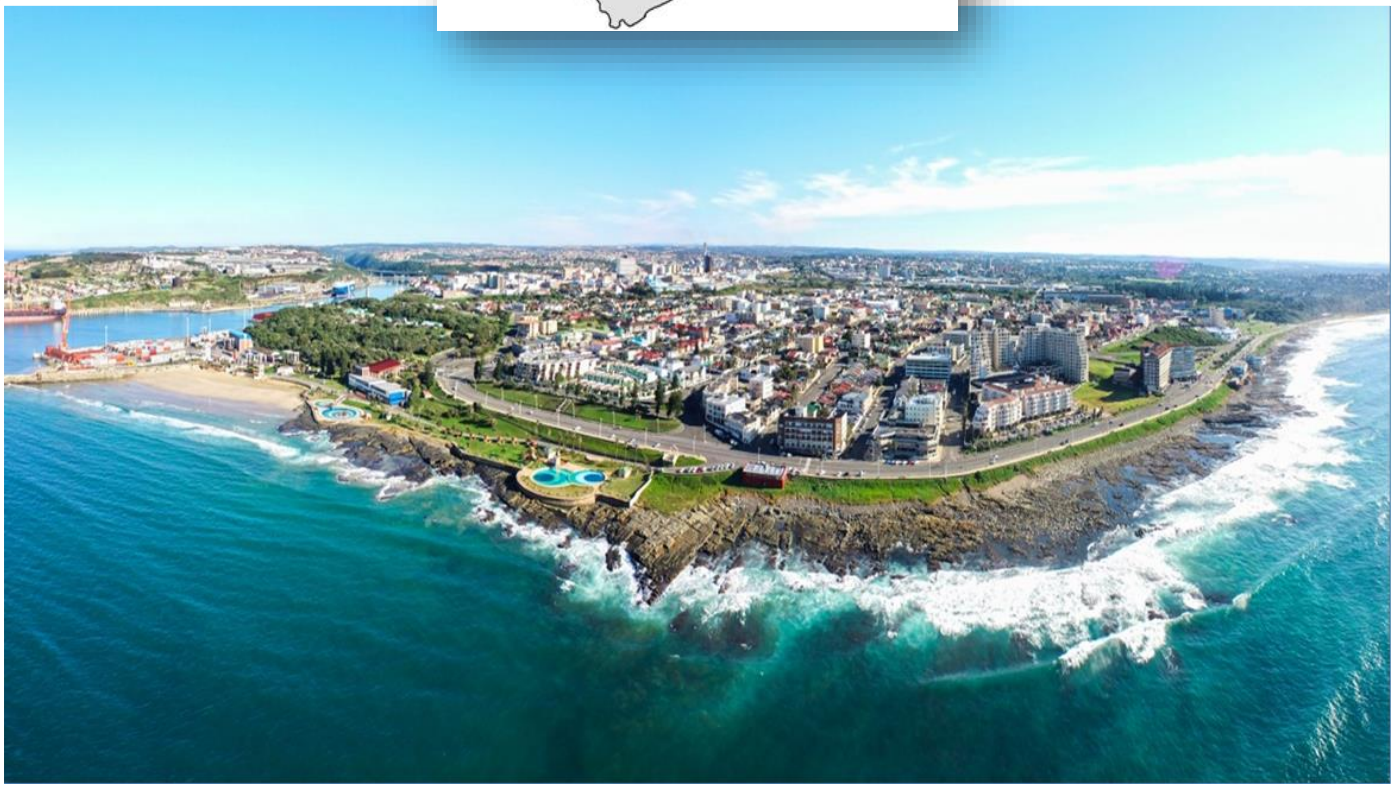
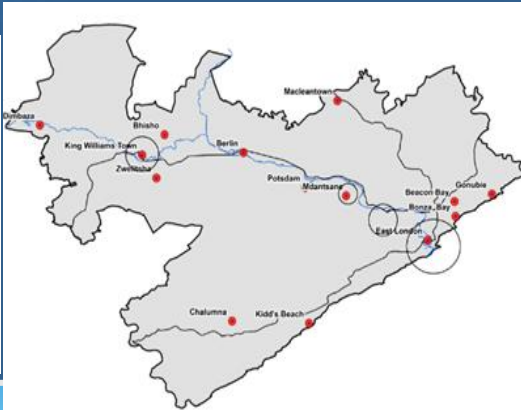
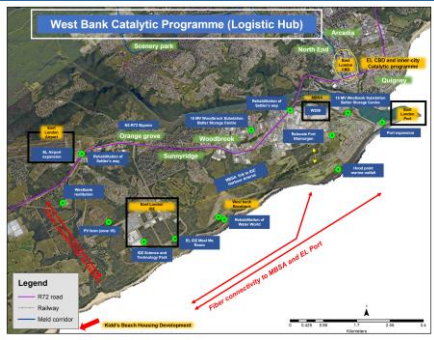




# DRAFT BUILT ENVIRONMENT PERFORMANCE PLAN 2022-23



18 MARCH 2022



## **ACRONYMS**

|                 |  |               |  |
|-----------------|--|---------------|--|
| <b>ACSA</b>     | Airport Company South Africa                                 | <b>IWMP</b>   | Integrated Waste Management Plan                     |
| <b>AFS</b>      | Annual Financial Statements                                  | <b>IPCC</b>   | Intergovernmental Panel on Climate Change            |
| <b>AG</b>       | Auditor General  | <b>IZ</b>     | Integration Zone                                     |
| <b>AMEU</b>     | Association of Municipal Electricity Utilities               | <b>KWT</b>    | King William's Town                                  |
| <b>BCMDA</b>    | Buffalo City Municipal Development Agency                    | <b>LED</b>    | Local Economic Development                           |
| <b>BCMM</b>     | Buffalo City Metropolitan Municipality                       | <b>LSDF</b>   | Local Spatial Development Framework                  |
| <b>BEPM</b>     | Built Environment Progression Model                          | <b>LVC</b>    | Land Value Capture                                   |
| <b>BEPP</b>     | Built Environment Performance Plan                           | <b>MDM</b>    | Metro Development Model                              |
| <b>BEVC</b>     | Built Environment Value Chain                                | <b>MELD</b>   | Mdantsane-East London Development                    |
| <b>BKCOB</b>    | Boarder Kei Chamber of Business                              | <b>MFMA</b>   | Municipal Financial Management Act                   |
| <b>CBD</b>      | Central Business District                                    | <b>MGDS</b>   | Metro Growth and Development Strategy                |
| <b>CBF</b>      | City Budget Forum  | <b>MRF</b>    | Material Recovery Facility                           |
| <b>CIDMS</b>    | City Infrastructure Delivery Management System               | <b>MSA</b>    | Municipal Systems Act                                |
| <b>COGTA</b>    | Department of Cooperative Governance and Traditional Affairs | <b>mSCOA</b>  | Municipal Standard Chart of Accounts                 |
| <b>COVID-19</b> | Corona Virus Disease 2019                                    | <b>MSDF</b>   | Metropolitan Spatial Development Framework           |
| <b>CID</b>      | City Improvement District                                    | <b>MTREF</b>  | Medium Term Revenue and Expenditure Framework        |
| <b>CIF</b>      | Capital Investment Framework                                 | <b>MTSF</b>   | Medium-Term Strategic Framework                      |
| <b>CS</b>       | Community Survey   | <b>MUH</b>    | Mdantsane Urban Hub                                  |
| <b>CSIP</b>     | Capacity Support Implementation Plan                         | <b>NDP</b>    | National Development Plan                            |
| <b>CSP</b>      | Cities Support Programme                                     | <b>NDPG</b>   | Neighbourhood Development Partnership Grant          |
| <b>DBSA</b>     | Development Bank of Southern Africa                          | <b>NDPW</b>   | National Department of Public Works                  |
| <b>DORA</b>     | Division of Revenue  | <b>NMT</b>    | Non-Motorised Transport                              |
| <b>DPME</b>     | National Department of Monitoring and Evaluation             | <b>NT</b>     | National Treasury                                    |
| <b>DVRI</b>     | Duncan Village Re-Development Initiative                     | <b>NTGN</b>   | National Treasury Guidance Note                      |
| <b>DWAF</b>     | Department of Water Affairs and Forestry                     | <b>NUSP</b>   | National Upgrade Support Programme                   |
| <b>EC</b>       | Eastern Cape   | <b>NWC</b>    | North West Corridor                                  |
| <b>ECSEC</b>    | Eastern Cape Socio-Economic Consultative Council             | <b>PATT</b>   | Planning and Alignment Task Team (NT)                |
| <b>EL</b>       | East London  | <b>PIU</b>    | Project Implementation Unit                          |
| <b>ELIDZ</b>    | East London Industrial Development Zone                      | <b>PMM</b>    | Precinct Management Model                            |
| <b>EPMO</b>     | Enterprise Project Management Office, BCMM                   | <b>PPF</b>    | Project Preparation Facility                         |
| <b>ERP</b>      | Enterprise Resource Planning                                 | <b>PRASA</b>  | Passenger Rail Agency of South Africa                |
| <b>FMG</b>      | Financial Management Grant                                   | <b>PTIG</b>   | Public Transport Infrastructure Grant                |
| <b>GDP</b>      | Gross Domestic Product                                       | <b>PTISG</b>  | Public Transport Infrastructure and System Grant     |
| <b>GRAP</b>     | Generally Recognised Accounting Practice                     | <b>SANS</b>   | South African National Standard                      |
| <b>HDA</b>      | Housing Development Agency                                   | <b>SANRAL</b> | South African National Roads Agency                  |
| <b>HDI</b>      | Human Development Index                                      | <b>SDBIP</b>  | Service Delivery and Budget Implementation Plans     |
| <b>HIV/AIDS</b> | Human Immune Virus/Acquired Immune Deficiency Syndrome       | <b>SDF</b>    | Spatial Development Framework                        |
| <b>HSDG</b>     | Human Settlements Development Grant                          | <b>SIPDM</b>  | Standard for Infrastructure Procurement and Delivery |
| <b>IBC</b>      | Invest Buffalo City  | <b>SOC</b>    | State Owned Company                                  |
| <b>ICDG</b>     | Integrated City Development Grant                            | <b>SPLUMA</b> | Spatial Planning and Land Use Management Act 2013    |
| <b>ICR</b>      | Inner-City Regeneration                                      | <b>SPV</b>    | Special Purpose Vehicle                              |
| <b>ICT</b>      | Information and Communications Technology                    | <b>SRA</b>    | Special Rating Area                                  |
| <b>IDP</b>      | Integrated Development Plan                                  | <b>TOD</b>    | Transit-Oriented Development                         |
| <b>IDZ</b>      | Industrial Development Zone                                  | <b>UDZ</b>    | Urban Development Zone                               |
| <b>IGR</b>      | Inter-Governmental Relations                                 | <b>UID</b>    | Urban Improvement District                           |
| <b>INEP</b>     | Integrated National Electrification Grant                    | <b>UNS</b>    | Urban Network Strategy                               |
| <b>IPTN</b>     | Integrated Public Transport Network                          | <b>USDG</b>   | Urban Settlements Development Grant                  |
| <b>ISDG</b>     | Infrastructure Skills Development Grant                      | <b>WTP</b>    | Water Treatment Plan                                 |
| <b>IUDF</b>     | Integrated Urban Development Framework                       | <b>WWTW</b>   | Waste Water Treatment Works                          |

