so demand.

Several changes have been noted in this review, which could have a strategic impact on the Central Karoo District and require some level of response, i.e., an increase in crime levels, and an increase in population numbers. The following are therefore recommended: - responses: -

- Consider IDP amendment.
- Increased organisational responses.
- Monitoring and reporting to Council.

2. SECTIONS THAT ARE UPDATED OR AMENDED

SECTION	PAGE NO
Forewords <ul style="list-style-type: none"> • Executive Mayor, Johanna Botha (Replaced) • Municipal Manager, Mzingisi Nkungwana (Replaced) 	
Chapter 1: Introduction and Overview Introduction and Overview (improved and shortened) Legislative Requirement (improved)	1
Chapter 2: Strategic Direction and Institutional Arrangement Vision, Mission, and Strategic Objectives (Improved) Council and Composition of Council (Updated) Administration and organogram (Updated) Local Municipalities input (New)	6,10,11,12,13, 14,20,21
Chapter 3: Situational Analysis CKDM Map (New) Local Municipalities Input (New) Central Karoo District Municipality at a glance (Updated) Demographics (updated) Education (Updated) Health (Updated) Poverty (Updated) Basic Service Delivery (Updated) Safety and Security (Updated) GDPR Performance (Updated) Labour Market Performance (Updated) State of the environment (Improved)	19,20,21,22,23, 24,25,26,27,28 29,30,31-47
Chapter 4: Sector Planning Local Economic Development (New) Integrated Waste Management Plan will be developed with funding from DEFF (New) Disaster Management (Improved) Non-Legislated Sector Plans (New)	58-66, 79,81-83, 89

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Chapter 5: Alignment and Sector Contribution District Development Model (DDM) (New) National and Provincial Footprint (Updated)	95,97-109
Chapter 6: Financial Management Plan Financial figures and data (Updated)	110-115
Chapter 7: Performance Management The entire chapter has (Improved) 2024-2024 Scorecard (New)	116-125
Chapter 8 New Municipal Projects	126

3. FOREWORDS

Executive Mayor, Johanna Botha

The foreword of the previous executive mayor is replaced by a foreword by the new Executive Mayor.

Municipal Manager, Mzingisi Nkungwana

The acknowledgment of the previous municipal manager is replaced by the new municipal manager's acknowledgment.

4. **Chapter 1: Introduction and Overview**

The introduction and overview of the IDP process have been shortened to the 2022-2023 financial year approved IDP, this also included the legislative requirement which has also been improved.

5. **Chapter 2: Strategic Direction and Institutional Arrangement**

The Vision, Mission, and Strategic Objectives section has been replaced by a graphic illustration. The Council and Composition of Council committees have been updated. The administration and organogram information has been updated.

6. **Chapter 3: Situational Analysis**

A new map has been inserted in the description of the district. A new section has been inserted for local municipalities, where they can flag their issues of concern as well priority projects and programmes.

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All the below sections have been updated by the information obtained from the Socio-Economic Profile of the Central Karoo District Municipality: -

- Central Karoo District Municipality at a glance
- Demographics
- Education
- Health
- Poverty
- Basic Service Delivery
- Safety and Security
- GDPR Performance
- Labour Market Performance

The state of the environment section has been shortened and improved.

7. Chapter 4: Sector Planning

The section on Local Economic Development has been replaced with new information. In addition, new projects and programmes have also been included. The Integrated Waste Management Plan will be developed with funding received from DEFF.

The Disaster Management section's information has been improved. A new section has been included that speaks about non-legislated sector plans.

8. Chapter 5: Alignment and Sector Contribution

Information on the District Development Model has been included. All projects and programmes from the National and Provincial Footprint have been updated.

9. Chapter 6: Financial Management Plan

All financial figures and data have been updated.

10. Chapter 7: Performance Management

The entire chapter has improved and the 2024-2024 Scorecard will be included.

11. Chapter 8: Municipal Projects

This chapter includes all municipal projects to be implemented for the 2024-2025 financial year.



AI

CENTRAL KAROO DISTRICT MUNICIPALITY

INTEGRATED DEVELOPMENT PLAN

2ND AMENDMENT: 2024-2025



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Foreword by the Executive Mayor

I appreciate the opportunity to table the reviewed IDP plan and remaining committed to the developmental plan of the Central Karoo District Municipality. We remain committed to the radical changing to the lives of our communities in the Central Karoo. It is therefore against that background that we table this review of the 2022/2027 IDP (Integrated Development Plan).

Our people in the 2021 LG election have given us mandate and force all progressive parties to work in Coalition, in pursuit of a developmental trajectory. We remain steadfast in the agenda of "Working Together in Development and Growth" the believe remains in that together we can do more.

The IDP review and amendment process needs to be taken as to the terms of Section 34 of the Act which stipulates as follows;

A municipal council-

- (a) Must review its integrated plan-
 - (i) annually in accordance with the assessment of its performance measurements in terms of section 41 and
 - (ii) to the extent that changing circumstances so demand

We are still very keen on our collaborative approach as the Central Karoo District Municipality, we remain focus on our shared service approach in the realisation of our IDP projects.

Therefore, our plans and strategies should be aligned to assist with the lobbying and allocation of funding.

We need to strengthen our community stakeholder forum so that they totally become involve in our planning. The socio-economic situation is having a direct impact on our planning and it hinders us from dealing with greater economical aspect as we cannot ignore the immediate impact.

We must embrace the DDM and try to unlock serious intervention to make our IDP and implementable plan.

We as the regime are looking forward on future engagement with Departments, Sector Stakeholders in trying to implement this plan.

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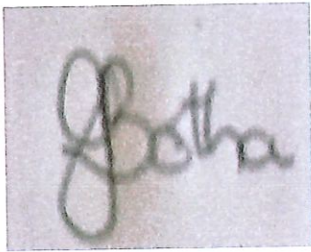
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I therefore will put forward the IDP for adoption with all amendments.

I wish to express my sincere gratitude to the Municipal Manager, Mayoral Committee, Speaker all stakeholders and political and administrative officials, involved in the IDP process.

I thank you



EXECUTIVE MAYOR
COUNCILLOR JOHANNA BOTHA
CENTRAL KAROO DISTRICT MUNICIPALITY

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Acknowledgement by the Municipal Manager

It is a privilege as the accounting officer to present the draft integrated development plan for the 2024-2025 financial year.

As one of the smallest districts in the province, the municipality has continued to strive toward excellence and to serve our communities with pride. We can only improve moving forward. This year's IDP will not be the same as the preceding ones. To streamline and strengthen our operations as a district, our focus this year will be on pressing issues such as: -

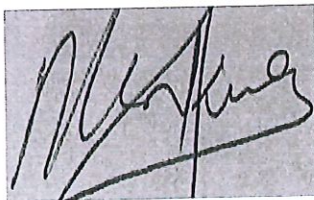
1. Addressing unemployment through projects and programmes.
2. Growing the economy in the region.
3. Developing skills not only of our officials but also our communities through skills programmes and learnerships.
4. Lobby for private sector investment to augment key service delivery projects and assist local municipalities in replacing aging and poor infrastructure.

In addition, special attention will be given to matters of good governance, promoting a culture of performance management, stabilizing the administration by filling key vacancies, and looking at ways to generate own funding to make the municipality more financially sustainable.

We are committed to working with all spheres of government, therefore improving intergovernmental relations, which is the cornerstone of government.

In closing, I want to say thank you to the Executive Mayor, Deputy Mayor, Speaker, and all Councillors for their support and commitment towards achieving our vision of "Together in Growth and Development".

Thank you.



MZINGISI NKUNGWANA
MUNICIPAL MANAGER

Municipal Manager
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CHAPTER 1

INTRODUCTION AND OVERVIEW

1.1 INTRODUCTION AND OVERVIEW

The Central Karoo District Municipality is in its second year to review its five (5) year IDP document. This review process is leading to the adoption of the 2024 – 2025 planning and budgeting /or financial year documents.

The review process, as undertaken, will determine whether the process will ultimately be an amendment of the five-year (2022 – 2027) adopted IDP document or not. The review will be conducted as per the legislative prescript, The Local Government: Municipal Systems Act (Act 34 of 2000).

We, therefore are not re-writing our IDP as we are focusing on whether that which is in our strategic (plans) document remains the same and relevant or not. Our municipal council, after engagements with stakeholders, will determine the relevancy of our five-year (2022 – 2027) IDP plan.

A strategic session with key stakeholders, including our municipal councillors, will be held to resolve this key question. During the 2023/2024 IDP stakeholder engagements, it was emphasised that the focus will be on the implementation of the IDP. This plan should rather outline the actions and who should be driving such and be done by when.

This reviewed IDP document seeks to realise the National Government's District Development Model (DDM) as well as the Provincial "Whole of Society Approach" and the "Whole of Government Approach" in its implementation.

1.2 LEGISLATIVE REQUIREMENT

The **Constitution of the Republic of South Africa** outlines the type of local government needed. Sections 152 and 153 of the Constitution describe the following objectives of local government:

- To ensure the sustainable provision of services;
- To provide a democratic and accountable government for all communities;
- To promote social and economic development;
- To promote a safe and healthy environment;
- To give priority to the basic needs of communities, and
- To encourage the involvement of communities and community organisations in matters of local government.

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The Constitution supersedes all legislative frameworks and the following legislation has been developed to guide municipalities as to its mandate, function, and mechanisms to implement its constitutional mandate:

- a) The **MSA** requires municipalities to develop Integrated Development Plans that will guide the direction and content of potential development within the relevant council's area of jurisdiction and must be reviewed annually. In addition, the Act also stipulates the IDP process and the components of the IDP.
- b) The **Local Government: Municipal Planning and Performance Management Regulations (2001)** sets out the minimum requirements for an Integrated Development Plan. Regulation 2(1) states that the municipality 's IDP must at least identify:
 - *The institutional framework, which must include an organogram required for the implementation of the Integrated Development Plan;*
 - *Any investment initiatives in the municipality;*
 - *Any development initiatives in the municipality, including infrastructure, physical, social and institutional development;*
 - *All known projects, plans and programmes to be implemented within the municipality by any organ of the state, and*
 - *The key performance indicators set by the municipality.*

Regulation 2(3) **Local Government: Municipal Planning and Performance Management Regulations (2001)** sets out matters/issues that must be reflected in the financial plan that must form part of the integrated development plan.

Section 21(2) of the **Municipal Finance Management Act (Act 56 of 2003) (MFMA)** states that, when preparing the annual budget, the mayor of a municipality must:

- *Take into account the municipality 's Integrated Development Plan.*
- *Take all reasonable steps to ensure that the municipality revises the integrated development plan in terms of section 34 of the MSA, taking into account realistic revenue and expenditure projections for future years.*
- *Take into account the national budget, the relevant provincial budget, the national government's fiscal and macroeconomic policy, the annual Division of Revenue Act and any agreements reached in the Budget Forum.*
- *Consult with the relevant authorities.*

The drafting, implementation and review of the IDP on an annual basis is mandatory for all municipalities in terms of the relevant legislation, and it is therefore important to briefly outline this legal framework. The Integrated Development Plan, adopted by the Council of the municipality, is the key strategic planning tool for the municipality.



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A handwritten signature in black ink, appearing to be 'M'.

1.3 PROCESS FOLLOWED

1.3.1 IDP STRATEGIC SESSION

As part of the review process, the municipality held a strategic session at an administrative level, where key issues were highlighted which must be captured in the IDP. Another session is planned with the council after the draft has been adopted.

This session aims to review the IDP Implementation Plan, which will guide activities towards the achievement of the five-year IDP (2022-2027). In addition, the need for more structured and improved methods of collaboration and intergovernmental relations between the district and its constituent local municipalities will also be discussed.

1.3.2 COMMUNITY INVOLVEMENT

Consulting and ensuring stakeholder participation is not just a constitutional mandate as outlined in section 152 (e) but is one of the Central Karoo District Municipality's Strategic objectives. The following stakeholders are some of the key participants in the development, review, implementation as well as the monitoring and evaluation of the IDP: -

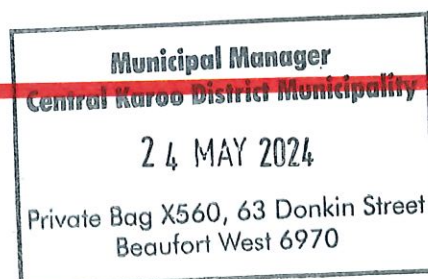
- Local Municipalities in the Central Karoo
- Provincial and National Sector Departments
- Ward Committees
- Agriculture
- Tourism
- NGO's
- CBO's
- FBO's
- Youth Structures

1.3.3 PUBLIC PARTICIPATION

Section 16 of the MSA, states that the municipal manager must ensure that for this purpose –

The municipality encourages and creates conditions for the local community to participate in the affairs of the municipality, including in –

- The preparation, implementation and review of its integrated development plan;
- The establishment, implementation and review of its performance management plan;
- Consideration of draft by-laws;
- The monitoring and review of its performance, including the outcome and impact of such performance
- The preparation of its budget; and
- Strategic decisions relating to the provisioning of municipal services.



The municipality employs sufficient staff members, other than Councillors, who may help in informing and educating the local community about the affairs of the municipality, particularly in the areas referred to in Section 16(1)(a), considering special needs, as defined in Section 17(2) of the Systems Act. All staff members, including Councillors, are trained in the basic knowledge of the areas referred to in Section 16 of the MSA.

Section 16(1) of the Municipal Systems Act 2000 states that a municipality must develop a culture of municipal governance that complements formal representation. This means that a municipality must create conditions for the local community to participate in its affairs, including the involvement of the community in the preparation, implementation, and review of IDPs.

Four major functions can be aligned with the public participation process, namely:

- Needs identification;
- Identification of appropriateness of proposed solutions;
- Community ownership and buy-in; and
- Empowerment.

The 2022-2027 District Framework of the Central Karoo District Municipality was approved by council on 30 March 2022 and reflects the utilization of the following structures and platforms to ensure continued liaison and coordination throughout the IDP process with national and provincial government: -

- Council Council Meetings and Workshops
- Mayoral and Section 80 Committee Meetings
- District Coordinating Forum (DCF)
- District Coordinating Technical Forum (DCFTech)
- District Public Participation Forum
- District IDP Representative Forum
- Provincial Strategic and Technical Integrated Municipal Engagements
- Provincial IDP Managers Forum
- Provincial Public Participation Forum



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After the draft IDP is approved, extensive stakeholder consultation and engagements will take place as follows: -

ACTIVITY	TOWN
B/WEST Municipal Council on draft IDP & Budget	Beaufort West – 14 May 2024 Endorsed by the municipality
Consult B/WEST Local Stakeholders	Beaufort West – 14 May 2024
Laingsburg Municipal council on draft IDP & Budget	Laingsburg – 9 May 2024 Endorsed by the municipality
Consult Laingsburg Local Stakeholders	Laingsburg – 9 May 2024
Prince Albert council on draft IDP and Budget	The municipality did not attend the session.
Consult local stakeholders	Stakeholders did not attend
CKDM Meeting - IDP Representative forum	7 May 2024
CKDM Council Strategic Session	4 April 2024
CKDM Council Meeting – IDP – Budget Approval	22 May 2024

Table 1: Public Participation

The Central Karoo municipality pledged its total commitment to its constitutional mandate of encouraging communities and community organisations in the affairs of the municipality. These consulted stakeholders will sign a pledge of continuous involvement and participatory partnership with the district municipality.



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CHAPTER 2

STRATEGIC DIRECTION AND INSTITUTIONAL ARRANGEMENT

2.1 VISION, MISSION, AND STRATEGIC OBJECTIVES AND VALUES

The strategic direction of the municipality remains unchanged in terms of its Vision, Mission, and Strategic Objectives.