## **TERMINOLOGY**

The following terminology is taken from the National Treasury Guidance Note: BEPP Framework v.5.5 08/2017.

### **Catalytic Urban Development Programmes**

Catalytic urban development programmes and associated projects are programmes that:

- a) Enable integration, that is mixed and intensified land uses where the residential land use caters for people across various income bands and at increased densities that better support the viability of public transport systems;
- b) Are strategically located within integration zones in metropolitan municipalities; and are game changers in that the nature and scope of the projects are likely to have significant impact on spatial form and unlock economic activity;
- c) Involve major infrastructure investment;
- d) Require a blend of finance where a mix of public funds is able to leverage private sector investment as well as unlock household investment;
- e) Require specific skills across a number of professions and have multiple stakeholders.

Catalytic development programmes are an ensemble of related projects (public: municipal, public: non-municipal and private (Public Private Partnerships, Special Purpose Vehicles, and pure private development projects) needed to be implemented within a specific spatial targeted area and from which the total intergovernmental project pipeline is updated for all public-sector projects in the programme.

The catalytic programme development process delivers a series of built environment projects to be implemented by either national, provincial, municipal or private sector which will progressively put cities on the path to achieving compact cities and transformed urban spaces and are therefore outcomes led.

### **Densification**

Increased use of space, both horizontally and vertically, within existing areas/properties and new developments, accompanied by an increased number of units and/or population threshold.

### **Economic/Employment Node**

Employment or economic nodes are localised urban agglomeration economies with the highest number of jobs per unit of area (job densities). They are the primary urban destinations and therefore are mostly located on major transit routes and accessible via a variety of transport modes. In terms of land use, employment nodes can either be mixed – a cluster of office, retail, industrial, community and residential land uses; or uniform - homogenous land uses such as industrial or office complexes. Building heights and land coverage in economic nodes are much higher compared to average urban places. In terms of life cycle stage, they can be segmented into emerging (township nodes or urban hubs), established (decentralised commercial nodes) and declining nodes (CBDs). Size and catchment area of economic nodes are characterised into a descending hierarchy, e.g. Regional, CBD, Metropolitan, Suburban and Neighbourhood.

### **Human Settlements Development**

The Department of Human Settlements defines a human settlement as a developed and/or developing human community in a city, town or village – with all the social, material, economic, organisational, spiritual and cultural elements that sustains human life. Human settlement development refers to the establishment and maintenance of habitable, stable and sustainable public and private residential environments to ensure viable households and communities within a space and/or areas providing for economic opportunities, health, educational and social amenities in which all citizens and permanent residents of the Republic, within a municipal space will, on a progressive basis, have access to permanent residential structures with secure tenure, internal and external privacy and providing adequate protection against the elements; and potable water, adequate sanitation facilities and domestic energy supply.

### **Informal Settlement**

The National Upgrading of Informal Settlements Programme refers to two UN Habitat definitions of Informal Settlements. An 'Informal Settlement' exists where housing has been created in an urban or peri-urban location without official approval. Informal settlements may contain a few dwellings or thousands of them, and are generally characterised by inadequate infrastructure, poor access to basic services, unsuitable environments, uncontrolled and unhealthy population densities, inadequate dwellings, poor access to health and education facilities and lack of effective administration by the municipality. (NUSP 2013, taken from UISP Consolidation Document-2014).

Another definition in use which is similar to the above is: "Residential areas where 1) inhabitants have no security of tenure vis-à-vis the land or dwellings they inhabit, with modalities ranging from squatting to informal rental housing, 2) the neighbourhoods usually lack, or are cut off from, basic services and city infrastructure and 3) the housing may not comply with current planning and building regulations and is often situated in geographically and environmentally hazardous areas". The UN-Habitat (2015).



## **Integrated Planning**

Integrated planning refers to the co-operation of different sector department, different spheres of government, parastatals and the private sector in order to achieve publicly participated and accepted development outcomes.

## **Intensification / Mixed Land Use**

Achieving a greater spectrum of land uses (commercial, industrial, residential or social) through the increased use of space, both horizontally and vertically, within existing areas or properties and new developments, within a TOD precinct, resulting in increased population thresholds that support public transport ridership, walkability, economic development and inclusivity.

## **Integration Zone (IZ)**

The Urban Network consists of a number of Integration Zones. Each zone is a part of a city or city region-wide TOD network. An integration zone is a spatial planning element facilitating spatial targeting of investment aimed at spatial transformation. Each zone consists of a transit spine connecting two anchors via mass public transport (rail/bus) e.g. the CBD and an 'urban hub' (township node with the best investment potential). It can also comprise of the CBD and another primary metropolitan business node. Between the two Integration Zone anchors area limited number of Integration Zone intermediate nodes that are strategically located at key intersections connecting to marginalised residential areas (townships and informal settlements) and economic nodes (commercial and industrial nodes) via feeder routes. The Urban Hub connects to secondary township nodes within the marginalised peripheral township. The Integration Zone includes a hierarchy of TOD precincts located and prioritised within the structure of the nodes described above.

## **Intergovernmental Project Pipeline**

The intergovernmental project pipeline consists of both catalytic and standard projects (not all projects, only that of a strategic/priority nature) within the metropolitan space whether it is a project of the national, provincial or metropolitan government, or that of a public entity. The main purpose of the pipeline is for it to incorporate projects from all spheres and entities to prioritise collective public investment in particular spaces.

## **Land Value Capture (LVC) / Land Based Financing**

A policy and regulatory mechanism that allows a public entity to "capture" a portion of the increased value (direct or indirect) of land resulting from either investment in infrastructure or the allocation of use rights by the public sector.

## **Marginalised Areas**

Marginalised areas are areas, primarily residential in function with related land uses, which are in decline and/or where people are deprived. These are areas that are typically informal settlements and dormitory residential townships in need of redress. These are areas that do not tend to be the focus of the private sector developers and will thus require some kind of intervention from government to start with if they are to flourish as liveable neighbourhoods with high accessibility to the broader urban network.

## **Mixed Land Use**

A mix of land uses or achieving greater spectrum of land uses. More specifically it relates to an area of existing or proposed horizontal and/or vertical integration of suitable and compatible residential and non-residential land uses within the same area or on the same parcel of land; implies contextually appropriate intensity of land uses that should facilitate efficient public transport and a vibrant local urban environment.

## **Spatial Planning and Land Use Management**

The following definitions are the same definitions used in SPLUMA Act 16 of 2013.

"Land" means any erf, agricultural holding or farm portion, and includes any improvement or building on the land and any real right in land;

"Land development" means the erection of buildings or structures on land, or the change of use of land, including township establishment, the subdivision or consolidation of land or any deviation from the land use or uses permitted in terms of an applicable land use scheme.

"Land use" means the purpose for which land is or may be used lawfully in terms of a land use scheme, existing scheme or in terms of any other authorisation, permit or consent issued by a competent authority, and includes any conditions related to such land use purposes.

"Land use management system" means the system of regulating and managing land use and conferring land use rights through the use of schemes and land development procedures;

“Spatial development framework” means a spatial development framework referred to in Chapter 4 of SPLUMA;

“Zone” means a defined category of land use which is shown on the zoning map of a land use scheme. (Not the same as Integration Zone as in UNS)

The spatial planning system consists of the following components:

- a) Spatial development frameworks to be prepared and adopted by national, provincial and municipal spheres of government;
- b) Development principles, norms and standards that must guide spatial planning, land use management and land development;
- c) The management and facilitation of land use contemplated in Chapter 5 of SPLUMA through the mechanism of land use schemes; and
- d) Procedures and processes for the preparation, submission and consideration of land development applications and related processes as provided for in Chapter 6 of SPLUMA and provincial legislation.

A municipal spatial development framework must assist in integrating, coordinating, aligning and expressing development policies and plans emanating from the various sectors of the spheres of government as they apply within the municipal area. Spatial development frameworks must outline specific arrangements for prioritising, mobilising, sequencing and implementing public and private infrastructural and land development investment in the priority spatial structuring areas identified in spatial development frameworks.

### **Spatial Targeting**

A built environment investment prioritisation approach where specific areas are prioritised for investment at a range of geographic scales, within an urban system, to achieve particular development outcomes. Spatial Targeting is an approach recommended by the National Development Plan.

### **Spatial Transformation**

The legacy of apartheid – communities segregated from one another based on race (and class)- as well as the impacts of the legacy of the modernist trend of city building based on the automobile and functional separation of land uses have left South Africa with cities that are inefficient, inequitably developed, and expensive – environmentally, socially and fiscally – to live in and to manage. The NDP states that a national focus on the spatial transformation of our cities should, by 2030 ensure that a larger proportion of the population should live close to places of work and travel distances and costs should be reduced, especially for poor households. Urban systems – hard (physical structures and networks) and soft (governance systems including urban management and land use management) that facilitate and enable compact cities and transformed urban spaces of social and economic inclusion on an equitable basis are key levers to overcome the debilitating impact of distance and separation on the fortunes of the individual, household, business and the state, as well as the environment and the resilience of the system as a whole. The equitable redistribution of resources within cities, as well as building systems that facilitate affordable and safe access to the full ambit of resources that makes urban living productive are critical to spatial transformation.

### **Transit-Oriented Development (TOD)**

TOD directs public and private investment to areas of maximum public access in a city, doing it in a way that creates liveable environments. In the context of the BEPP, included in TOD would be spatially targeted areas. TOD is designed to maximize access to rapid/frequent public transport and encourage ridership.

The symbiotic relationship between land use, built form and public transport lies at its core. From a transport perspective TOD is focussed on promoting sustainable public transport while minimising the travel mode share of private motor vehicles and the negative externalities of this mode including reduced rates of private car parking. From a spatial development perspective, the focus is on mixed land use and increased residential densities in an improved public environment (high quality public spaces and streets, which are pedestrian and cyclist friendly) with high pedestrian accessibility within 500 metres to transit stations/TOD precinct.

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# SECTION A: INTRODUCTION

## PROFILE OF THE BUFFALO CITY METROPOLITAN MUNICIPALITY

Buffalo City Metropolitan Municipality (BCMM) presents, since 2011, as a Category A Metropolitan Municipality along the eastern seaboard of the Eastern Cape Province, with a population of 884 000 (IHS Markit Regional eXplorer, 2018), residents across the urban, rural and peri-urban settlements that constitute the municipal jurisdiction. In this respect BCMM comprises the urban coastal area of East London, the Midland region of Mdantsane, and the Inland urban region of Qonce (previously King William’s Town) and Dimbaza as well as the numerous rural areas surrounding the urban areas. BCMM also houses the Eastern Cape’s provincial capital in Bhisho.

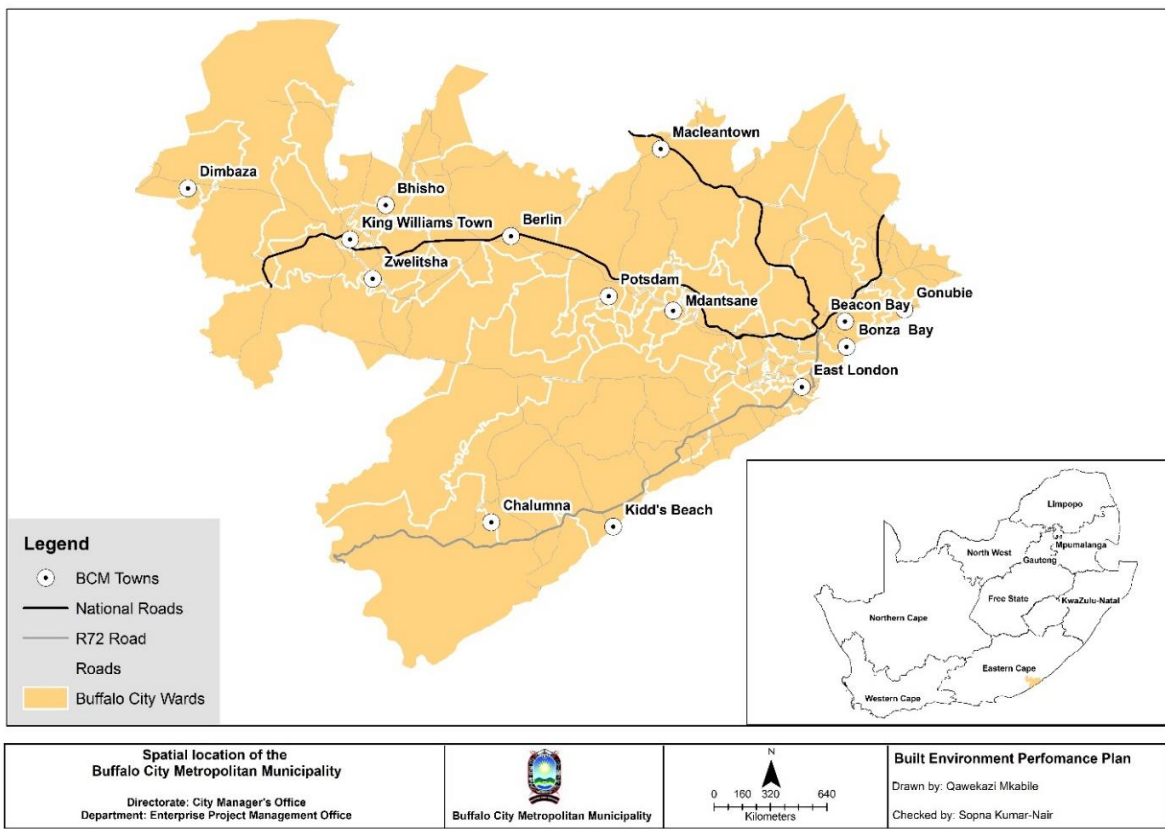


Figure A.1: Spatial location of BCMM (Source: BEPP 2019-2020)

### Demographic and Service Delivery Profile

In terms of population, the Buffalo City Metro accounts for 12.2% of the 7.22 million population of the Eastern Cape. As the major urban centre of the eastern part of the Eastern Cape, the BCMM has over the time reduced the levels of service provision backlogs in terms of electricity connection, sanitation and water service backlogs, despite facing a growing challenge with respect to the growth of informal dwellings and settlements in the municipal area.



In this respect, the latest statistics from the IHS Markit statistical survey for BCMM it is seen that in 2008 the number of households without electrical connection in the BCMM was 71 300, which has decreased annually at -8.16% per annum to 30 400 in 2018. In terms of access to piped water inside the yard, 96,29 % of households had access to piped water in 2018. Similarly, when looking at the sanitation backlog over time, it can be seen that in 2008 the number of households without hygienic toilets in BCMM was 73 700. This has decreased annually at a rate of -7.5% to 33 800 in 2018. Overall refuse removal however has seen a decline with the number of households with no formal refuse removal having increased annually at 0.43% per annum from 85 600 households in 2008 to 89 400 in 2018. This bears correlation with the growing total number of households within the municipality which has increased at an annual rate of 1.75% from 2008 to 2018. When looking at the formal dwelling unit backlog over time, it can be seen that the number of households not living in a formal dwelling was 64 100 and has increased annually at 0.30% to 66 100 in 2018.