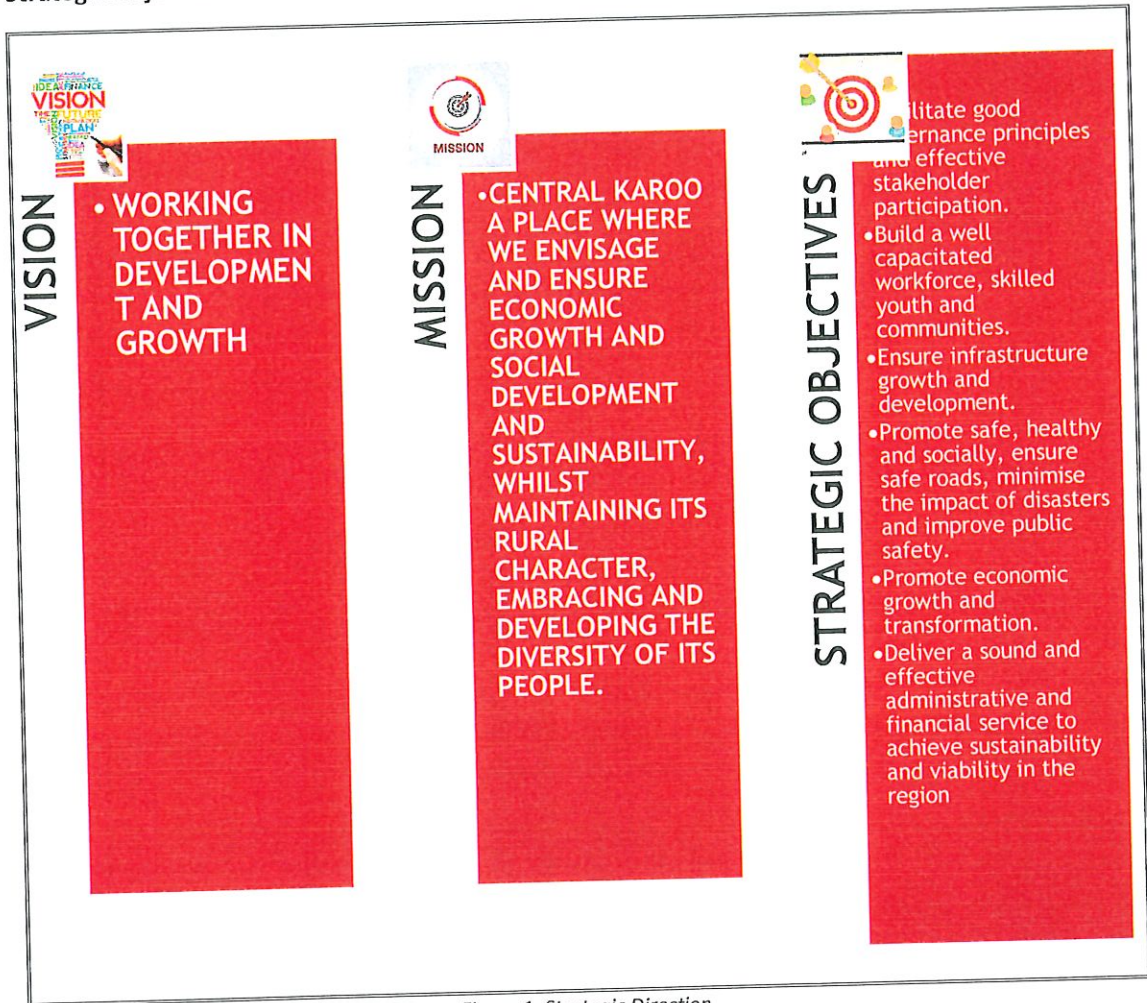


Figure 1: Strategic Direction



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VALUES

- TRUSTWORTHY TO BE OPEN AND RELIABLE
- INTEGRITY TO CONDUCT BUSINESS WITH INTEGRITY
- KINDNESS TO BE SYMPATHETIC AND HAVE EMPATHY
- ETHICAL IN HOW WE DO THINGS
- HONESTY TO ALWAYS BE TRUTHFUL IN OUR DEALINGS
- ACCOUNTABLE TO BE ANSWERABLE TO OUR DECISIONS AND ACTIONS
- RESPECT WE TREAT COLLEAGUES, STAKEHOLDERS AND PUBLIC WITH CONSIDERATION
- TRANSPARENT

2.2 DEVELOPMENTAL STRATEGIES

The strategic vision of the Municipality is built around the strategic objectives. A clear linkage between these objectives, the IDP, the budget, all budgetary documentation, as well as performance tools are maintained throughout: -

National KPA	Municipal Strategic Objective	Outcome	Function
Basic Service Delivery	Prevent and minimize the impact of possible disasters and improve public safety in the region	<ul style="list-style-type: none"> • Improve Disaster Management services in the district • Building good relationship with Social Development • Fire Fighting and Protection • Good governance implemented in the district 	<ul style="list-style-type: none"> • Community and Social Services • Public Safety
	Improve and maintain district roads and promote safe roads transport	<ul style="list-style-type: none"> • Optimal blading maintenance program • To improve road safety conditions • Improved gravel road surfaces • Providing quality and safe roads to improve 	Road Transport



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National KPA	Municipal Strategic Objective	Outcome	Function
	Promote safe, healthy, and socially stable communities through the provision of a sustainable environmental health service	<p>and maintain safe road transport</p> <ul style="list-style-type: none"> • Approved Integrated Regional Waste Management Plan • Approved Air Quality Management Plan • To identify the possible environmental impacts of activities & the development of measures to minimize, mitigate and manage these impacts • To maintain, improve and protect air quality throughout the district by preventing pollution and ecological degradation to give effect to the legal responsibility of the Municipality in terms of National Environmental Management: Air Quality Act, 2004 (Act 39 of 2004) and the National Framework for Air Quality Management • Air quality complying with the National Standards to NEMA: Air Quality Act • Reduced municipal health related burdens, an improved health status and all citizens 	<ul style="list-style-type: none"> • Executive and Council • Municipal Health Services • Environmental Protection • Waste Water Management • Waste Management



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National KPA	Municipal Strategic Objective	Outcome	Function
		<p>living in an environment that is not harmful to their health and wellbeing</p> <ul style="list-style-type: none"> • Prevention of environmental conditions that may constitute a health hazard for protection of public health • To fulfil the constitutional and legal obligations mandated to the Central Karoo District Municipality for the provision of Municipal Health Services • To administer an effective environmental health management system to achieve all environmental health objectives set 	
Good Governance and Public Participation	Facilitate good governance principles and effective stakeholder participation	<ul style="list-style-type: none"> • At least fortnightly meetings with staff • To Manage the Municipality to effectively deliver services within the legal framework • Better communication between local and district municipalities • Compliance to legislative requirements 	<ul style="list-style-type: none"> • Mayor and Council • Finance and Administration • Executive and Council • Internal Audit



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National KPA	Municipal Strategic Objective	Outcome	Function
		<ul style="list-style-type: none"> Risk profile of the municipality evaluated and monitored 	
Local Economic Development	Promote regional, economic development, tourism and growth opportunities	<ul style="list-style-type: none"> To create an enabling environment for the promotion of economic development Updated SDF Temporary job creation Shared vision for District-wide economic growth 	<ul style="list-style-type: none"> Planning and Development Other
Municipal Financial Viability and Management	Deliver a sound and effective administrative and financial service to achieve sustainability and viability in the region	<ul style="list-style-type: none"> To ensure the financial viability and sustainability of the municipality To ensure compliance with the Supply Chain Management policy and Regulations 	Finance and Administration
Municipal Transformation and Institutional Development	Build a well capacitated workforce, skilled youth, and communities Deliver a sound and effective administrative and financial service to achieve sustainability	<ul style="list-style-type: none"> To attract, build and retain a pool of staff Approved policies to enhance service delivery To provide administrative and corporate support to Council and the employees of the Municipality Sufficient budget allocated to fill critical positions Alignment of Staff structure with IDP To improve, maintain and manage the Municipal IT systems 	<ul style="list-style-type: none"> Finance and Administration Executive and Council



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2.3 COUNCIL AND COMPOSITION OF COUNCIL

Section 157 of the Constitution makes provision for the composition and election of Municipal Councils and states that a Municipal Council consists of –

- members elected in accordance with subsection (2) and (3); or
- if provided for by national legislation
 - I. members appointed by other Municipal Councils to represent those other Councils; or
 - II. both members elected in accordance with paragraph (a) and members appointed in accordance with subparagraph (i) of this paragraph.

The council is led by a composition of the African National Congress (ANC), Patriotic Alliance (PA) and Karoo Democratic Force (KDF). The composition of the council is outlined in the table below: -

Name of Councillor	Capacity	Political Party
Cllr J. Botha	Executive Mayor	ANC
Cllr G. Pietersen/Cllr T C J Prince - 22.02.2024	Ex Deputy Mayor	PA
Cllr L. Paulse	Speaker	ANC
Cllr N. Constable	Councillor	KDF
Cllr E. Botha - resigned 8.02.2024	Councillor	PA
Cllr I.A. Jacobs	Full-Time Councillor	KDF
Cllr A. Mackay	Councillor	PA
Cllr L. V Piti	Councillor	ANC
Cllr L.B. J Mduumani	Full-Time Councillor	ANC
Cllr J Reynolds	Councillor	DA
Ald J van der Linde	Councillor	DA
Cllr A P Swanepoel	Councillor	DA
Cllr D U Snyders	Councillor	DA
Cllr D W Sampie	Councillor	Good
Cllr S.D. Koonthea	Councillor	DA
Cllr N. Abrahams - replaced 22.02.2024	Councillor	PA

Table 2: Composition of Council



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2.3.1 EXECUTIVE MAYORAL COMMITTEE

The Executive Mayor, Deputy Mayor, and three full-time Councillor constitute the Executive Mayoral Committee:

Composition of Executive Mayoral Committee	
Name of Member	Capacity
Cllr J. Botha	Chairperson
Cllr G. Pietersen/ Cllr T Prince	Deputy Mayor & Full-time Councillor
Cllr I. Jacobs	Full-Time Councilor
Cllr L.B.J. Mdudumani	Full-Time Councillor
Cllr E. Botha – resigned 8.02.2024	Full-Time Councillor
Cllr D W Sampie – replaced 22.02.2024	Full-Time Councillor
Cllr L.B.J. Mdudumani	Full-Time Councillor

Table 3: Executive Mayoral Committee

2.3.2 PORTFOLIO COMMITTEES

The portfolio committees' primary responsibility is to exercise oversight over the executive arm of the Municipality's governance structure. These committees monitor the delivery and outputs of the executive and may request directorates to account for the outputs of their functions.

The table below indicates the established committees within the Municipality: -

Portfolio Committees	
Committee	Chairperson
Executive Mayoral	Cllr J. Botha
Finance Committee	Cllr J. Botha
Corporate Services & HR Dev	Cllr T. Prince
Municipal Services and Infrastructure	Cllr I.A Jacobs
Economic and Social Development	Cllr J. Mdudumani
Local Labour Forum	Cllr I. A Jacobs
MPAC	Cllr A. MacKay

Table 4: Portfolio Committees



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2.4 ADMINISTRATION

2.4.1 EXECUTIVE MANAGEMENT STRUCTURE

The administration arm of the Municipality is headed by the Municipal Manager, who has three Section 57 Managers reporting directly to him. The Municipal Manager, as head of the administration, is responsible and accountable for tasks and functions as provided for in Section 55 of the MSA, other functions/tasks as provided for in legislation as well as functions delegated to him by the Executive Mayor and Council.

The executive management team is as follows: -

DEPARTMENT	POSITION	NAME AND SURNAME
Office of the Municipal Manager	Municipal Manager	Mr. Msingizi Ngungwana
Financial Services	Director: Financial Services (Acting)	Mr. Roland Butler
Corporate Services	Director: Corporate Services (Acting)	Advocate Tankiso Mea
Socio-Economic Services	Director: Socio-Economic Services (Acting)	Mrs. Barbara Koopman
Road Infrastructure Services	Senior Manager (Acting)	Mr. Wesley Strong

2.4.2 DEPARTMENTAL STRUCTURE

The Municipality has 5 departments and the functions of each can be summarised as follows: -

Departmental functions	
Department	Core functions
Office of the Municipal Manager	Executive and Council, Finance and Administration, Internal Audit and Legal Services
Road Infrastructure	Maintenance of road infrastructure.
Financial Services	Finance and Administration.
Corporate and Strategic Support Services	Executive and Council, Finance and Administration, Human Resources.
Socio-Economic Services	Community and Social Services, Environmental Protection, Municipal Health, Planning and Development, Public Safety, Waste Management and Planning and Development.

Table 5: Departmental Structure



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2.4.3 MUNICIPAL WORKFORCE

Section 68(1) of the MSA states that a municipality must develop its human resource capacity to a level that enables it to perform its functions and exercise its powers in an economical, effective, efficient, and accountable way. The organisational structure should be revisited during the development of the IDP and budget to ensure that the municipality still delivers services productively and sufficiently. The Municipality has a macro structure and organogram that was approved by the Council on 26 October 2023.

The new staff establishment was developed in line with normative human resource practices, taking cognizance of the transformation targets and requirements as stated in the Basic Conditions of Employment Act. The recruitment of employees by the Municipality is conducted in terms of the Municipality's Recruitment and Selection Policy as well as the municipal staffing regulations. The Approved organogram will be attached as an annexure to the IDP.

Based on the strategic and policy decisions made by the Council, the senior management team develops service plans for integration with other sectors within the strategy for the municipality. The senior management team of the Municipality is supported by a municipal workforce of 184 permanent employees, which is structured in the departments to implement the IDP strategic objectives as tabled below: -

Posts in the Organisation					
Permanent positions filled	Funded vacancies		Unfunded vacancies		Total
161	23		0		184
Representation of employees					
Employees categorised in terms of gender (permanent and temporary employees)	Male		119		161
	Female		42		
Employees categorised in terms of race (permanent and temporary employees)	Coloured	African	Indian	White	161
	116	35	0	10	
Total (permanent and temporary employees)					



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Workforce profile									
Occupational levels	Male				Female				Total
	A	C	I	W	A	C	I	W	
Top management	1	0	0	0	0	1	0	0	2
Senior management	0	1	0	0	0	0	0	0	0
Professionally qualified and experienced specialist and mid-management	0	2	0	1	0	1	0	4	8
Skilled technical and academically qualified workers, junior management, supervisors, foremen and superintendents	7	14	0	4	6	16	0	1	48
Semi-skilled and discretionary decision-making	5	45	0	0	3	5	0	0	58
Unskilled and defined decision-making	9	30	0	0	4	2	0	0	45
Total permanent	22	92	0	5	13	24	0	5	161
Non-permanent	7	6	0	0	5	4	0	0	22
Grand total	29	98	0	5	18	28	0	5	183

Table 6: CKDM Workforce



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Below is a table that indicates the budgeted posts reflected as filled and vacant: -

Per occupational level		
Post level	Filled	Vacant
Top management	1	3
Senior management	0	0
Professionally qualified and experienced specialists and mid- management	8	
Skilled technical and academically qualified workers, junior management, supervisors, foremen and superintendents	48	6
Semi-skilled and discretionary decision making	58	7
Unskilled and defined decision making	45	7
Total	161	23
Per functional level		
Functional area	Filled	Vacant
Municipal Manager	4	0
Financial Services	16	0
Corporate Services	13	1
Road Infrastructure	105	18
Socio Economic Services	23	4
Total	161	23

Table 7: Budgeted Posts

The Municipality has the following policies and service delivery improvement plans to support the workforce in delivering on the strategic objectives: -

Approved policies		
Name of Policy	Responsible Department	Date Approved / Revised
Recruitment, Selection and Appointment	Corporate Services - HR	29 May 2023
Leave	Collective Agreement	N/A
Study Bursary	Corporate Services - HR	29 June 2023



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Approved policies		
Name of Policy	Responsible Department	Date Approved / Revised
Employee Wellness	Corporate Services - HR	22 August 2018
In-Service Training	Corporate Services - HR	24 august 2021
Employment Equity	Corporate Services - HR	29 May 2023
Exit Management	Corporate Services - HR	29 May 2023
Individual Performance Management	Corporate Services - HR	27 August 2022
Induction	Corporate Services - HR	29 May 2023
Mentoring & Coaching	Corporate Services - HR	29 May 2023
Probation	Corporate Services - HR	29 May 2023
Promotion, Transfer & Secondment	Corporate Services - HR	29 May 2023
Service Charter	Corporate Services - HR	29 May 2023
Health and Safety Plan	Technical Services - OHS	28 November 2011
Sexual Harassment	Corporate Services - HR	24 February 2016
Education, Training & Development	Corporate Services - HR	29 May 2023
Bonus	Collective Agreement	N/A
Family Responsibility Leave	Collective Agreement	N/A
Acting	Collective Agreement / Corporate Services - HR	2 December 2022
Communication	Corporate Services - Communications	26 May 2022
Slaughtering of animals for Cultural or Religious purposes	Corporate Services - MHS	Approved by Council – 10/03/2012



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Approved policies		
Name of Policy	Responsible Department	Date Approved / Revised
Budget and Treasury Policies *	Financial Services	To be submitted to Council for Approval

Table 8: HR Policies



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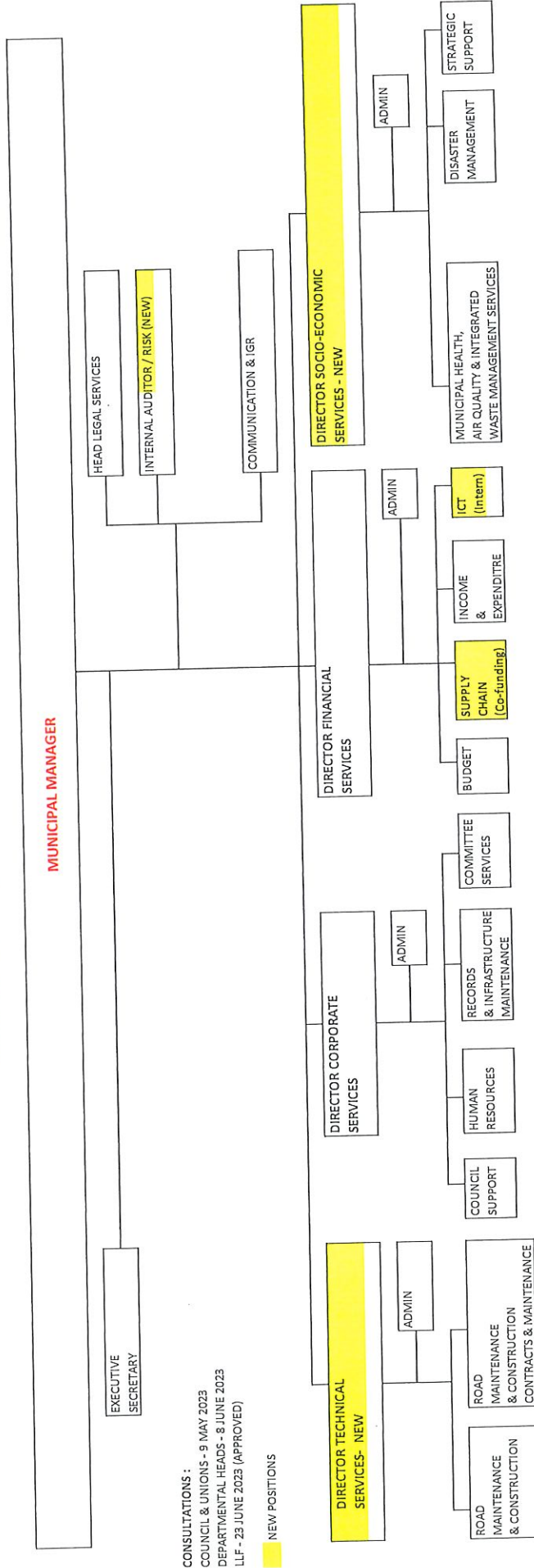
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2.5 STAFF ESTABLISHMENT (ORGANOGRAM)

MACRO STRUCTURE - 2023/2024 (APPROVED BY COUNCIL - 26 JUNE 2023)



CONSULTATIONS :

COUNCIL & UNIONS - 9 MAY 2023
 DEPARTMENTAL HEADS - 8 JUNE 2023
 LIF - 23 JUNE 2023 (APPROVED)

NEW POSITIONS

Refer to discussions on 4 July 2023 - Admin positions is unfunded.

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CHAPTER 3

SITUATIONAL ANALYSIS

3.1 BRIEF OVERVIEW OF THE CENTRAL KAROO DISTRICT MUNICIPALITY

The Central Karoo District Municipality (CKDM) is one of five Category C District municipalities in the Western Cape Province.

The N1 (National Road) and main railway cut through the district in a northeast– southwest direction, connecting it to Cape Town (500km southwest of the district) and Johannesburg (1000km northeast of the district).

The CKDM covers a total area of 38 852km², making it the largest district municipality in the province. It stretches approximately 400km from its furthest southeast point to its furthest northwest point and includes the towns of Beaufort West, Laingsburg, and Prince Albert (also the names of the 3 local municipalities within the district).

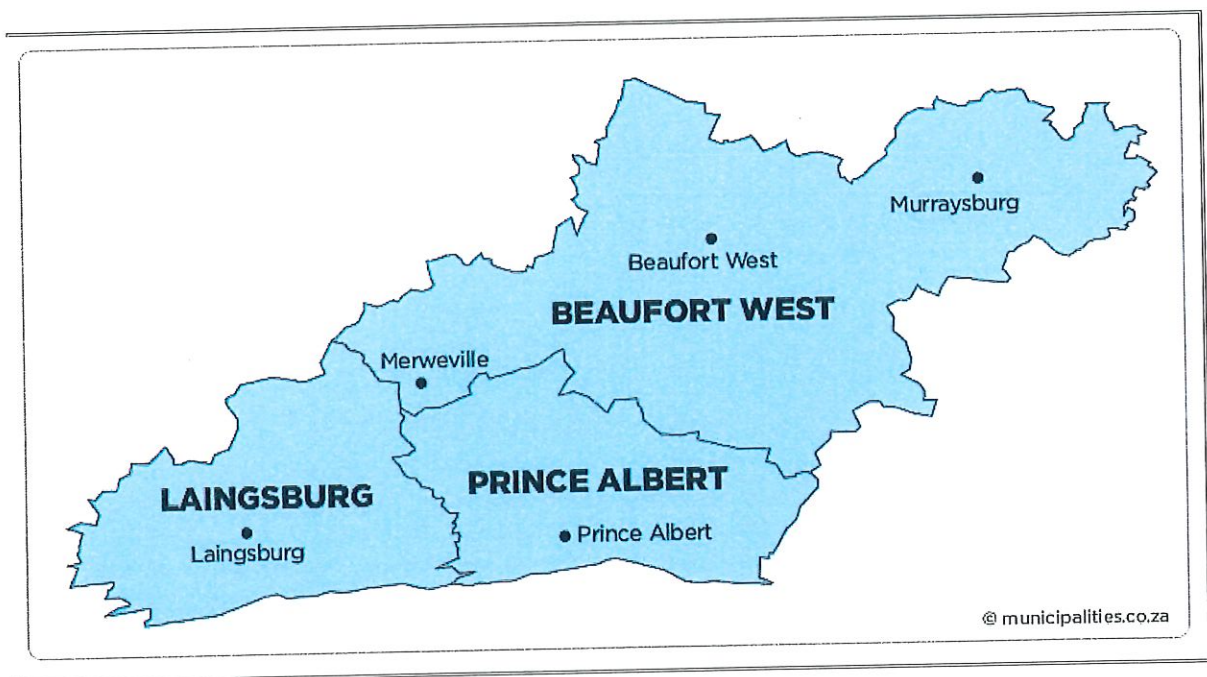


Figure 2: Locality Map: CKDM

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3.1.1 PRIORITIES OF LOCAL MUNICIPALITIES

The following key priorities have been highlighted by the respective local municipalities: -

3.1.1.1 Laingsburg Municipality

- Assistance in addressing water and electricity losses.
- Development of the Long-Term Financial Plan.
- Review of sector plans.
- Addressing the issue of aging infrastructure.
- Expanding of revenue base

3.1.1.2 Prince Albert Municipality

- Upgrading of electrical network.
- Upgrading of Sydwill Williams sportfield.
- Installation of high mast streetlights in Klaarstroom.
- Development of 208 units of RDP and GAP Housing in Prince Albert.
- Upgrading of stormwater network and sewerage network connection in Leeu Gamka
- Youth and Local Economic Development.
- Focus on recycling initiatives.
- SMME Development and Assistance.

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3.2 CENTRAL KAROO AT A GLANCE

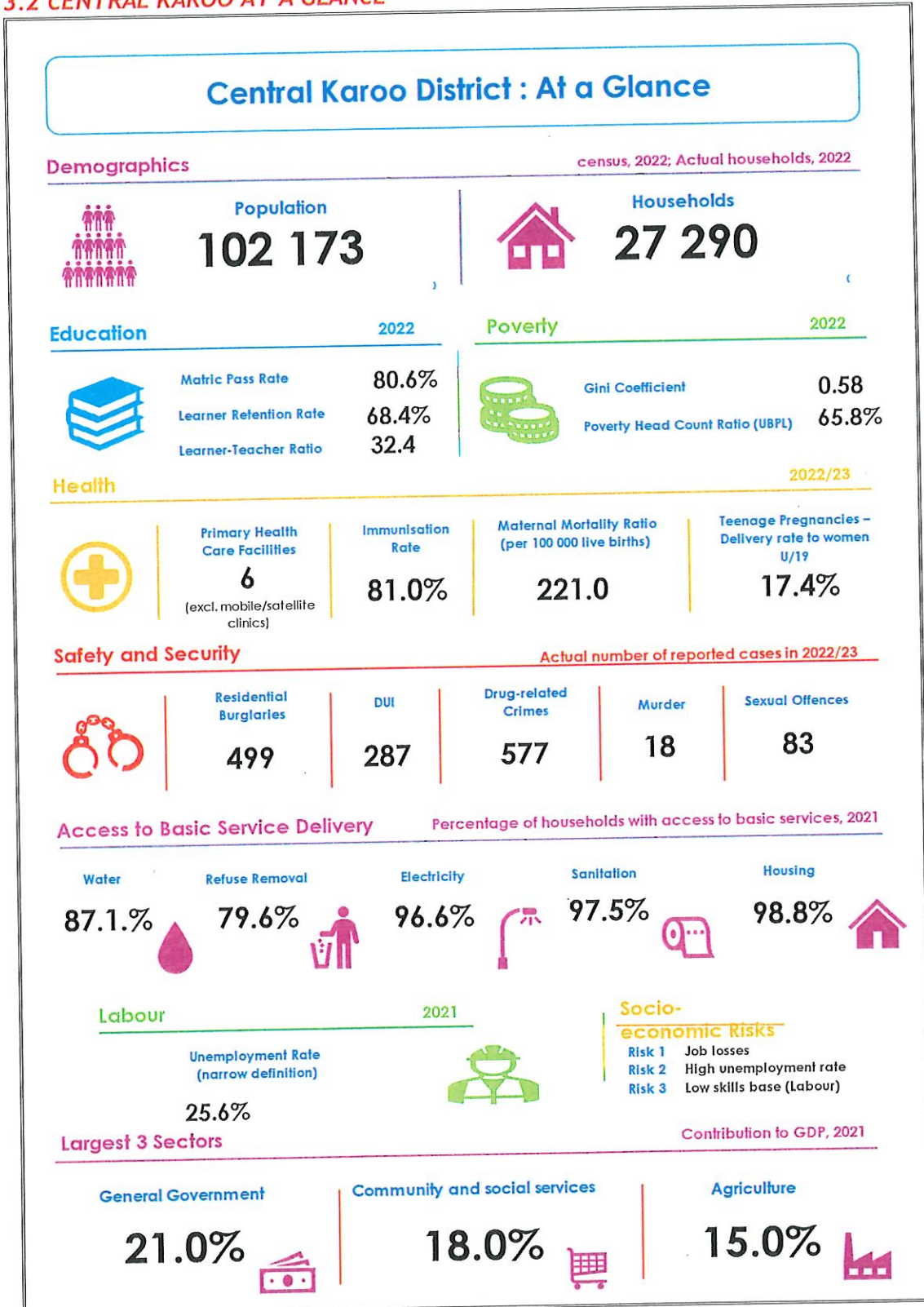


Figure 3: CKDM at a glance



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3.3 DEMOGRAPHICS

Demographics are a key important aspect of the municipal planning and budgeting process. The delivery of basic services is determined and influenced by population information, fertility, mortality, and migration rates influence changes in population figures.

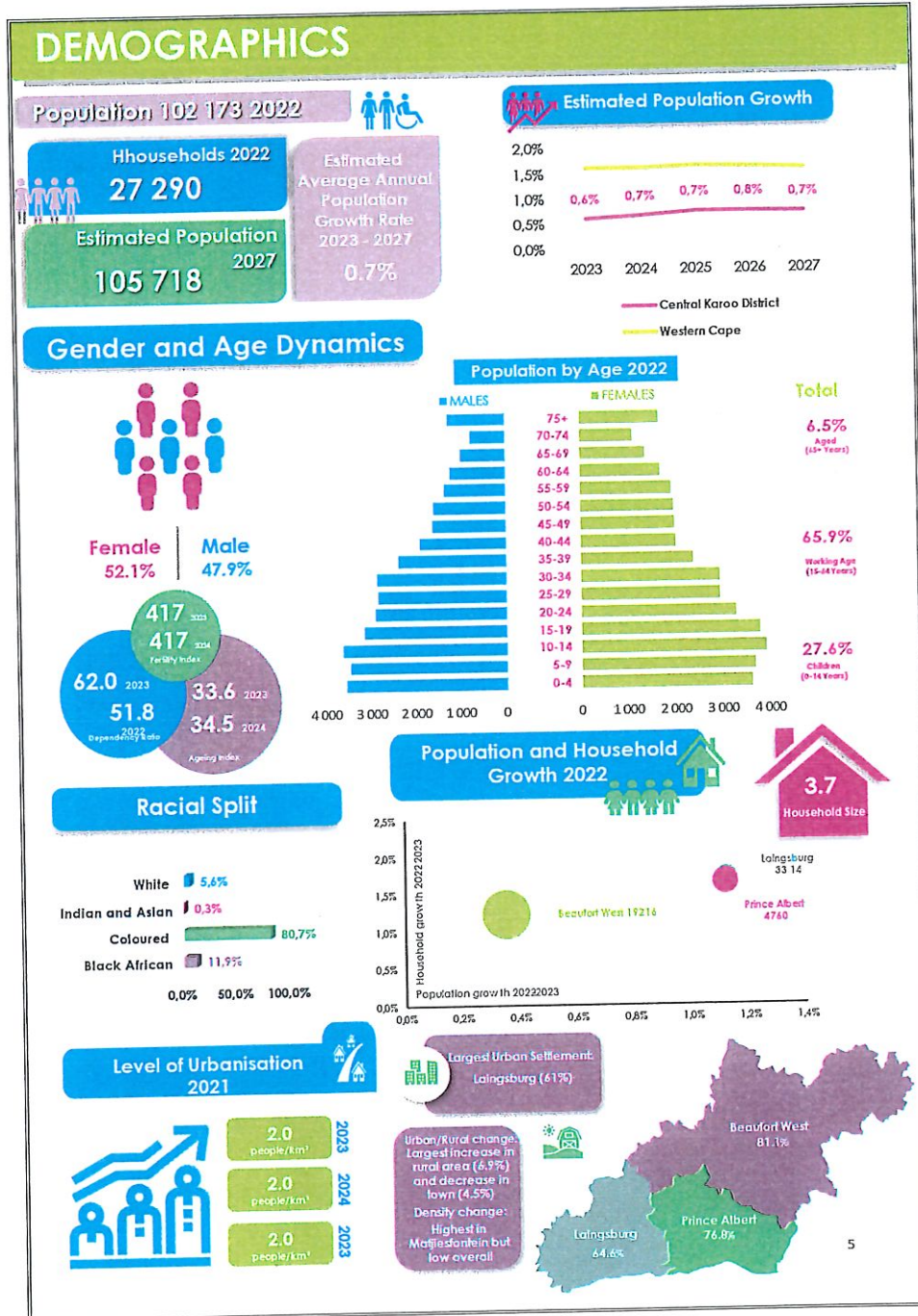


Figure 4: Demographic Profile: CKDM

The population of the Central Karoo District (CKD) is estimated at 102,173 people in 2023. As per the 2022 Census data, the population has grown by 3.5 percent per annum between 2011 and 2022. The average increase is forecasted at an annual rate of 0.7 percent between 2022 and 2027 which is below the Western Cape average of 1.5 percent.



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3.4 EDUCATION

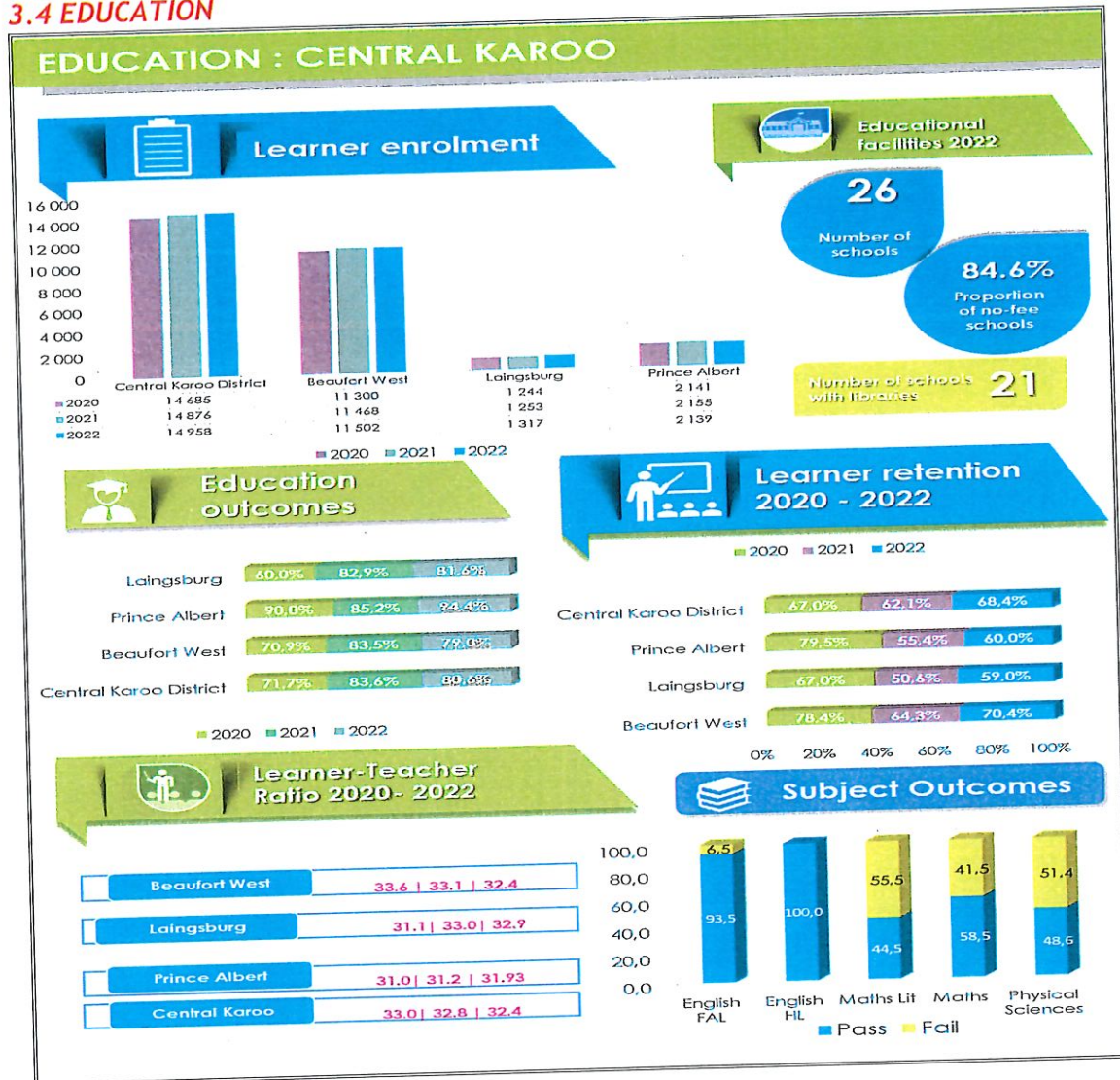


Figure 5: Educational Levels

Education plays a key role in the development of an individual as well as a community, and therefore a community with a high number of educated persons is likely to be more developed and more prosperous than one with less educated individuals. Higher levels of education generally lead to higher-paying jobs and *vice versa*. South Africa has a large supply of unskilled labour, but also a large demand for skilled labour, thus resulting in high levels of unemployment amongst unskilled individuals.