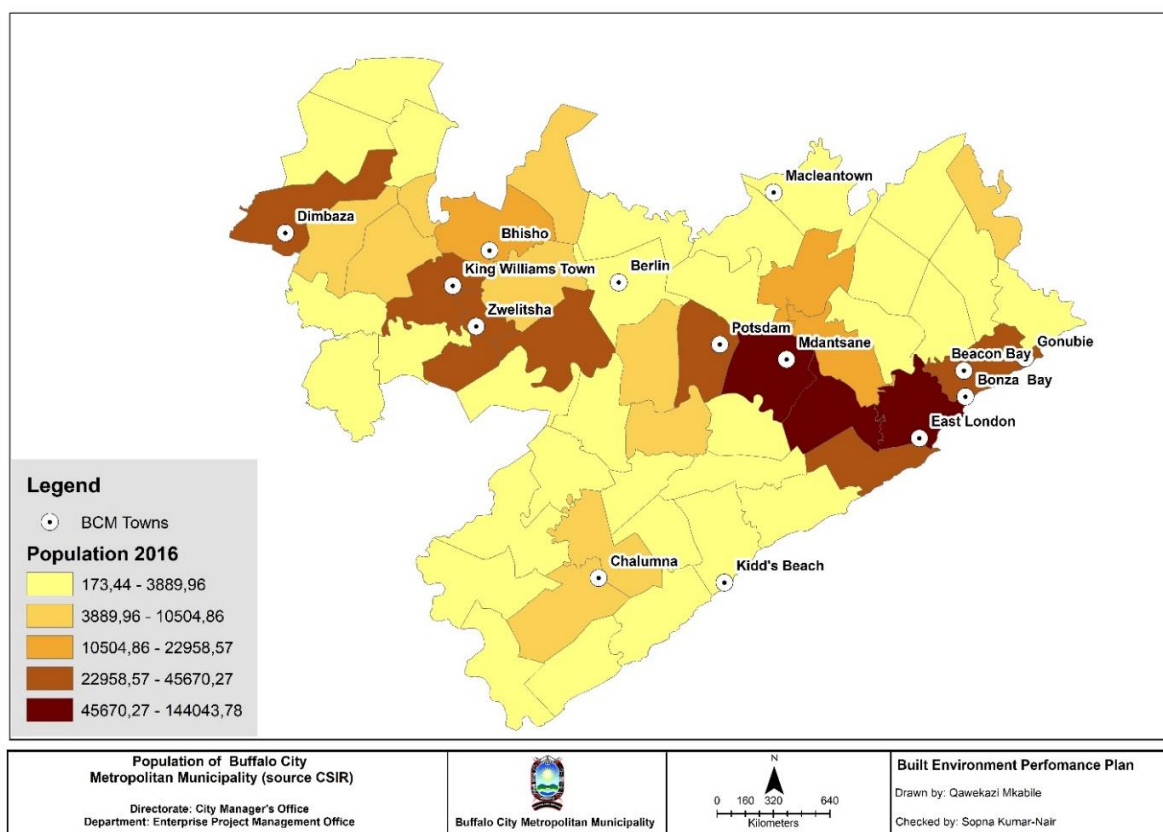


Figure A.2: Population distribution in Buffalo City Metropolitan Municipality (Source: Council of Scientific and Industrial Research 2016)

The following is a summary of the Socio-Economic profile of the BCMM according to the IHS Markit Regional eXplorer statistical overview for BCMM, 2018.

### Gross Domestic Product (GDP)

In 2018, the BCMM achieved an annual growth rate of 2.56% which is a significantly higher GDP growth than the Eastern Cape Province's 0.78% as well as higher than that of South Africa, where the 2018 GDP growth rate was

0.79%. It is expected that the BCMM will grow at an average annual rate of 1.55% from 2018 to 2023. The average annual growth rate of the Eastern Cape Province and South Africa is expected to grow at 1.03% and 1.04%.

The community services sector which includes government services is the largest within BCMM accounting for 35.68% of the total GVA in the metropolitan municipality's economy. The tertiary sector including Trade, Transport, Finance and Community Services contributes the most to GVA at 74%. Within the secondary sector including manufacturing, electricity and construction, the electricity sector is expected to grow the fastest at an average of 16.04 % annually. The community services sector is estimated to be the largest sector within the BCMM in 2023 with a total share of 24.5% of the total GVA.

#### Human Development Index (HDI)

The HDI is a composite statistic used for ranking by level of Human development. In 2018, BCMM had an HDI of 0.672 compared to the Eastern Cape with HDI of 0.601 and 0.659 of National Total. This translates to better human development for Buffalo City compared to South Africa.

#### Gini Coefficient

The Gini coefficient is a summary statistic of income inequality. It varies from 0 to 1. The Gini Coefficient for BCMM stood at 0.635 as compared to 0.623 for the EC province in 2018. This value still indicates inequality within the Metro despite the improvement as compared to previous years. The Gini coefficient for the whole of South Africa was 0.629 in 2016.

#### Poverty level

In 2018, there were 492 000 people living in poverty, using the upper poverty line definition, across BCMM. This is 5.40% lower than the 520 000 in 2008. The percentage of people living in poverty has decreased from 65.58% in 2008 to 55.66% in 2018, which indicates a decrease of 9.92 percentage points.

#### Education level

Within BCMM, the number of people without any schooling decreased from 2008 to 2018 with an average annual rate of -4.34%, while the number of people within the 'matric only' category, increased from 128,000 to 168,000. The number of people with a 'matric and certificate/diploma' increased with an average annual rate of 3.75%, with the number of people with a 'matric and Bachelor's' degree increasing with an average annual rate of 5.55%. Overall improvement in the level of education is visible with an increase in the number of people with 'matric' or higher education.

## Employment status

In 2018, Buffalo City employed 244 000 people which is 16.65% of the total employment in Eastern Cape Province (1.47 million), 1.50% of total employment in South Africa (16.3 million). Employment within Buffalo City increased annually at an average rate of 1.39% from 2008 to 2018.

Buffalo City Metropolitan Municipality employs a total number of 244 000 people within its metropolitan municipality. In Buffalo City Metropolitan Municipality, the economic sectors that recorded the largest numbers of employment in 2018 were the community services sector with a total of 61 300 employed people or 25.1% of total employment in the metropolitan municipality. The trade sector with a total of 57 700 (23.6%) employs the second highest number of people relative to the rest of the sectors. The mining sector with 166 (0.1%) is the sector that employs the least number of people in Buffalo City Metropolitan Municipality, followed by the electricity sector with 2 300 (0.9%) people employed.

## Unemployment rate

In 2018, there were a total number of 118 000 people unemployed in Buffalo City, which is an increase of 40 300 from 77 800 in 2008. The total number of unemployed people within Buffalo City constitutes 14.99% of the total number of unemployed people in Eastern Cape Province. The Buffalo City Metropolitan Municipality experienced an average annual increase of 4.27% in the number of unemployed people, which is better than that of the Eastern Cape Province which had an average annual increase in unemployment of 4.38%.

In 2018, the unemployment rate in Buffalo City Metropolitan Municipality (based on the official definition of unemployment) was 31.75%, which is an increase of 5.41 percentage points. The unemployment rate in Buffalo City Metropolitan Municipality is lower than that of Eastern Cape. The unemployment rate for South Africa was 27.35% in 2018, which is an increase of -2.94 percentage points from 24.41% in 2008.

## TRANSFORMING THE BUFFALO CITY METROPOLITAN MUNICIPALITY

In the 2022-2023 Built Environmental Performance Plan, which is prepared voluntarily by the Metro as a means of monitoring progress on its Catalytic Programmes and Projects, BCMM continues to focus attention on those areas that would drive **economic growth** and facilitate **spatial transformation** in order to alleviate the challenges of sluggish economic growth and access to amenities which ultimately impacts the quality of life of the person on the ground. Focus is placed on catalytic programmes and projects which prioritise planning and budgets in areas of need including marginalised residential areas, strengthened public transport as well as in economic nodes which enhance logistics, business, trade and industry. Improved quality of life and living are addressed through its continued focus on integrating public transport with human settlement planning and projects.

The BEPP summarizes BCMM's Built Environment Value Chain and associated activities which will drive desired outcomes of compact and transformed urban spaces that are economically and socially viable, liveable and sustainable. The 2022-2023 BEPP further provides an update on the city's integrated Climate Response Planning. The National Treasury Supplementary Guidance Note for the BEPP 2019/20 – 2020/22 provides a framework for the phased integration of these priorities into each of the focus areas of the BEPP (CSP, 2018).