From the figure above, a great concern is the decline in education outcomes from 83.6 percent in 2021 to 80.6 percent in 2022. In addition, this decline could be due to the dropout rates of students. This could further impact the already high unemployment rate in the district.

Another issue of concern is the low pass rates for mathematics, mathematics literacy as well as physical science. Engagement with the Department of Education is necessary to ascertain what interventions can be introduced to assist students. Furthermore, the Department of Social Development should also be involved in further investigation into student dropouts.



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3.5 HEALTH

HEALTH

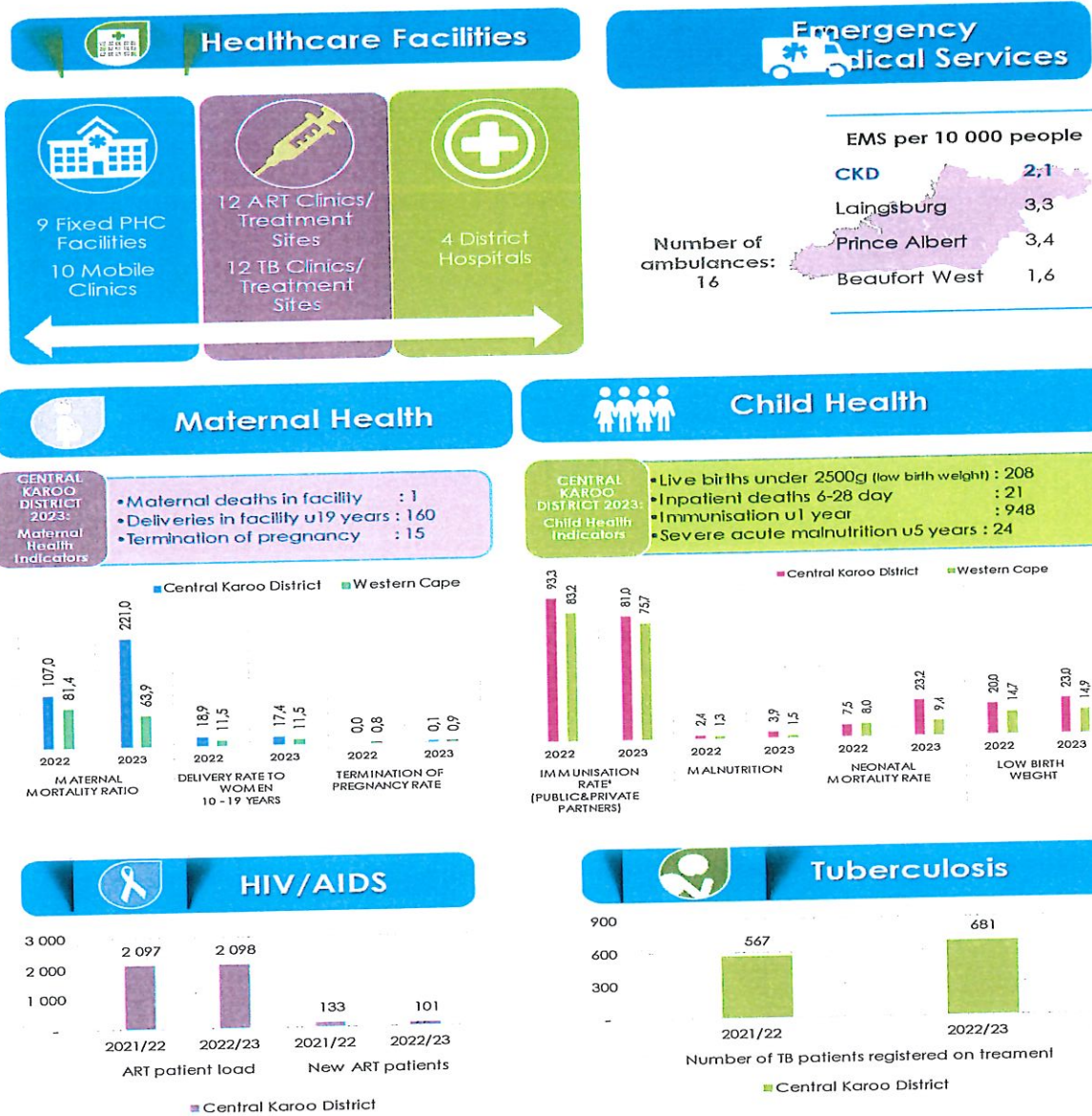


Figure 6: CKD Health

The teenage pregnancy rate (girls u19) in the district is higher than the teenage pregnancy rate in the province. The Laingsburg municipal area recorded the highest rate in the district at 19.1 percent in 2022/2023. This is one of the prominent factors leading to school dropout rates among teenage girls.

Another cause for concern is the increased number of TB patients receiving treatment. There are a total number of 681 patients registered in 2022-2023. This implies a more proactive approach to identifying and treating individuals with tuberculosis in the community, contributing to better public health outcomes.



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3.6 POVERTY



Figure 7: Poverty Levels

The CKD recorded GDP per Capita of R53 666 which is considerably lower than the Provincial level of 113 327 in 2022. However, it should be noted that the GDP per capita expanded in the CKD area over the 3 years. This can be attributed to the strength of the local agriculture sector, which enabled economic expansion in the context of slow population growth.

The Upper Bound Poverty Line (UBPL) headcount ratio is the proportion of the population living below the UBPL i.e., that cannot afford to purchase adequate levels of food and non-food items. The UBPL in South Africa is R1 417 (in April 2022 prices) per person per month.

In 2022, poverty was higher in CKD at 65.8 compared to the Western Cape average of 64.1. Within the CKD poverty levels were higher in Prince Albert followed by Beaufort West municipal areas with 67.0 percent and 65.8 percent respectively of the population falling below the UBPL in 2022.



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3.7 BASIC SERVICE DELIVERY

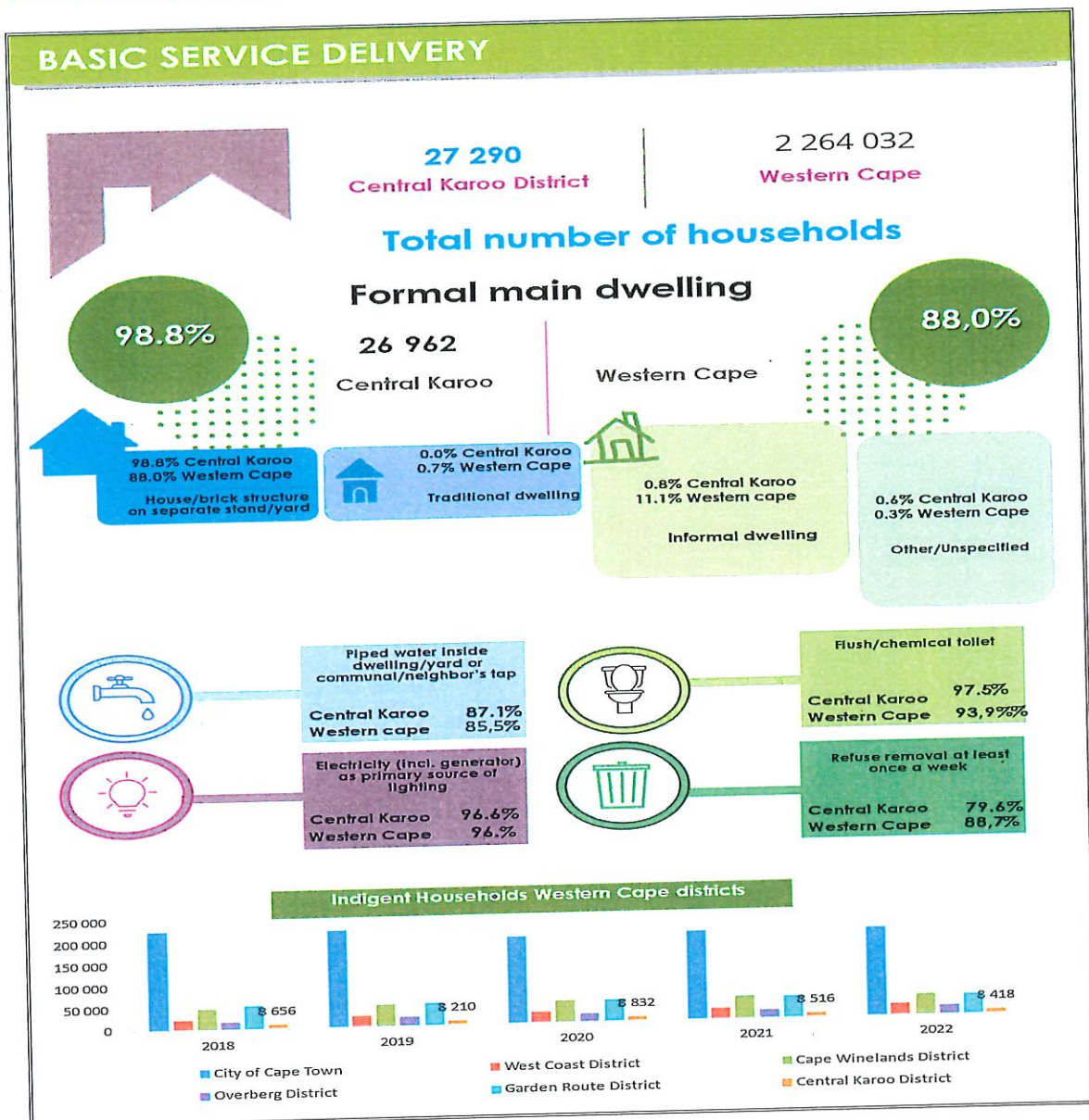


Figure 8: Basic Service Delivery Levels

Although the CKD area has 98.8 percent access to formal housing, higher than the Western Cape average of 88.8 percent in 2022, the Beaufort West municipal area still has the highest housing demand in the CKD, with 50.0 percent of households registered on the Western Cape Housing Demand Database. This demand stems from the prevalence of informal settlements and lower wages in areas such as Merweville and Murraysburg.

To address this challenge, a few housing support programmes have identified intervention sites for the 2023/24 MTREF period. These include the Finance Linked Individual Subsidy (FLISP), for which 120 subsidised housing units are being built in the Beaufort West area, and the Integrated Residential Development Programme (IRDP), for which 220 IRDP houses are being built in the Murrayburg area. In addition, 67 IRDP houses are being constructed in the Essopville area under the auspices of the IRDP.



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3.8 SAFETY AND SECURITY

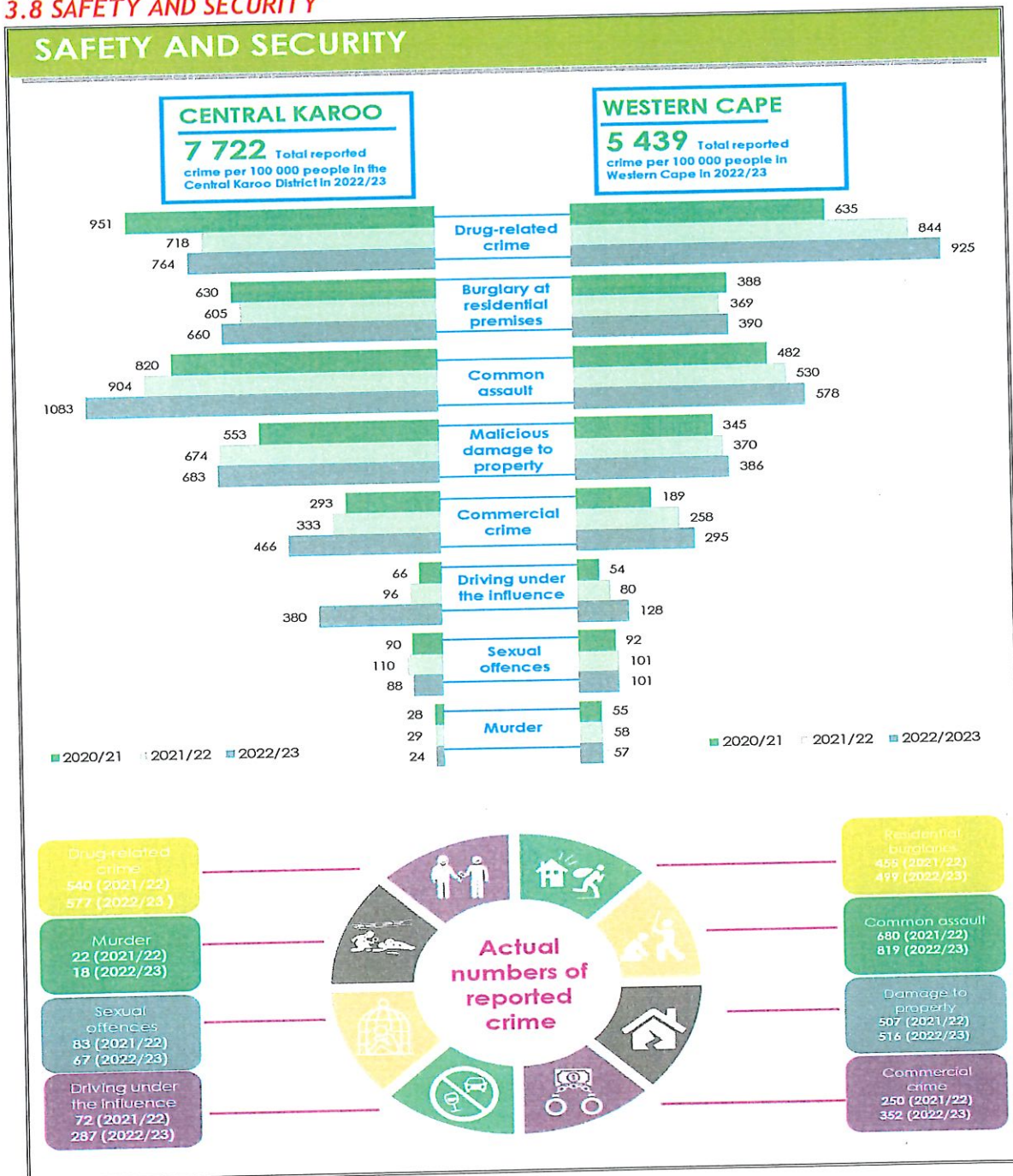


Figure 9: Safety and Security

The following offenses increased in the CKD: -

- Drug-related Offences
- Driving under the influence (DUI)
- Residential Burglaries and damage to properties
- Commercial Crime

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3.8.1 Drug-related Offences

Drug-related crime in the Central Karoo District escalated from 540 actual cases in 2021/22 to 577 actual cases in 2022/23, constituting an increase of 7.0 percent in reported cases. Nevertheless, when considering drug-related offenses per 100,000 people, fluctuations are noted between 2020/21 and 2022/23.

3.8.2 Driving under the influence (DUI)

The number of cases of driving under the influence of alcohol or drugs in the CKD saw an alarming increase from 72 actual cases in 2021 to 287 actual cases in 2022/23. This translates into a rate of 380 cases per 100 000 people in 2022/23, which is above the Provincial average of 128 cases per 100,000 people.

3.8.3 Residential Burglaries and damage to properties

The CKD area witness a significant increase in crime with the actual number of residential burglaries increasing from 455 burglaries in 2021/22 to 499 burglaries in 202/23, reflecting an increase of 9.7 per cent between the reporting period.

The number of reported cases of damages to property increased from 507 to 516 between 2021/22 and 2022/23.

3.8.4 Commercial Crime

There is also a notable increase in reported cases of commercial crime from 250 actual cases in 2021/22 to 352 actual cases in 2022/23 highlighting a growing concern for the economic landscape within the district. Understanding and monitoring such trends are crucial for assessing community safety, law enforcement effectiveness, and potential areas for preventive measures or interventions



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3.9 GDPR PERFORMANCE

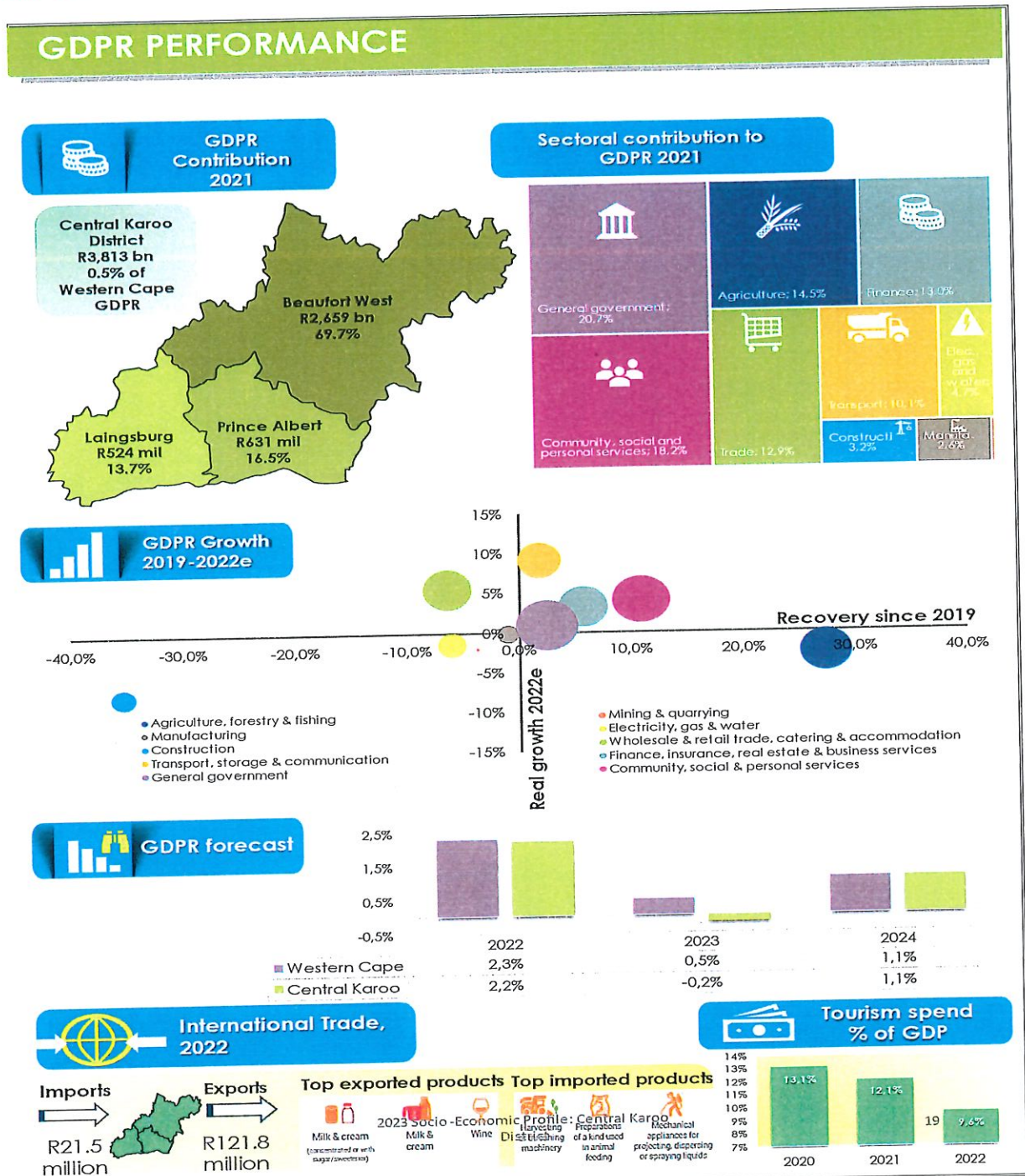


Figure 10: GDPR Performance

The GDPR of the CKD is estimated to have expanded by 2.2 percent in 2022. The general government and community services sectors were responsible for most economic activity in the district, collectively contributing 39.0 percent of the GDP of the CKD in 2021. This is followed by Agriculture contributing 15 percent to the district economy. Trade and Finance at 13 percent each were also among the top-performing sectors in the district.



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3.10 LABOUR MARKET PERFORMANCE

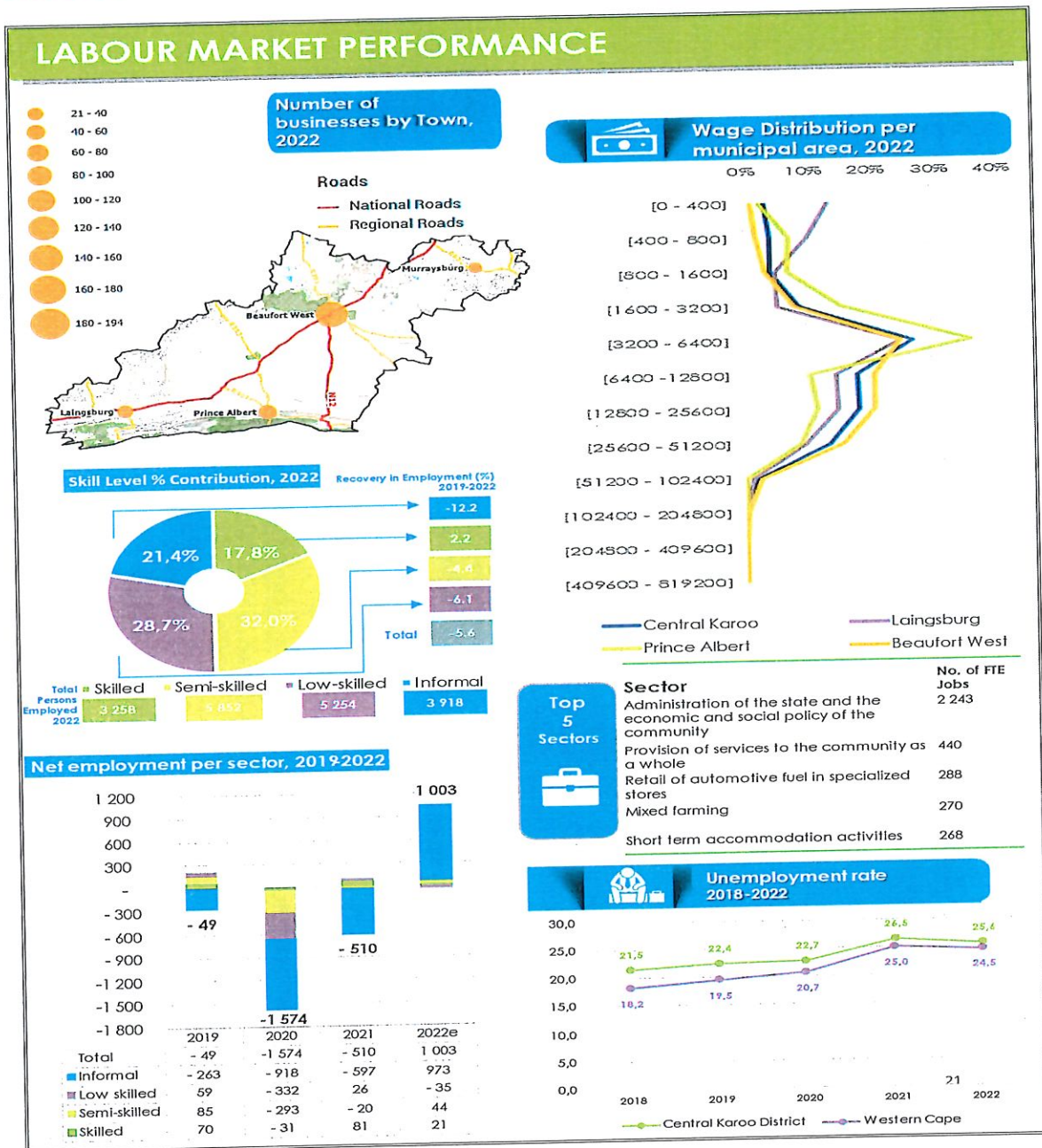


Figure 11: Labour Market Performance

It is estimated that the CKD area employment in 2022 amounts to 18282 workers, of which 14 364 (78.6 percent) are employed in the formal sector and 3 918(21.4 percent) are informally employed. The labour force participation rate increased by 1.9 percentage points to reach 52.7 percent, highlighting the limited extent of economic activity in the district.

Although unemployment fell to 25.6 percent (a 0.9 percentage point decrease), the unemployment rate in the CKD remains higher than in the province (24.5 percent), highlighting the need for private sector investment to facilitate job creation in the district. The net job growth in the district is expected to be positive in 2022, largely boosted by employment in the informal sector. The informal sector created a net job growth of 973 in 2022.



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3.11 ENVIRONMENTAL STATUS QUO: CURRENT STATE OF THE CKDM

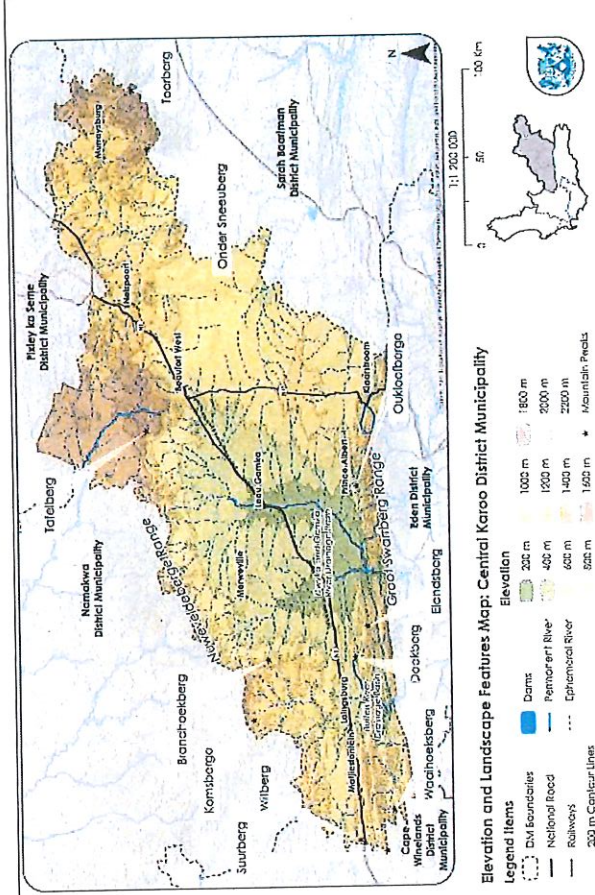
The purpose of this chapter is to give a brief overview of the existing state of development of the Central Karoo District Municipality. This section provides an overview of the key biophysical, natural, mineral. This is in line with Municipal Systems Act (Act 32 of 2000) Section 26(b) which requires that assessment of development and communities without basic services.

3.11.1 THE BIO-PHYSICAL AND NATURAL ENVIRONMENT ASSESSMENT

The natural environment is the realm within which and the basis upon which all plant, animal and human life systems operate, including society, the economy and agriculture. To live sustainably, the natural environment should never be compromised to the point where its natural systems and services are unable to provide its ecological systems and services to both existing and future generations or people.

3.11.2 GEOLOGY, TOPOGRAPHY, LANDSCAPE CHARACTER & SCENIC ASSETS

The majority of the district consists of gently undulating plains, however, several mountain ranges provide for a dramatic contrast as illustrated the Swartberg mountain range in the south of the district, providing a natural barrier between the district and the southern Cape coast. This range, one of the longest in South Africa, spans 230 km from Laingsburg in the west to Willowmore and Uniondale in the east. The highest peak within the range is the Seweweekspoort at 2,325 m above mean annual sea level.



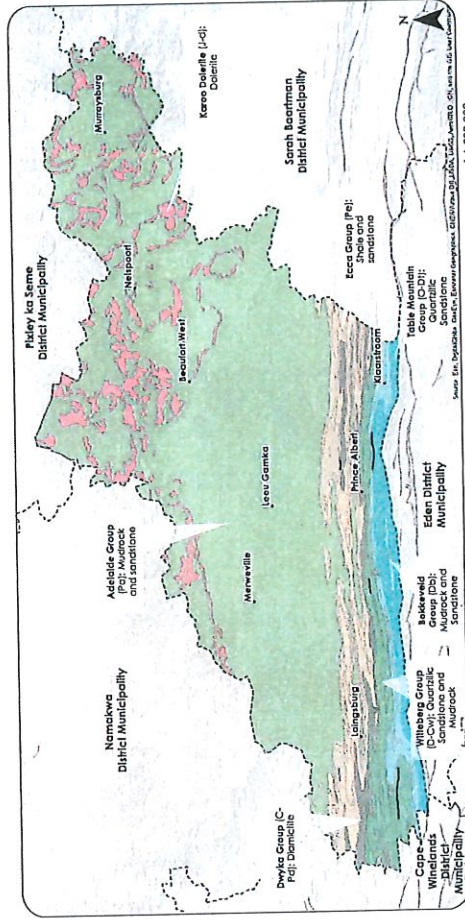
(amasl). This range of mountains comprises predominantly of the Table Mountain group, boasting many impressive sandstone strata and rock formations. The Nuweveld Mountain range to the north of Beaufort West ranges between 825 to 1,911 m. Toorberg to the south of Murraysburg forms part of the Sneeuwberg range which is the divide between the Central Karoo District and the Eastern Cape. The peak is 2,400 metres above sea level. Toorberg is known for its many watercourses.

Showing the key geological formations of the Karoo, highlights 3 broad geological regions – a southern mountain region made up of the Dwyke, Witteberg, Bokkeveld and Table Mountain Group, a central region dominated by the Adelaide Group and a northern portion where Karoo Dolomite outcrops create the Sneeuwberg mountain range.

It should be noted that the region can be classified into broad scenic assets or places of significant landscape character as shown in Figure 3.1.c. As recognised by the Heritage and Scenic Resources Inventory and Policy Framework for the Western Cape (2013), the Central Karoo can be characterised into 4 broad landscape regions being:

- (1) the higher altitude 'Nuweveld Plateau';
- (2) the Nuweveld Mountain escarpment;
- (3) the lower altitude 'Die Vlakte' made up predominantly of Beaufort shales / Adelaide Group rock type; and
- (4) the Swartberg Mountains.

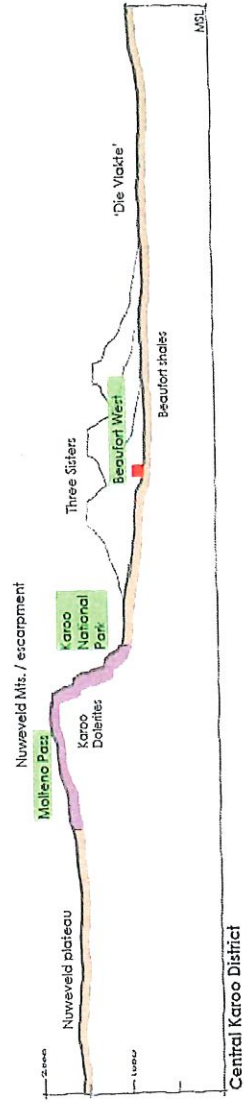
The view sheds on offer in the Karoo landscape reflects a silent, sparse and peaceful arid landscape.