Section A of the document outlines the role and purpose of the BEPP as well as its relationship to other statutory plans and institutional systems in place to support the implementation and monitoring of key spatial transformation interventions of the City. With the proposed phasing out of the BEPP as a compliance requirement by National Treasury from 2021-2022 onwards, the continued progress with the institutionalisation of the process, content and approach of the BEPP within the BCMM is discussed.

Section B of the document discusses the key spatial transformational strategies and the approach taken to spatial prioritization of areas for intervention. The section also addresses planning initiatives in place as they relate to spatially targeted and prioritized areas. As per the revised National Treasury Supplementary Guidance Note (2018), this section further includes a compilation of the necessary baseline information and GIS layers that inform the identification of climate risk zones within spatial targeting areas, as well as the institutional arrangements in place for the incorporation of CR&R experts into the transversal processes of the BEPP.

Sections C unpacks the Catalytic Land Development Programmes identified for the City, and the development of integrated planning and preparation around each catalytic programme. The section also outlines inter-governmental projects and partnerships with other spheres of government and state- owned enterprises. Sections D and E reflect on the resourcing to fund these programmes as well as the regulatory reform processes the city is currently undertaking.

Successful project implementation relies on working urban management systems and processes being in place. Section F of the document addresses the status quo and planned actions around Urban Management for prioritized precincts of the City. Existing initiatives, strategies, partnerships and institutional arrangements in place for securing resources for implementation are discussed. This section also outlines the current regulatory reforms underway within the city which aim to remove barriers to investment within spatially targeted areas and precincts of BCMM. The document concludes with the consolidation of all BEPP sections into a Theory of Change.

## **A1. ROLE AND PURPOSE OF THE BUILT ENVIRONMENT PERFORMANCE PLAN**

The Built Environment Performance Plan is prepared by the city from the 2021-22 financial year as a voluntary document which aims to compile and strengthen the performance and monitoring of the city's catalytic programmes and projects. Envisaged as a strategic spatial planning tool it provides an integrated investment rationale, plan and

process for the implementation of targeted, priority catalytic programmes and projects within the city. Amongst its many roles, it is first and foremost a spatial transformation tool which, through the above targeted catalytic programmes and projects aims to transform the Metro's built environment into a more compact, liveable, integrated, inclusive, productive and sustainable place.

The ultimate impact of spatial transformation is anticipated to be:

- A reduction in poverty and inequality.
- Enabling of faster and more inclusive urban economic growth.
- Improved quality of life, through access to: public and social amenities, safe and efficient public transport and diverse housing options.

The BEPP is envisaged to achieve the above through the setting up of short term investment plans which build towards a long term coherent investment logic. The institutional role of the BEPP is to consolidate the infrastructure planning and budgeting rationale, engaging both municipal sector departments as well as national and provincial spheres including state owned enterprises, in order that energy, efforts and funding is pooled and aligned to create programmes and projects that are of greater collective impact. This is achieved through an ongoing interdepartmental as well as intergovernmental conversation which is supported through the municipal Integrated Development Planning (IDP) Processes as well as the BCMM Intergovernmental Relations (IGR) Office through its IGR processes. Whilst the BEPP processes and content are now being integrated into the development of the 'One Plan' or the 'Metro Development Model' (MDM) initiative by COGTA, the BEPP continues to reflect the municipally driven initiatives towards achieving targeted spatial transformation.

The above shared platform of the BEPP provides an opportunity to align various grant funding including the following infrastructure grants:

- **PPPSG:** Programme and Project Preparation Support Grant, Schedule 5B (specific purpose allocations to metropolitan municipalities);
- **USDG:** Urban Settlements Development Grant, Schedule 4B (supplements municipal budgets);
- **ISUPG:** Informal Settlements Upgrading Partnership Grant, Schedule 5B (specific purpose allocations to municipalities);
- **HSDG:** Human Settlements Development Grant, Schedule 5A (specific purpose allocations to provinces);
- **NDPG:** Neighbourhood Development Partnership Grant, Schedule 5B (Capital Grant), Schedule 6B (Technical Assistance);
- **EEDSMG:** Energy Efficiency and Demand Side Management Grant, Schedule 5B (specific purpose allocations to municipalities).

## A2. BEPP IN RELATION TO OTHER STATUTORY PLANS

As described below, the BEPP was designed as a planning tool that would align, refine and consolidate the metro's existing planning instruments through a focused investment strategy and implementation plan that would enable fast tracked and inclusive economic growth.

The continued voluntary preparation of the BEPP by the Metro, with a focus on the Catalytic Land Development Programmes of the city, serves to compliment and demonstrate the alignment of the metro's other strategic documents, including the Metro Growth and Development Strategy, the Municipal Spatial Development Framework, the Integrated Public Transport Network Plan and the Integrated Human Settlements Plan all of which align with and feed into the Integrated Development Plan and Budget of the city. It is envisaged that through the highlighting of the Metro's spatially targeted programmes and projects within this document, it will continue to serve and monitor 'change' towards the desired spatial transformation as envisaged through the City's other strategic documents.

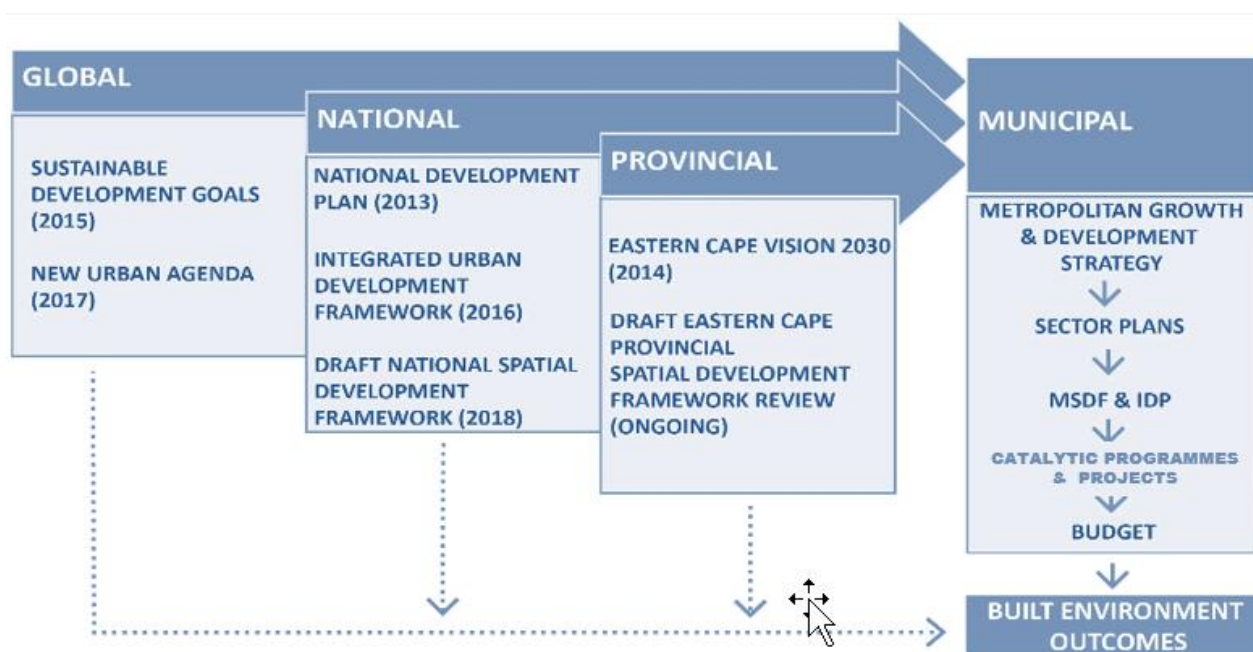


Figure A.3: Relationship with strategic documents (Source: BCMM BEPP 2019-2022)

The following documents and data sources were used in the formulation of the 2022-2023 Built Environment Performance Plan:

### **BCMM Documents:**

- BCMM Final BEPP 2021/22.
- BCMM Final BEPP 2020/21.
- BCMM Final BEPP 2019/20.



- BCMM IDP Review 2020/21.
- Metropolitan Growth and Development Strategy 2015.
- BCMM Municipal Spatial Development Framework 2019-2024.
- BCMM Draft Integrated Sustainable Human Settlement Plan 2018.
- BCMM Integrated Public Transport Network Plan 2018.
- BCMM Transport Register (2016-17) 2018.
- BCMM Climate Change Strategy 2014.
- BCMM Draft Climate Risk and Vulnerability Assessment 2019.
- BCMM Coastal Vulnerability Assessment 2019.
- BCMM Integrated Environmental Management Plan 2015.
- BCMM Sub-National Cost of Doing Business 2022.
- BCMM ULI Advisory Services Panel Report, 2014.
- BCMDA - A University Town in Buffalo City, Concept Note and Implementation Proposal, 2019

Local Spatial Development Frameworks/Spatial Policy completed since SDF of 2003:

- Vincent Berea LSDF (2004).
- Mt Ruth Framework Plan (2005).
- Quenera LSDF (2005).
- Urban Edge Policy Framework (2008).
- Bonza Bay LSDF (2008).
- Duncan Village LSDF (2009).
- Beach Front LSDF (2010).
- Gonubie Main Road LSDF (2012).
- Bhisho KWT LSDF (2013).
- Mdantsane LSDF Review (2013).
- Vincent Berea LSDF Review (2013).
- Mdantsane Industrial Feasibility Study (2015).
- Sleeper Site Framework Plan (2016).
- Mdantsane Urban Hub Precinct Plan (2016).
- West Bank LSDF (2004).
- Mount Coke Dimbaza LSDF (2008).
- Kwelera LSDF (2013).
- Newlands LSDF (2015).