Simplified Geology Map: Central Karoo District Municipality

Geological Group (Council for Geosciences, 2008)

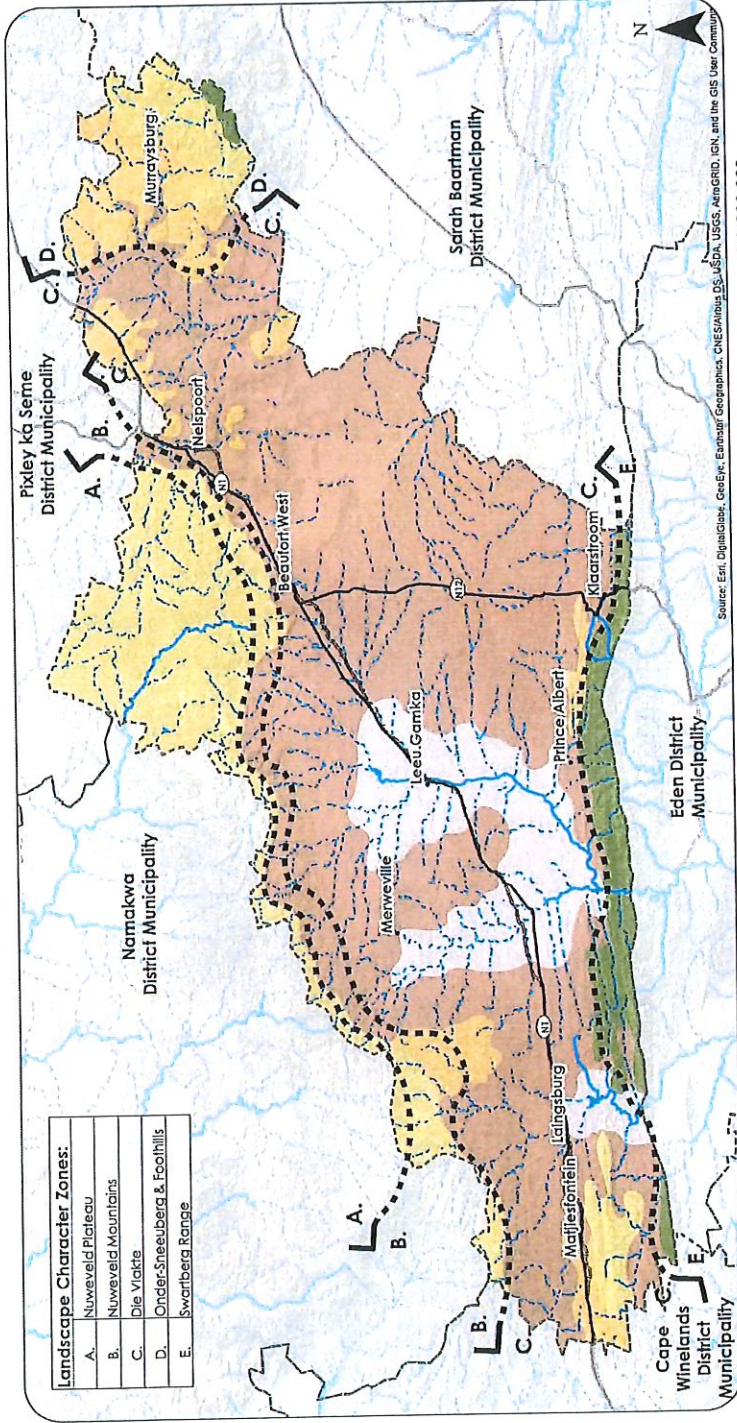
- Adelaide (Pa)
- Karoo Dolomite (J-d)
- Bokkeveld (Bb)
- Table Mountain (O-D)
- Dwyke (C-Pa)
- Witteberg (D-Cw)
- Ecca (Pe)
- Fault Lines



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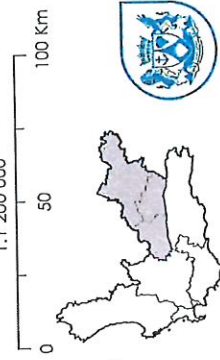
Landscape Character Zones:

A.	Nuweveld Plateau
B.	Nuweveld Mountains
C.	Die Vlakte
D.	Onder-Sneeuberg & Foothills
E.	Swarberg Range

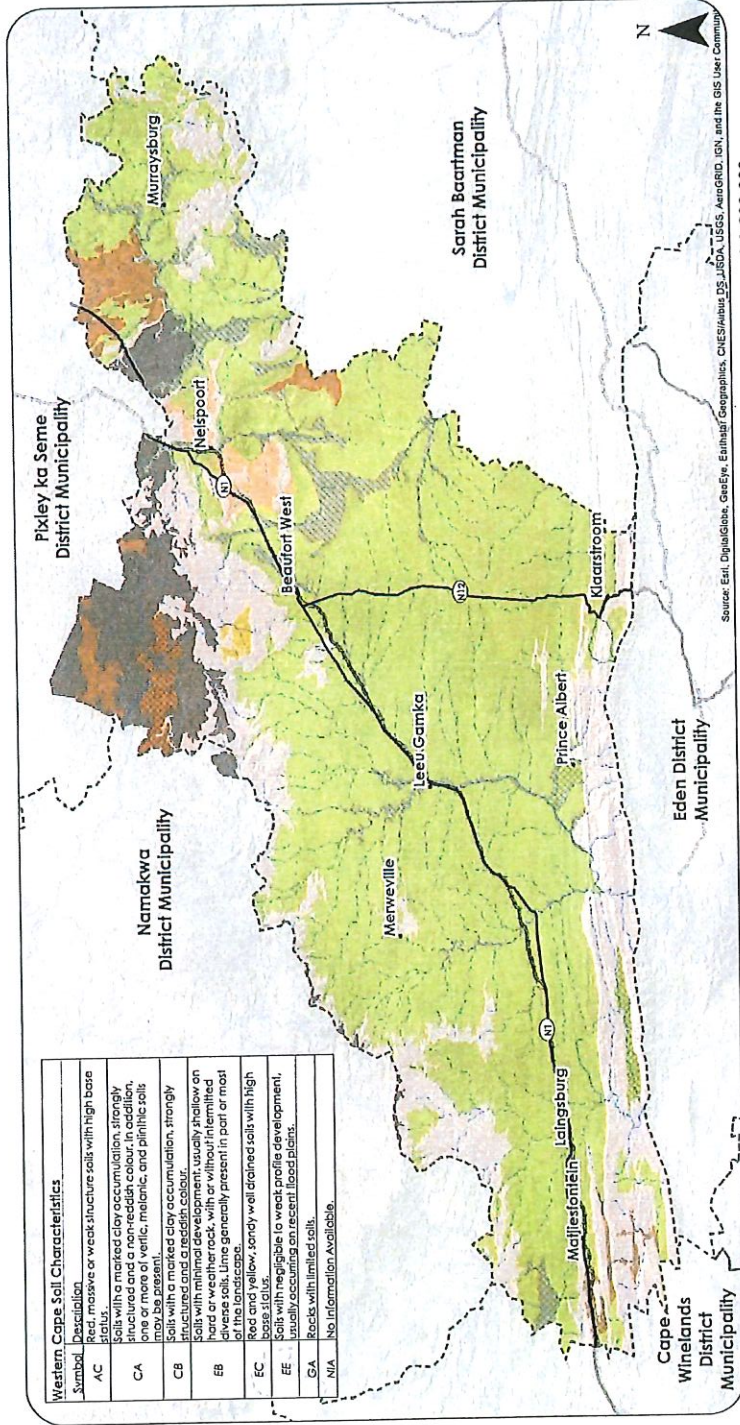
Landscape Character Map: Central Karoo District Municipality

- Road Type**
- National Road
 - Permanent River
 - Railways
 - DM Boundaries
 - Dams
- Landscape Character Category**
- High Elevation Mountain Catchments
 - Central Plateau Low-Medium Rainfall Region
 - Medium Elevation Dry Hills Region
 - Medium Elevation Dry Hot Plains

Low Elevation Dry Hot Basins



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Western Cape Soil Characteristics	
Symbol	Description
AC	Red, massive or weak structure soils with high base status.
CA	Soils with a marked clay accumulation, strongly structured and a non-reddish colour, usually with silic, mottles, and pithic soils may be present.
CB	Soils with a marked clay accumulation, strongly structured and a reddish colour.
EB	Soils with minimal development, usually shallow on hard or weather rock, with or without intermixed weathered material generally present in part or most of the landscape.
EC	Red and yellow, sandy well drained soils with high base status.
EE	Soils with negligible to weak profile development, usually occurring on recent flood plains.
GA	Rocks with limited soils.
NIA	No information available.

Soil Characteristics Map: Central Karoo District Municipality

Legend Items	Soil Symbol	Soil Depth Description
DM Boundaries	AC	EC
National Road	CA	EE
Railways	CB	GA
Dams	EB	NIA
		< 450 mm
		≥ 450 mm and < 750 mm
		≥ 750 mm



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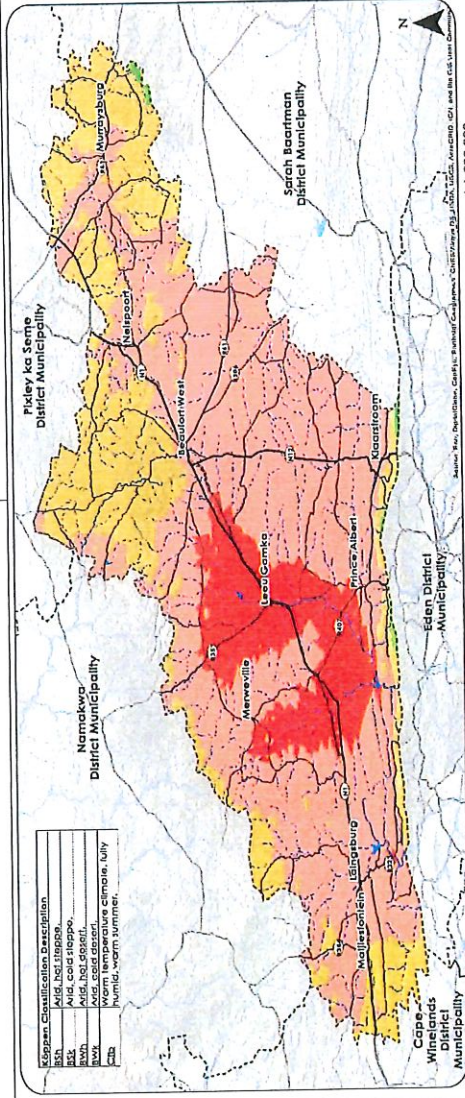
3.11.13 CLIMATE & CLIMATE CHANGE

The Central Karoo is a low rainfall desert region, located on South Africa's central high-plateau and in the rain shadow of the Cape Fold Mountains. It is classified as a cold desert climate (BWk) in terms of the Koppen climate classification, which is the most widely used climate classification systems in the world. This means that a dryclimate prevails, with generally low relative humidity.

Rainfall generally falls predominantly from thunderstorms that occur in late summer (peaking in March), with the mountainous areas in the far north east receiving the most rains. Summer days can be brutally hot, with day-time peaks occasionally reaching 40 degrees Celsius, although early summer mornings are often cool and pleasant. Winter days are mild and warm, with the nights and mornings being cold – often experiencing frost.

The semi desert conditions which prevail within the Central Karoo are a result of the harsh arid

climate. The average annual rainfall for the District is 260 mm per annum. The highest rainfall occurs to the south with the Groot Swartberg mountain range, on the north-eastern side of the municipality, which receives between 500 to 700 mm per annum. Despite this, approximately 75% of the remaining region receives less than 200 mm per annum. The majority of the rain falls during between November (late spring) and April (early autumn), peaking in the late summer months of February and March. Climate change is expected to produce higher temperatures with possibly lower rainfall in the medium to long term, although there is a very low degree of certainty of the impacts of climate change on rainfall with some studies suggesting that parts of the Western Cape may receive greater rainfall (Western Cape Climate Change Response Framework, 2016), with concurrent higher levels of evapotranspiration. Wind velocities are also expected to increase. These conditions will result in a reduction in Karoo vegetation with a potential increase in fires. Additionally, agriculture is expected to be negatively impacted with a decline in productivity and yield, resulting in a potential economic downturn in the region or the need to adopt far more drought-tolerant farming practices, plants species and approaches as a result of the area being pruned to climate change. Department of Forestry, Fisheries and the Environment developed climate change response plan for the municipalities in 2016, which is due for review. Disaster management plan is being amended to incorporate climate change. The municipality is experience financial difficult in funding some climate change response projects.



Köppen-Geiger Climate Classification Map: Central Karoo District Municipality
 Köppen-Geiger Type
 BSh
 BSk
 BWk
 Cfb
 DM Boundaries
 Dams
 Permanent River
 Ephemeral River
 National Road
 Arterial Road
 Secondary Road
 Railways



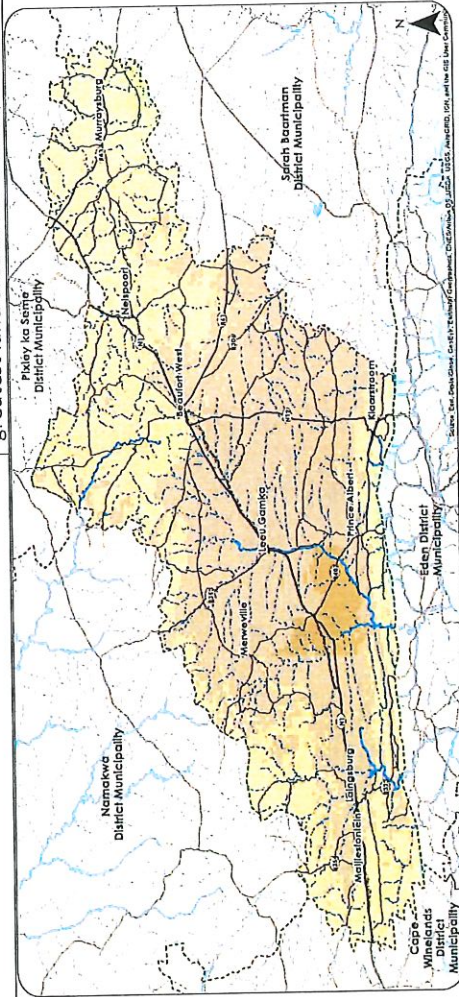
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3.11.4 WATER RESOURCES & HYDROLOGY

Most of its rainfall occurs in the summer during the months of February to April. The dry climate and erratic rainfall leads to surface run-off in the form of flash floods which fill up the usually empty dams. Due to the scarce precipitation and subsequent surface run-off, ground water sources are the primary source for the supply of potable water. The region is currently (2017/18) experiencing a deep and prolonged drought of significantly below

average rainfall and very low to empty dams, making ground water even more important in the region. The importance of episodic drainage lines and non-perennial streams as ecological infrastructure should not be underestimated in this regard. This ecological infrastructure provides significant ecosystem services by assisting in the conveyance of good quality water to various dams.

The Central Karoo District falls into 3 Water Management Areas – the Gouritz Water Management Area (WMA), which constitutes the greatest land area of the District;



the Fish to Tsitsikamma WMA in the north-eastern portion of the district and extending to the Eastern Cape and the Lower Orange WMA, in a small northern portion of the District, extending into the expanse of the Northern Cape. The main rivers of the region, although mostly non-perennial in nature, are the Buffels and Geelbek Rivers, passing through Laingsburg, the Dwyka and Gamka River and the Sout River. Despite its arid conditions, there are many non-perennial rivers and tributaries that exist in the Central Karoo. Despite this, all aquatic habitats in the Central Karoo requires protection and suitable buffers to ensure their continued provision of ecosystem services.

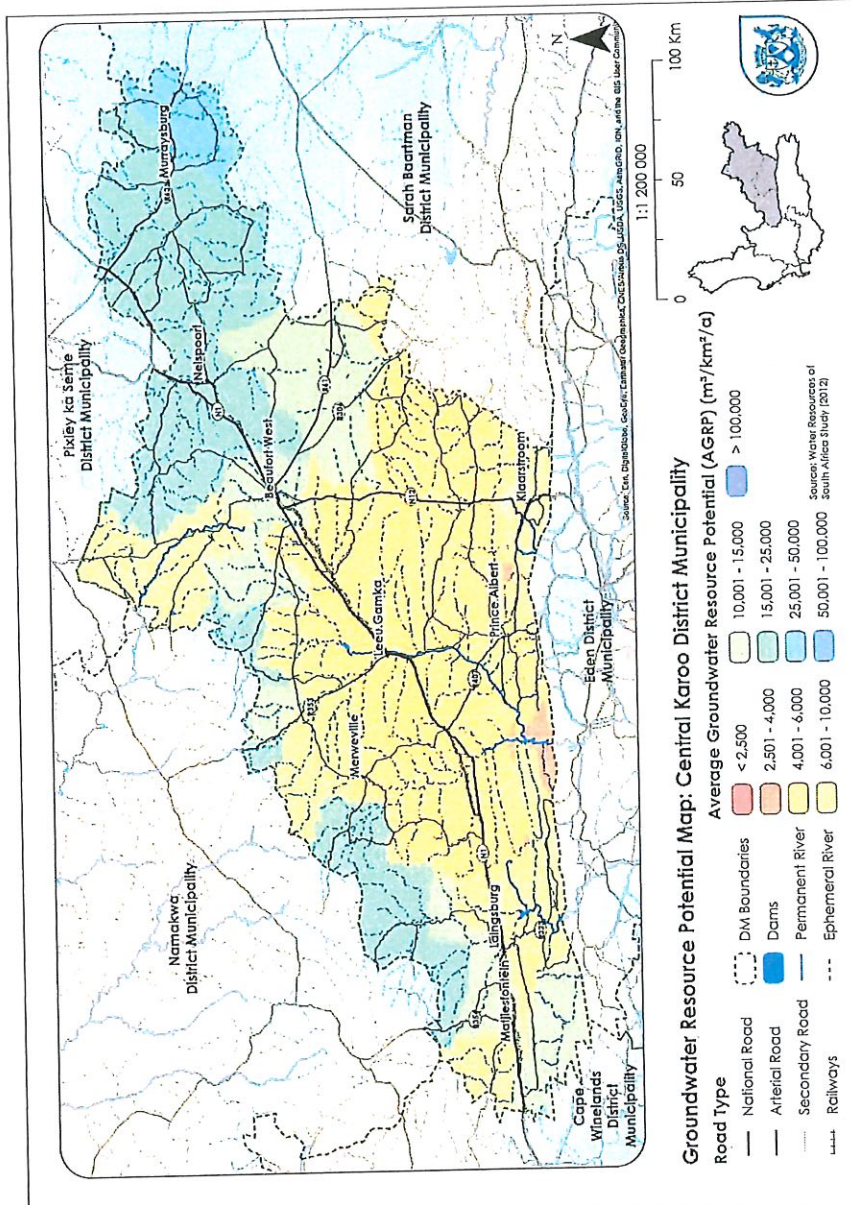
Main dams in the Central Karoo are the Beaufort West Dam situated along the Kuils River and near to the Gamka River; the Floriskraal Dam, situated along the Buffels River near Laingsburg and serving the needs of the Little Karoo; the Gamkapoort Dam situated at the confluence of the Gamka and Dwyka Rivers west of Prince Albert and serving local agricultural needs; the Leeu-Gamka Dam situated along the Leeu River between Beaufort West and Laingsburg and serving local agricultural needs; and the Oukloof Dam situated along the Cordiers River near Prince Albert and serving local agricultural needs. It should be noted, however, that these dams are becoming less reliable as secure water sources, and ground water and key aquifers are playing a greater role in the water security of the region. See Figure 3.3a to understand the spatial distribution of rainfall and Figure 3.3b for a broad indication of ground water resource potential. What can be observed is that the southern mountain areas and north-eastern mountain areas receive the most rainfall, whilst the north-eastern mountain areas around Murraysburg, Neispoort and