### ***National and Provincial Documents:***

- National Development Plan, 2013.
- Spatial Planning & Land Use Management Act (Act 16 of 2013).
- National Treasury Core Guidance Note for the Built Environment Performance Plan v5.5, 2017.
- National Treasury Supplementary Guidance Note for the Built Environment Performance Plan (BEPP) 2019-20 – 2020-2022: Integrating Climate Response Priorities into BEPP, 2018.
- Mainstreaming Climate Responsiveness into City Plans, Budgets and Grant Conditions, BEPP Guidance Note, 2018.
- Concept Note for the Built Environment Value Chain and Progression Model, 23 September 2016.
- DORA 2021 including the grant frameworks of the relevant infrastructure grants.
- Guidance Notes, toolkits and other relevant documents relating to the Neighbourhood Development Programme.
- Framework for Spatial Investment in Human Settlements prepared by CSIR, 31 March 2015 Plan, August 2014.
- Framework for the Urban Settlements Development Grant, 2019.
- Programme Management Upgrading Toolkit: Preparing to Scale up Informal Settlement Upgrading in South Africa, 2017.
- National Human Settlements Spatial Plan, August 2014 and as updated.
- Green Book, Adapting South African Settlements to Climate Change, CSIR 2019.
- Eastern Cape Vision 2030, 2014.
- Draft Eastern Cape Provincial Spatial Development Plan, 2018.

### **A3. ALIGNING THE CITY'S PLANNING, BUDGETING AND REPORTING**

Circular No. 88 (Nov 2017) of the MFMA Act No. 56 of 2003, introduced a new set of integrated indicators that rationalise planning and reporting requirements for the MTREF budget cycle. At the time, the Built Environment Performance Plan was identified as the most appropriate planning instrument to measure transformational outcomes that focus on the extent of spatial transformation in the city. Integration and alignment between the BEPP and broader city strategies and budget therefore became critical in ensuring that transformational outcomes could be enhanced and delivered. With the phasing out of the BEPP as a compliance requirement from 2021/2022, Addendum 3 to the Circular 88 introduced in December 2021, identifies criteria to assess the incorporation of planning, budgeting and reporting reforms within the city's plans. These include:

- Evidence of a 'theory of change' for city transformation;
- Outcomes-led planning and spatial targeting
- Strategy-led budgeting

- Alignment of public infrastructure investment in spatially targeted areas
- Adoption of spatial planning, prioritisation and budgeting tools
- Assessment of the City’s longer term frameworks and strategies in comparison to the term of office plan (IDP).

Addendum 3 to Circular 88 clarifies that “Municipalities are expected to include a medium-term target for outcome indicators for the electoral term (5<sup>th</sup> year). Following the 2021 Local Government Elections, this means that outcome indicator targets should be set for the medium-term planning horizon: 2026/27” (National Treasury, 2021). The city transformational outcome indicators of the BEPP introduced in 2017 which include the indicators of 1) targeted investments in integration zones, 2) reduction in urban sprawl 3) new housing options with social diversity and 4) affordable and efficient public transport services, will henceforth be measured and reported as part of the Annual Performance Reports. The city transformational outcomes align with BCMM’s Key Strategic Pillars found in the Metro Growth and Development Strategy (MGDS) as well as the Integrated Development Plan (IDP). These include: an innovative and productive city, a green city, a connected city, a spatially integrated city and a well-governed city. In addition to the above, the 2019-20 IDP review introduced 47 Key Focus Areas (KFAs) which further promote each of the five key strategic outcomes. The diagram below captures the alignment of intentions between the four city transformational outcomes with BCMM’s strategic planning outcomes contained in the MGDS and the IDP as well as its linkage to the 2022-23 draft budget. The capital budget amounts indicated encompass the broad outcomes contained in the aligned MGDS & IDP outcome areas and are not indicative of BEPP outcomes alone.

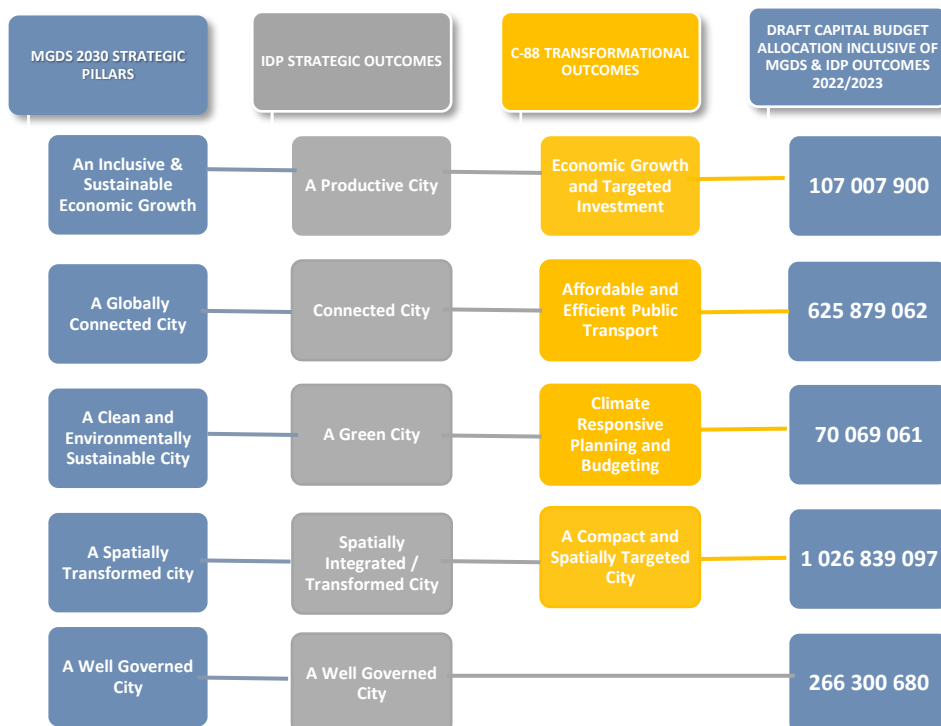


Figure A.4: Diagram of the relationship between the BEPP, IDP, MGDS and the 2022-23 Draft Budget (Source: BCMM Draft Budget 2022-23, 16-03-2022)

## **A4. INTEGRATING CLIMATE CHANGE RESPONSIVENESS INTO THE BEPP**

The Supplementary Guidance Note for the BEPP 2019/20 to 2020/2022 (October 2018) outlines the guidelines for integrating Climate Change priorities into the BEPP. BCMM's Integrated Environmental Management Planning (IEMP) unit, under Executive Support Services has prepared a BCMM Climate Change Strategy in 2014. The study outlined climate change impacts, risks, and associated responses for BCMM. The study also included a climate change impact and risk matrix which provides a rating for the key risks, adaptive capacity, and vulnerability within BCMM. The IEMP unit has further recently completed a Coastal Areas Risk and Vulnerability Assessment (2019).

Through joint initiatives of the EPMO as secretariat to the BEPP, as well as the IEMP unit, a multi-disciplinary climate team has been assembled in the city, comprising officials from the IEMP unit, Spatial Planning and Development (SPD) unit, the Disaster Management unit, GIS unit as well as the EPMO. A Draft Climate Change Risk and Vulnerability Assessment (CRVA) has been prepared in-house in 2020 with support from the CSIR via National Treasury's City Support Programme (CSP).

## **A5. INSTITUTIONALISING THE BEPP**

### **A5.1 Alignment between the BEPP on the IDP, SDF and Budget**

The catalytic land development programmes (CLDPs) outlined in the BEPP have been confirmed as city priorities for the 2022/23 financial year. CLDPs are incorporated into the 2022-2023 IDP and 2022-2023 Budget processes of BCMM. The spatial targeting of areas and budgeting for catalytic projects within programmes has been strengthened through enhanced coordination and integration of projects within individual catalytic programmes.

This proposed spatial prioritisation reflected in the MSDF 2019-2024 aligns fully with all five of the packaged catalytic land development programmes as well as the intergovernmental project pipeline in the 2019-20, 2020-21 and the 2021-22 BEPP.

### **A5.3 Project Preparation for selected key catalytic land development programmes and projects (leverage of investment through partnerships)**

In order to move towards accelerated implementation of catalytic programmes and projects, the EPMO has internally restructured its existing resources in order to enhance capacity dedicated to coordination of catalytic programmes in the city. The BCMM has established an agency (BCMDA) who has been mandated to plan and implement a number of strategic projects which fall within Catalytic Programme areas of the city. The City Directorates and the Agency are currently working jointly in a complementary manner on a number of initiatives which are envisaged to result in implementable projects which aim to deliver visible impacts in the short to medium term.

## **A5.4 Technical support from CSP**

In order to support and accelerate catalytic and strategic programme and project implementation, strategic technical support is required to be assembled to assist the City. This includes support around project value assessment and management; business case development and due diligence; transaction advisory and financial structuring; as well as governance models and framework design. In order to move catalytic projects closer to implementation, the CSP has over the past three years made such support available enabling greater transversal inter-departmental support and project mobilisation within the catalytic land development programmes of the city.

Further areas identified for CSP support are around the roll out and institutionalisation of the City Infrastructure Delivery and Management System (CIDMS) for BCMM. The BCMM has recently undertaken a Built Environment Business Process Mapping (BPM) for the city which will analyse current built environment processes in order to steer the city towards an asset management system that is compliant with the requirements of SANS 55001 as well as National Treasury's CIDMS regulatory requirements, including Municipal Standard Chart of Accounts (mSCOA), Generally Recognised Accounting Practice (GRAP), Spatial Planning and Land Use Management Act (SPLUMA) and Standard for Infrastructure Procurement and Delivery (SIPDM) / Circular 77. Service providers have been appointed by the World Bank to support the National Treasury's City Support Programme (CSP) with the implementation of the City Infrastructure Delivery Management System (CIDMS) in the city. The aim of the World Bank project is to provide support to the 8 Metropolitan Municipalities over a 24-month period in the implementation of the CIDMS.

## **A5.5 Submission of Draft 2022-23 BEPP Document to Council**

The draft version of the BEPP 2022-2023, the IDP and MTREF have been prepared in readiness for Council approval. The Draft BEPP 2022-23 will be tabled together with the Draft IDP and Draft MTREF at the Council Meeting scheduled to take place on the 30 March 2022.

# **SECTION B : SPATIAL PLANNING & TARGETING**

## **SPATIAL PLANNING BACKGROUND**

### **The National Development Plan**

The National Development Plan (NDP) advocated "a national focus on **spatial transformation**". Chapter 8 was specifically called 'Transforming Human Settlements'. The NDP introduced five broad normative principles to guide the formulation of a national spatial framework, to inform urban and rural development policies, to strengthen spatial planning instruments, and to help build institutional capabilities for spatial governance at Local, Provincial and

National levels. The principles are spatial justice; spatial sustainability; spatial resilience; spatial quality; spatial efficiency.

Beyond the broad principles, the NDP understood the spatial transformation of cities in terms of three of the elements of urban structure i.e. – jobs, housing and transport. It suggested that there were five ways in which these elements could be used to promote urban restructuring:

- To reduce travel costs and distances,
- To prevent further development of housing in marginal places,
- To increase urban densities and reduce sprawl,
- To improve public transport and the coordination between transport modes, and
- To shift jobs and investment towards dense peripheral townships.

Spatial transformation will clearly mean different things in different local contexts, depending on the socio-economic composition and physical characteristics of the area. Nevertheless, several **general principles of urban efficiency** and good design seem relevant to most situations:

- Mixed-use development instead of mono-functional settlements,
- Mixed-income residential schemes rather than exclusive housing schemes,
- Public transport-oriented projects rather than private car-oriented projects,
- Improved public spaces and opportunities for walking rather than private cars,
- Higher density developments rather than low density sprawl,
- Brownfield (re)development, renewal and retrofitting of old buildings rather than new greenfield development,
- An emphasis on affordable housing in well-located areas, i.e. in and around transport nodes and corridors.
- Public consultation and popular involvement in area-based planning to ensure more of a people-based perspective, and less of a prescriptive, top-down approach.

### **Integrated Urban Development Framework (IUDF)**

The IUDF is the government's policy position to guide the future growth and management of its urban areas. It seeks to foster a shared understanding across government and society about how best to manage urbanization and achieve goals of economic development, job creation and improved living conditions for all.



The IUDF is a response to and builds on various chapters in the National Development Plan, more specifically Chapter 8 which deals with “Transforming human settlements and the national space economy”. To achieve this transformative vision, four strategic goals are introduced.

- **Spatial Integration:** To forge new spatial forms in settlement, transport, social and economic areas.
- **Inclusion and access:** To ensure people have access to social and economic services, opportunities and choices.
- **Growth:** To harness urban dynamism for inclusive, sustainable economic growth and development.
- **Governance:** To enhance the capacity of the state and its citizens to work together to achieve spatial and social integration.

The above strategic goals give rise to a series of policy levers, the implementation of which depends on its integration into municipal development planning tools such as the SDF, IDP and BEPP. The nine policy levers include:

- **Integrated Urban Planning and Management:** the prudent use of land and natural resources to build sustainable communities.
- **Integrated transport and mobility:** the development of efficient urban form centred around integrated transport, which supports economic and social development.
- **Integrated and sustainable human settlements:** redressing the prevailing apartheid geography, restructuring cities, shifting ownership profiles and choices, and creating more humane, safe living and working conditions.
- **Integrated urban infrastructure:** the development of resource efficient urban infrastructure that provides for both universal access and more inclusive economic growth.
- **Efficient land governance and management:** growing investments through land and property resulting in inclusive, multi-functional urban spaces.
- **Inclusive economic development:** Cities and towns that are dynamic and efficient, foster entrepreneurial and innovation, sustain livelihoods, enable economic growth and generates the tax base needed to sustain and expand public services and amenities.
- **Empowered active communities:** Cities and towns that are home to socially and culturally diverse citizens, who are actively involved in the city.
- **Effective urban governance:** Managing the intergovernmental dynamics within the city.

- **Sustainable finances:** Cities and towns that are supported by a fiscal framework that acknowledges the developmental potential and pressures of urban spaces and manages finances effectively and efficiently in order to access necessary resources and partnerships for inclusive urban growth.

BCMM given its jurisdiction within a predominantly rural development context, the IUDF’s emphasis on the rural-urban continuum and the ability of urban areas to respond to in-migration in a manner that optimises the urban dividend stresses the need to focus on poverty alleviation, job creation and the creation of more liveable settlements especially for marginalised and informal settlements within the metropolitan area.

### **Metropolitan Growth and Development Strategy Vision 2030 (MGDS)**

The Metropolitan Growth and Development Strategy identifies five strategic pillars for the realisation of realistic, achievable and measurable goals for the Metro:

- An inclusive and sustainable economic growth.
- A globally connected city.
- A clean and environmentally sustainable city.
- A spatially transformed city and a well governed city.
- A well governed city.

Key city initiatives pertaining to each of the above strategic pillars are summarised in the Table below:

| STRATEGIC PILLAR                             | KEY CITY INITIATIVES   |
|--|--|
| An inclusive and sustainable economic growth | <ul style="list-style-type: none"> <li>• Improving the Sub-national cost of doing business to unlock property investments (automation and investment centre/one-stop shop).</li> <li>• Investment strategy with GTAC (to build on improved investor sentiment towards the city (MBSA, Yekani, ELIDZ).</li> <li>• Sleeper site development (project preparation and financing model) through BCMDA with CSP.</li> <li>• Youth employment initiative (with Harambee).</li> <li>• New property development to build revenue base (e.g. Kidds Beach).</li> <li>• Blue flag beaches for tourism.</li> </ul> |
| A globally connected city                    | <ul style="list-style-type: none"> <li>• Continued roll-out of free Wi-Fi hotspots.</li> <li>• Optimize benefit of IOX undersea cable and proposed data centre (align to SMART City concept).</li> <li>• Procure and institutionalize enterprise resource planning system and related automation of key business processes (aligned to MsCOA).</li> <li>• Continued engagements with Transnet and DPE on container terminal and port expansion funding model.</li> </ul>   |

|  |   |
|--|---|
|  | <ul style="list-style-type: none"> <li>Engage SANRAL on N2-R72 by-pass (key for Integration Zone 1 / Primary Integration Zone).</li> </ul>  |
| A clean and environmentally sustainable city | <ul style="list-style-type: none"> <li>Institutional reconfiguration (new service delivery model for waste management).</li> <li>Re-tool waste management (fleet, skips, mobile transfer stations etc.)</li> <li>Design and funding model for integrated waste management facilities (transfer stations).</li> <li>Waste economy development (buy-back centres and SMMEs).</li> <li>Define new approach to energy Independent Power Producers.</li> </ul>   |
| A spatially transformed city                 | <ul style="list-style-type: none"> <li>Development of EPMO for transversal integration and catalytic programme co-ordination.</li> <li>Reeston Tunnel to unlock NW Corridor development (Amalinda Junction).</li> <li>Fitzpatrick Road re-alignment and City-to Sea Boulevard (for Sleeper Site development).</li> <li>Finalization of and integration between IPTNP, ISHSP, and SDF.</li> <li>SPLUMA readiness (Implementation of Tribunals).</li> <li>New capacities leveraged for PPPs, innovative funding models (through BCMDA and partnerships with CSP)</li> <li>Development of new nodes for revenue enhancement (Kidds Beach, Quenera).</li> </ul> |
| A well governed city                         | <ul style="list-style-type: none"> <li>Audit improvement plan and risk management.</li> <li>Automation (enterprise resource planning system).</li> <li>City branding and communications.</li> <li>Culture change and performance excellence (partnership with MBSA and GTAC) including for Council.</li> <li>Roll-out of revenue enhancement strategy (including billing system improvements, aggressive strategy to reduce municipal debt, and cost-cutting measures).</li> <li>Integrated customer relations management system.</li> </ul>  |