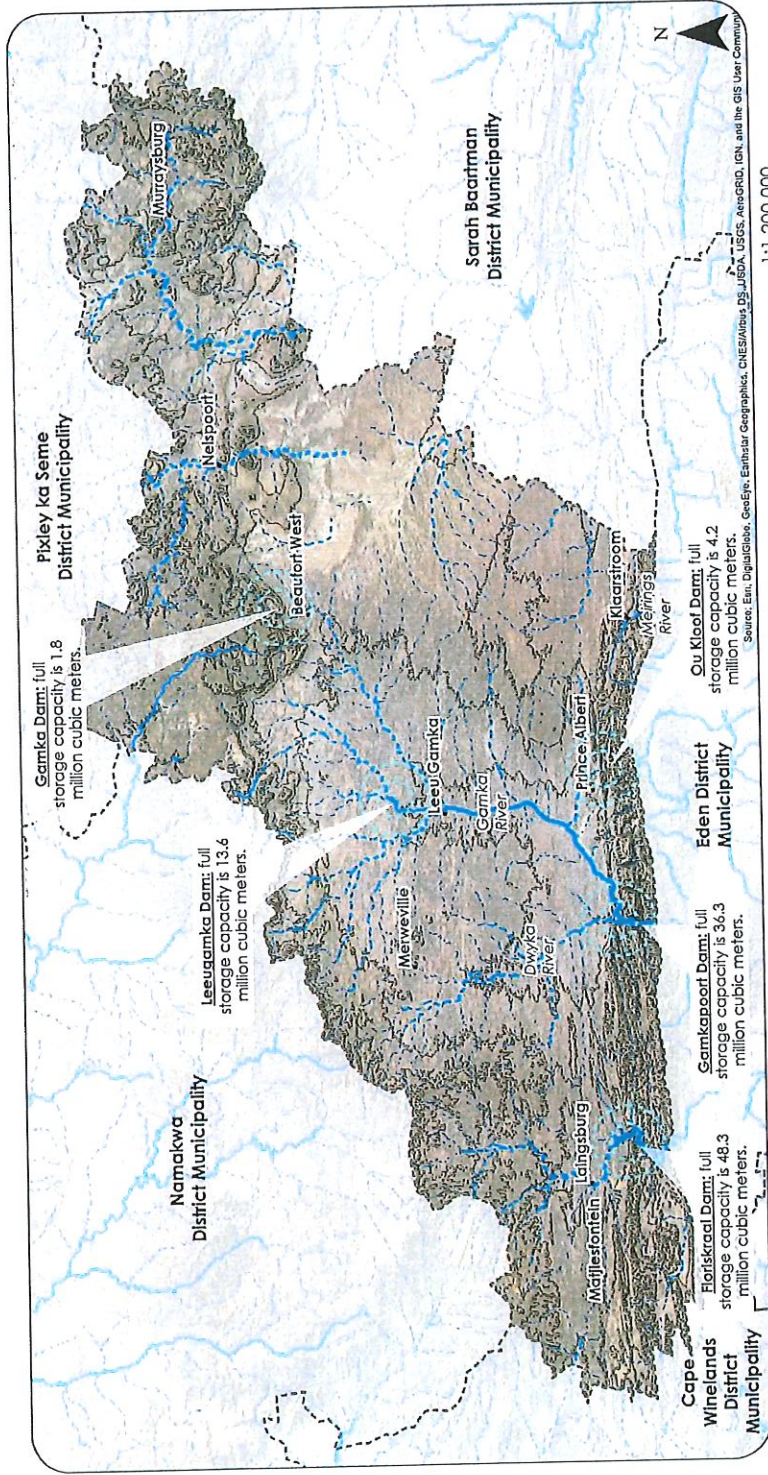


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northern Laingsburg have the highest ground water resource potential. the primary surface water resources in the region – illustrating the primacy of the Gamka River, as well as the 5 major dams for the region, 3 of which sit at the foot of the Swartburg Mountain area, and the remaining 2 in the town of Beaufort West and Leeu Gamka respectively. Of interest is that although Beaufort West is by far the largest municipality in terms of population it has one dam and it is the smallest of the 5. This illustrates the critical importance of ground water in this municipality.

Riparian ecosystems within the district, due to their proximity to water, have largely been transformed for agricultural related activities. Based on the National Protected Areas Expansion Strategy (NPAES) freshwater priorities, the district has 6399 km of major river reach, of which 1748 km can be considered critically endangered (27%) and 201 km (3%) endangered. Of the 249 sensitive wetlands identified, 107 comprise vle type wetlands, 85 pans and 55 dam wetlands





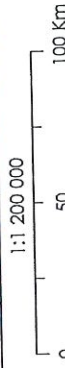
Area Surface Water Map: Central Karoo District Municipality

Road Type

- National Road
- Arterial Road
- Secondary Road
- Railways

River Order and Flow

- Order: 4 (Permanent)
- Order: 4 (Ephemeral)
- Order: 3 (Permanent)
- Order: 3 (Ephemeral)
- Order: 2 (Permanent)
- Order: 2 (Ephemeral)
- Order: 1 (Permanent)
- Order: 1 (Ephemeral)



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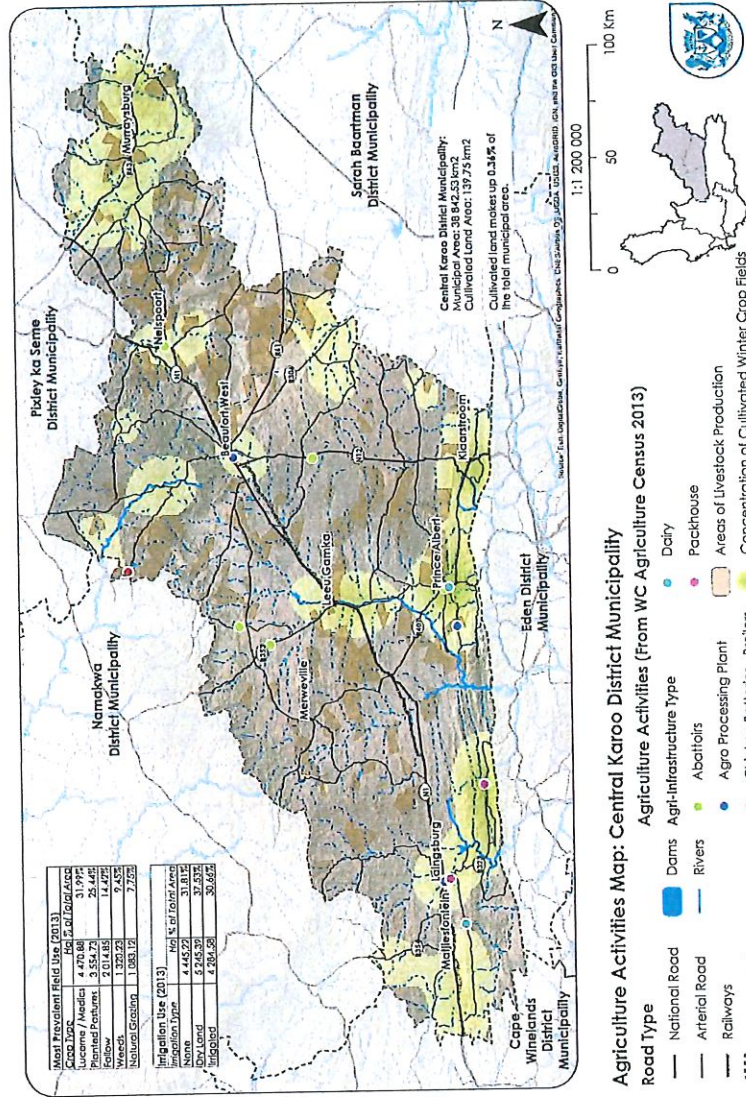
3.11.5 AGRICULTURE

Broadly, there are three different agricultural practices occurring in the Central Karoo. The most widespread is livestock farming which is dominated by the sheep farmers (cattle and ostrich farming also occur in the district, but on a much smaller scale). The district has good grazing and adequate access to groundwater through the use of wind pumps. However, in order for these livestock farms to remain viable, they need to remain large enough to allow for a sustainable carrying capacity. Laingsburg and Price Albert have the highest grazing capacity.

The second agricultural practice is based on the rain-fed cultivation of wheat which has a very limited occurrence in the southwest of the district. The final agricultural practice is that of irrigated crops which are prominent in the southern regions of the district. Irrigated crops include apricot, olive, wine grapes, peach, pear, prune, quince, and table grapes. The main constraints to irrigated crop production in this region are attributable to poor road infrastructure for the transport of delicate and fresh produce, distance to the market, availability and quality of water supplies, and the reliability of labour.

Agriculture's share of the District's economy fell from 15.4% to 9% between 1999 and 2009. This may be as a result of both diversifications in the District's economic activities, as well as deteriorating market conditions for agricultural products.

Strengthening the District's agricultural production, agri-processing, and agri-business opportunities remain a key focus for the region



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3.11.6 BIODIVERSITY AND BIODIVERSITY CONSERVATION

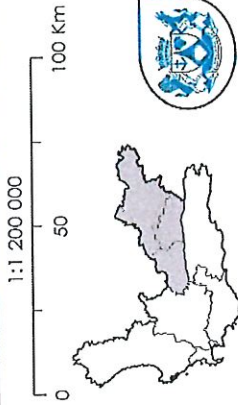
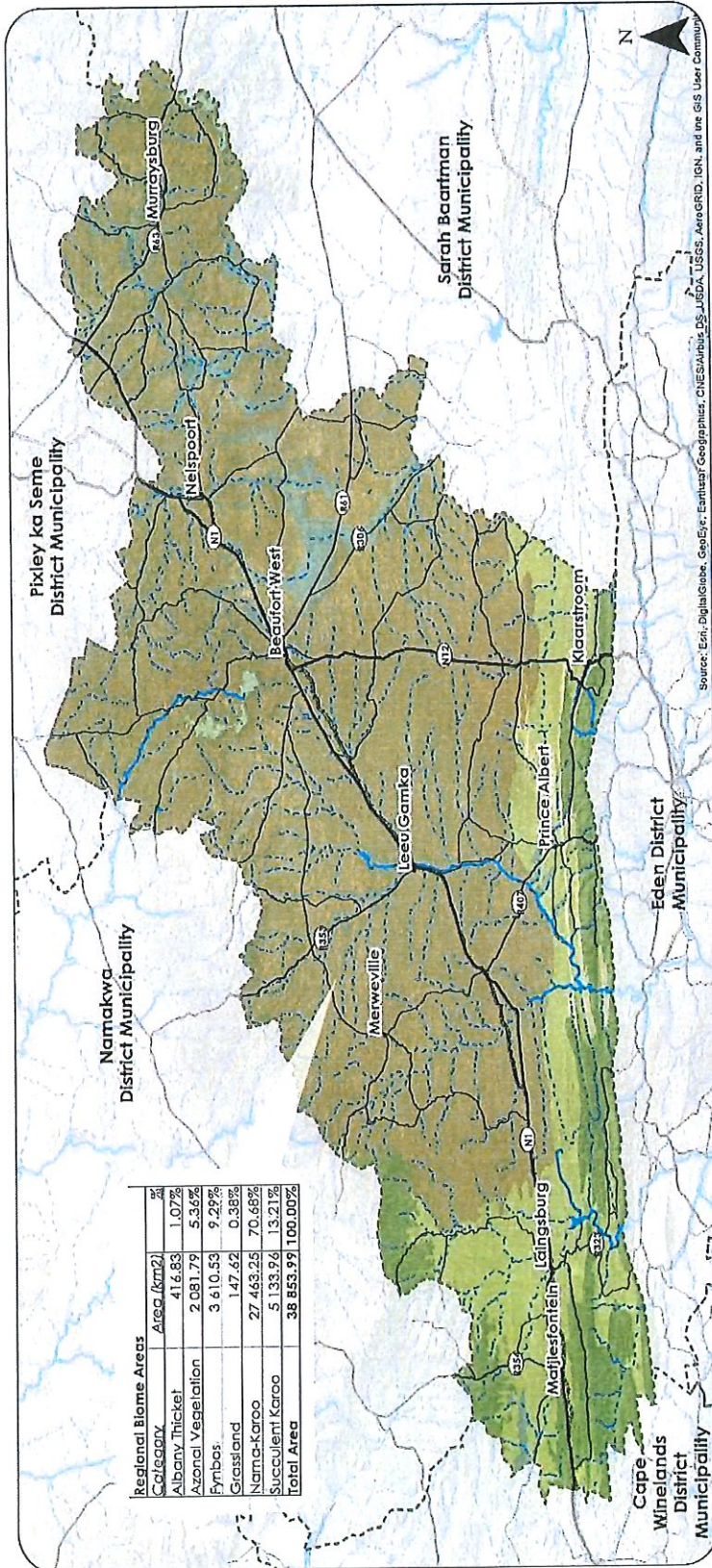
The Western Cape Biodiversity Spatial Plan (WCBSP) was released in 2017 and provides updates spatial data for the Central Karoo, as the municipality has not developed its Bioregional plan. This is a critical informant for the future development of the region, as it illustrates Critical Biodiversity Areas (CBA) which are terrestrial features (e.g. threatened vegetation types/remnants) and aquatic features (e.g. vleis, rivers and estuaries), and the buffer areas along aquatic CBA features, whose safeguarding is critically required in order to meet biodiversity pattern and process thresholds. They are identified through a systematic biodiversity planning approach and represent the most land-efficient option to meeting all thresholds. The spatial tool is comprised of the Biodiversity Spatial Plan Map and contextual information and land use guidelines. The WCBSP recognises that the Central Karoo region could potentially contain important minerals (e.g. uranium) and fossil fuel (e.g. shale gas) resources which are currently under investigation and could result in high levels of transformation in an area that has to date had relatively low levels of transformation.

The Nama-Karoo Biome is the dominant biome of the region, making up roughly 70% of the landscape, the Succulent Karoo making up 13% in the Southern yet north-facing stretches of the region at the foot of the Swartberg Mountains and Fynbos making up 9% in the mountain regions of the district.

As stated in the Western Cape Biodiversity Spatial Planning handbook, the Nama Karoo is important for several threatened fauna species, such as the riverine rabbit (*Bunolagus monticularis*) which is restricted to riparian habitats in the Karoo. As with the Succulent Karoo, the Nama Karoo is too arid for cultivation but has been impacted through overgrazing practices (Quoted from WCBSP, 2018).

As recognised in the 2014 SDF, approximately 88% of the land area of the Central Karoo is natural vegetation, 10.4% is degraded and 1.5% is transformed completely by urbanisation, cultivation, mining and dams. Protected areas within the district comprise 207 917 ha (5.78% of the district), with an additional 9 077 ha (0.23% of the district) under conservation. The municipality do not have protected and conservation areas under its control. There is a growing threat of alien invasive species particularly in the area that has boreholes that are feed local municipalities. Due to budget constraints and lack of expertise in the municipality, no alien invasive species eradication program that has been developed and the municipality rely on donors to implement eradication of alien species projects. Biodiversity and conservation sector plan such as environmental management framework, strategic environmental assessment, environmental outlook, open space management plan and greening bylaw are not developed because of lack of funds.



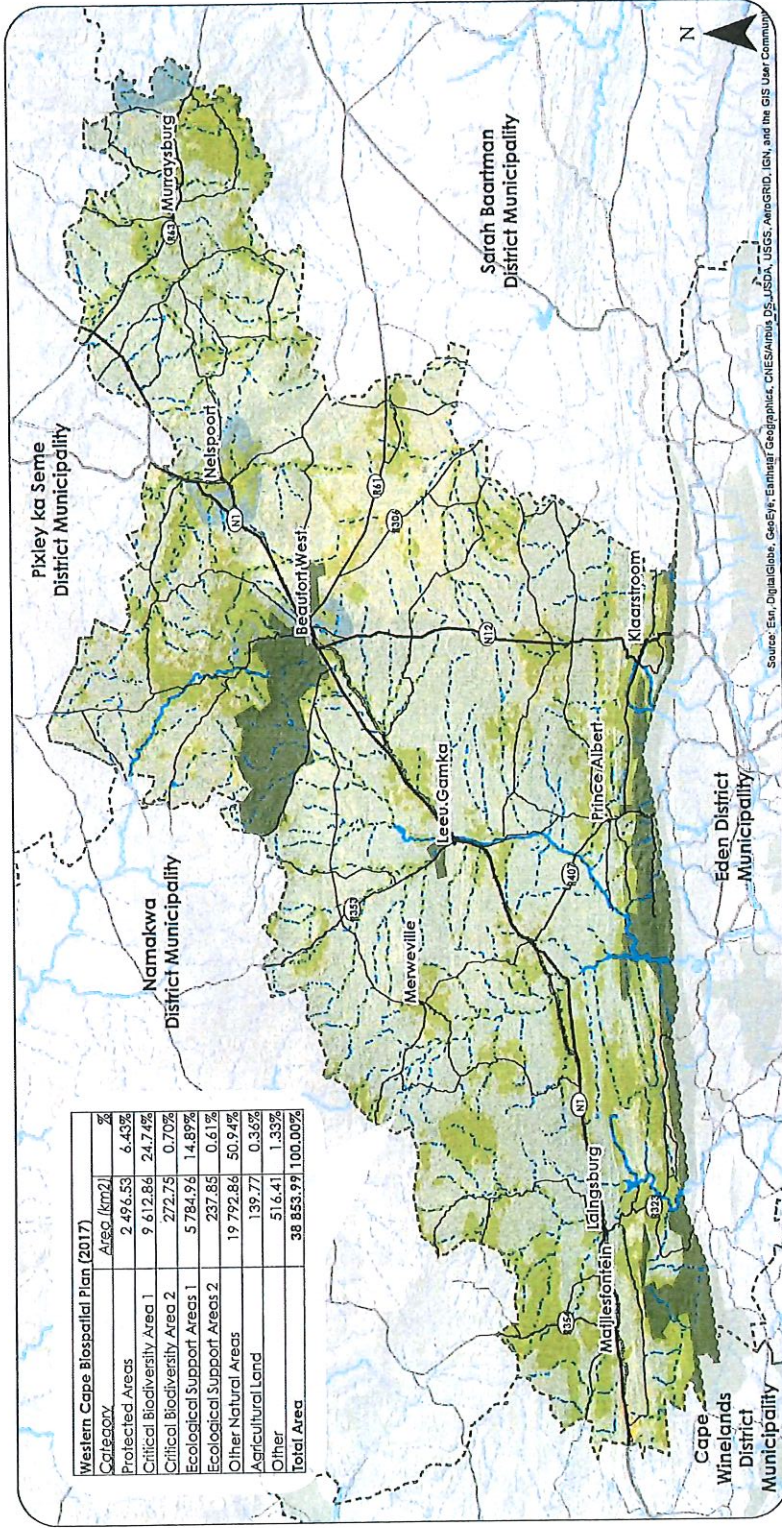


Regional Biomes Map: Central Karoo District Municipality

- Road Type**
- National Road
 - Arterial Road
 - Secondary Road
 - Railways
- DM Boundaries**
- - - DM Boundaries
- Dams**
- Dams
- Permanent River**
- Permanent River
- Ephemeral River**
- - - Ephemeral River
- Biome Areas**
- Albany Thicket
 - Azonal Vegetation
 - Fynbos
 - Grassland
 - Nama-Karoo
 - Succulent Karoo



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Western Cape Biospatial Plan (2017)			
Category	Area (km ²)		%
Protected Areas	2 496.53		6.43%
Critical Biodiversity Area 1	9 612.86		24.74%
Critical Biodiversity Area 2	272.75		0.70%
Ecological Support Areas 1	5 784.96		14.89%
Ecological Support Areas 2	237.85		0.61%
Other Natural Areas	19 792.86		50.94%
Agricultural Land	139.77		0.36%
Other	516.41		1.35%
Total Area	38 853.99		100.00%

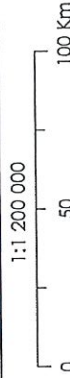
Western Cape Biospatial Plan (2017) Land Use Map: Central Karoo District Municipality

Road Type

- National Road
- Aarterial Road
- Secondary Road
- Railways

Biospatial Plan Categories

- Protected Areas
- Critical Biodiversity Areas 1
- Critical Biodiversity Areas 2
- Ecological Support Areas 1
- Ecological Support Areas 2
- Other Natural Areas
- Agricultural Land



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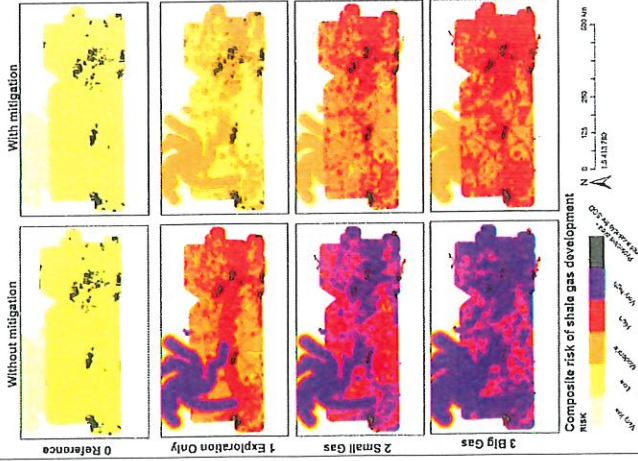
3.11.6 MINERAL RESOURCES

Central Karoo has mineral resources that have been underutilized, up until now. There are three mines currently located in the district which are predominantly quarries used for local building materials. One quarry is located on the R354 north of Matjiesfontein, one is adjacent to the R328 south of Prince Albert, and one is located in the vicinity of the intersection of the N1 and R6.

However, the District is on the cusp of major change in the mineral resources sector.

Firstly, the Central Karoo has extensive uranium deposits which begin north of Prince Albert and Laingsburg and reach their highest density north of the N1 in the vicinity of Merweville. These deposits have attracted the attention of energy and mining conglomerates, but remain untouched. Currently, the area south east of Beaufort West is undergoing a process for receiving prospecting rights.

Secondly, the region also contains expanses of gas-rich shale which are currently being explored by energy companies. Exploration permits may soon be granted for blocks which begin at latitude 33-degressouth and extend northward into the Northern Cape, and eastward into the Eastern Cape. This impacts Central Karoo in most areas north of



Prince Albert and Laingsburg and the entire municipality of Beaufort West. The exact location of the most economically recoverable shale gas fields remains an information gap, with a potential 'sweet spot' being identified eastwards of the town of Beaufort West and westwards of Murraysburg.

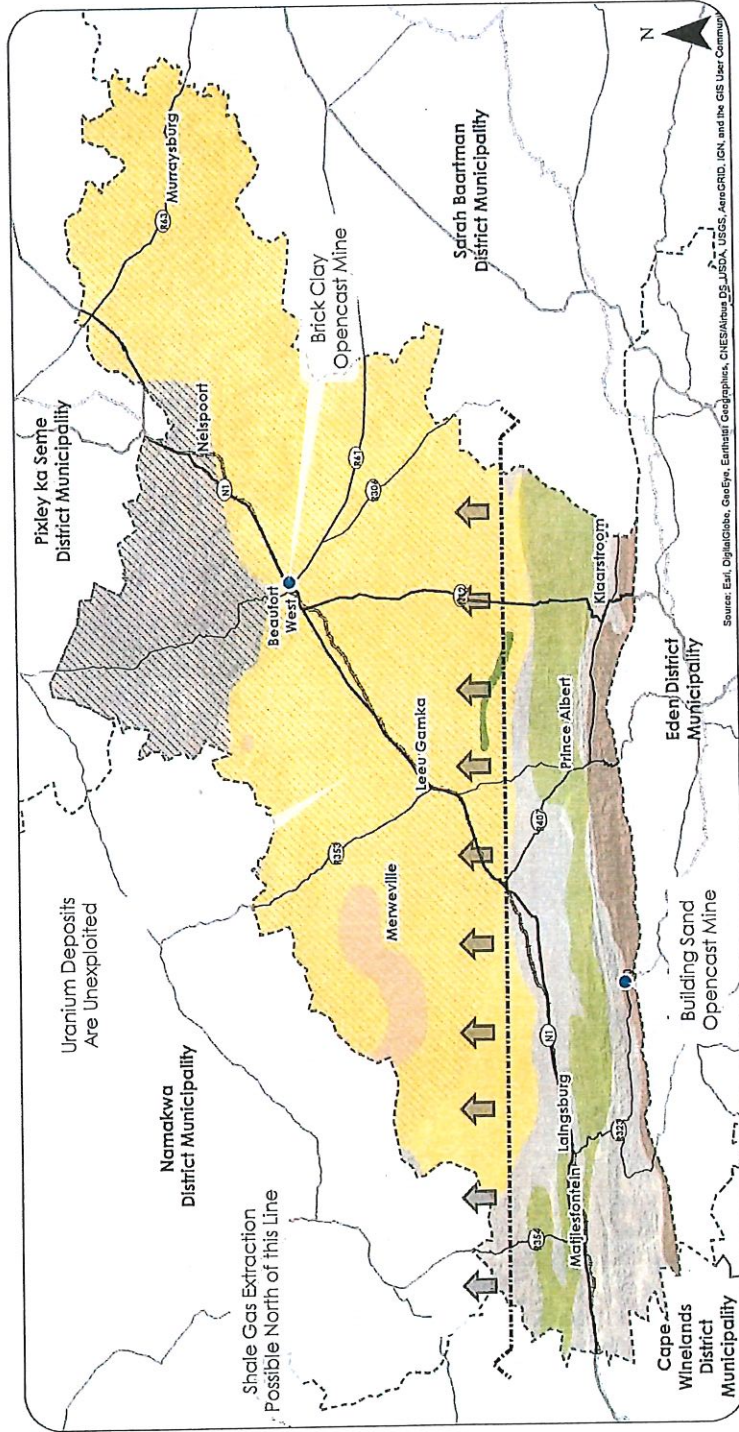
As recognised in the Strategic Environmental Assessment for Shale Gas in the Karoo (CSIR, 2016), whilst the potential economic and energy impact of medium to large scale shale gas extraction could be Mountains and Fynbos making up 9% in the mountain regions of the district substantial, there are also potential environmental trade-offs which must be fully understood in order to be prevented or mitigated. The SEA makes several recommendations in respect to air quality, earth quakes, water resources, waste planning, ecological impacts, agriculture, tourism, health, sense of place, noise, and spatial implications. It should be noted that the impact is dependent on the scale at which shale gas extraction takes place. Some of the key spatial impacts relate to:

- Towns experiencing higher than expected growth in population of persons seeking economic opportunities associated with shale gas. This places greater service delivery demands of housing, water provision, social services, electricity and roads;
- Increased traffic volumes and the corresponding maintenance and rehabilitation needs for roads;
- Potential rail re-establishment and laying new pipeline infrastructure for gas;
- Higher demands on municipal planning capacity to approve land use applications;
- Groundwater contamination; and
- Disturbing biodiversity, particularly CBA's.

It should be noted that a spatial representation of risk profiles has been undertaken for shale gas in the Karoo, we can be seen in Figure 3.8a. It should be noted that it is desirable, should shale gas extraction occur, that the areas where it should take place should ideally be areas of low to moderate risk rather than high risk.

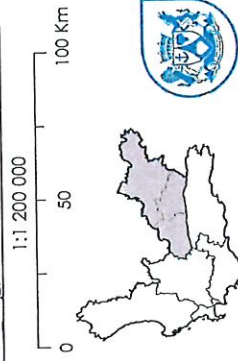


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Area Mineral Resources Map: Central Karoo District Municipality

- Road Type**
- National Road
 - Arterial Road
 - Railways
 - - - - - DM Boundaries
- Approximate Location of Mineral Deposits**
- Uranium
 - Gold
 - Pseudocool
 - Gypsum
 - Table Mountain Group Aggregate
 - Natural Gas
 - Working Mines
- Source: Economic Potential Mineral Resources of the Western Cape Study (2014) Council of Geosciences



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3.11.7 HERITAGE

Due to the Central Karoo District Municipality Municipality being underlain by the Beaufort Group of rocks consisting of shales, mudstone, sandstone and tillite, with the mountains to the south of the district extending onto these rocks, the district is rich in fossils and is thus of great paleontological importance.

Pre-colonial archaeology is evident across the entire district, with particularly San and Khoi artefacts being evident. The San artefacts include rock paintings (in rocky terrain), stone tools and middens containing inter alia bones and food items. The middens were generally found along water courses, pans and flood plains. Beaufort West has a rich collection of rock paintings and engravings, with the most notable being Nelspoort.

Khoekhoen pastoralists are known to have inhabited the district. Several stone kraal complexes have been identified. At about 1200-1400AD, a global climatic fluctuation appears to have caused an increase in rainfall. This may have increased grazing availability, resulting in the introduction of cattle into the district. The current climatic conditions however favour small stock, such as sheep and goats.

The colonial period provides greater recorded in-sight into the district's past. Early nomadic pastoralists (Trekboere) paved the way for increased expansion into the interior. This expansion not only resulted in frequent and violent clashes with the last of the stone-age peoples, but also in the indiscriminate hunting of large game, to near extinction. The establishment of early settlements took place from the late 1700's and early 1800's, generally in close proximity to water resources. This in turn resulted in many skirmishes over the scarce resource. Soon, these settlements developed into what are today the main towns within the District.

Evidence of the Anglo-Boer War in the early 1900s still remains in the form of grave sites and blockhouses along the railway line, and places such as Matjiesfontein and Prince Albert were used as garrisons by the British. There a number of provincial heritage sites across the District Municipality and they include the Swartberg Pass and Gamkaskloof Pass.

Provincial heritage sites are also found in the towns of Beaufort West and Prince Albert, a few farmsteads such as Baviaanskloof and Vrolikheid, churches in Merweville and Laingsburg, and a corbelled structure on the farm Vlieefontein near Beaufort West. There are many more individual sites that are worthy of formal protection.

Due to the Central Karoo District Municipality Municipality being underlain by the Beaufort Group of rocks consisting of shales, mudstone, sandstone and tillite, with the mountains to the south of the district extending onto these rocks, the district is rich in fossils and is thus of great paleontological importance.

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These include, fossil sites, archaeological sites, farmsteads, corbelled structures, dwellings, religious sites, graves and burial grounds, military fortifications, and scenic landscapes. Figure 3.30 below provides examples of some of the District's heritage assets. However, this report recommends that a more detailed investigation and assessment be conducted to identify and extend protection to other sites worthy of heritage conservation.



Heritage Element	Theme & Description
Witberge	Natural Landscapes - Comprises one of South Africa's most characteristic landscape – with vast plains or 'vlaktes', flat-topped koppies and rocky outcrops, and defined by great mountain ranges of the escarpment and Swartberg Mountains.
Suurberg/Waalhoeksberg	
Elandsberg	
Groef Swartberge	
Oukloofberge / Droekloofberge	
Klein Roggevelberg / Brandberg	
Komsberg	
Nuweveldberge / Die Rant	
Karoo Koppies	
Onder Sneeuberg / Toorberg	
Gamkaskloof Rural Settlement & Reserve	Cultural Landscapes: Archaeological remains, stone and fossil sites, San hunter-gatherers & Khoi pastoralists. Trekboer history (Social History) as well as Anglo Boer War remains and relics.
Neispoort Rock Engravings	
Mattiestfontein Valley	
Vleiland	
Scholzeloof	
Klaarsroom	
Seweweekspoort Pass	
Swartberg Pass	
Gamkaskloof Pass	
Meltingspoort	
Molena Pass & Roseberg Pass	Scenic Routes and Passes: Historic mountain passes constructed to provide access from the coast to the hinterland, railway history and important transportation linkages and elements.
R354 Route	
Rooinek Pass	
R353 Route and Teekloof Pass	
R407 Route	
Kareedouwberg Pass	
N12 Route & Droekloof	
R63 Route	
N1 Route	
Murraysburg Historic Town	
Beaufort West Historic Town	
Prince Albert Historic Town	
Mlenweville Historic Town	
Mattiestfontein Historic Village	
Klaarsroom Valley Historic Village	
Vleiland Valley Historic Valley	



Municipal Manager
Central Karoo District Municipality
24 MAY 2024
Private Bag X560, 63 Donkin Street
Beaufort West 6970