Source: BCMM Executive Support Services and GTAC

## BCMM Spatial Development Framework 2019-2024

The MSDF 2019-2020 confirms the vision of Buffalo City playing the role of a City-in-a-Region.

The core elements of the City are its roles as a University Town; a hub for Green Energy production and innovation; a centre of Industrial Development with an innovative and world-class motor industry cluster at its heart; and a city that offers a rich lifestyle experience through the quality of its natural environment, the range of social, cultural and leisure activities offered in the area, and the excellence of its public infrastructure and social institutions.

The MSDF has served to strengthen, align and refocus where needed, the spatial priorities and programmes. Key aspects include:

- Continued compliance with SPLUMA requirements.

- Alignment and integration of BEPP Catalytic Priorities into the broader spatial framework of BCMM.
- Refocusing the BCMM spatial priorities with an emphasis on facilitating and enabling the many new 4<sup>th</sup> Industrial Revolution based economic opportunities that have emerged within the West Bank Economic Corridor – now being referred to as the West Bank Logistics and Innovation Hub.
- Further promoting BCMM as a University Town and emphasizing the role that the universities have as place makers and linking this to the economic opportunities within the West Bank logistics and innovation hub.
- Refocusing on the need for efficient, walkable and compact cities.
- Introducing the concept of Mass Housing Development to enable the development of housing at scale that will facilitate opportunities to achieve and create mixed economic developments using a cross subsidization model.
- Refocusing on the need to build road linkages between marginalised communities and areas of economic opportunity.
- Identifying the needs of the new rural areas that have been recently incorporated into BCMM.

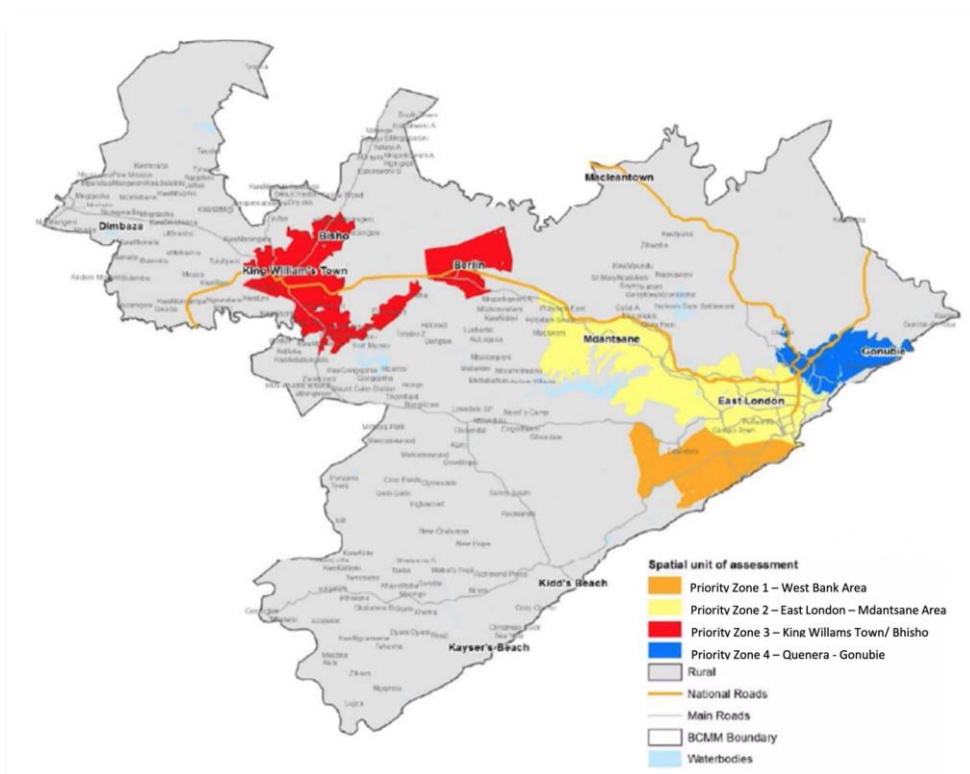


Figure B.1: BCMM SDF 2019-2024: Spatial Reprioritisation (Source: BCMM MSDF, 2020)

## B1. SPATIAL PLANNING & SPATIAL TARGETING

### B1.1 BCMM Urban Network Strategy: Proposed Integration Zones

The spatial proposals contained in the MSDF are aligned to the Urban Network Strategy concept as defined by National Treasury. The Urban Network Strategy aims to bring together **three key elements** into an integrated framework (NT Guidance Note, 2017). See Figure B.4 below:

1. Economic nodes / Areas of Employment
2. Marginalised Residential Areas and Informal Settlements
3. Strategic Public Transport Corridor linking the above two elements.

'The Urban Network Plan, and specifically the identification of prioritised spatial targeting areas, provides a mechanism for integrated planning and in particular, the spatial alignment of investments in public transport and housing' (NT Guidance Note, 2017). Along this concept, the Buffalo City Urban Network Strategy identifies two such spatially targeted areas within BCMM namely, Primary Integration Zone and Secondary Integration Zone.

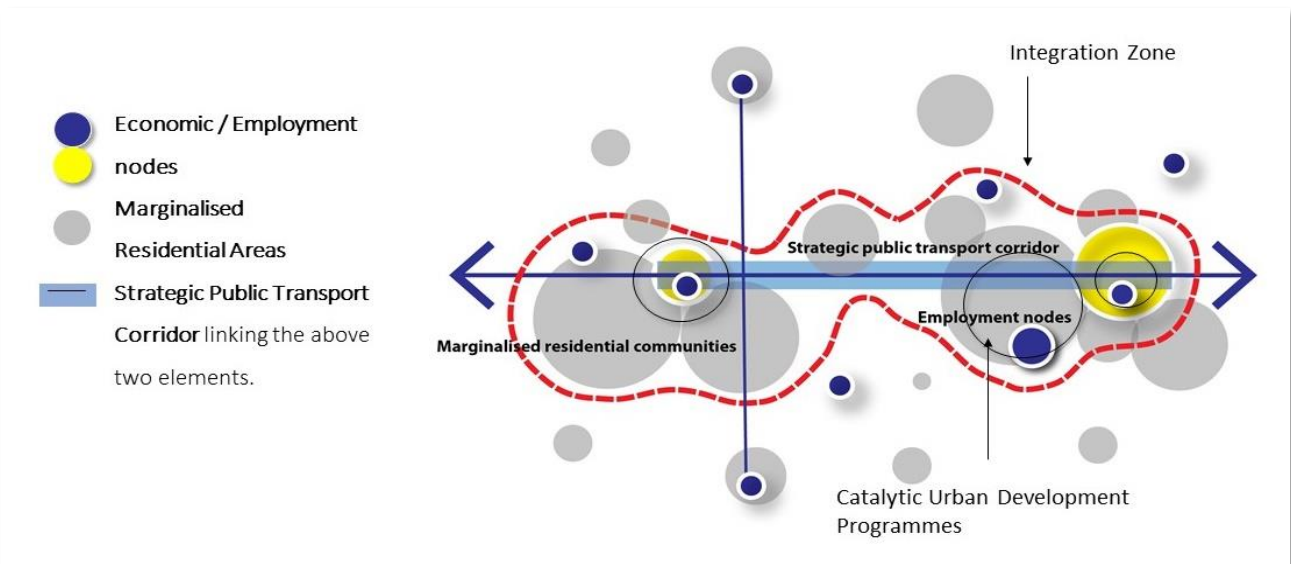


Figure B.2: Spatial Targeting Concept: Structuring Elements: Public Transport Corridors and Nodes (Source: BCMM BEPP 2019-20)

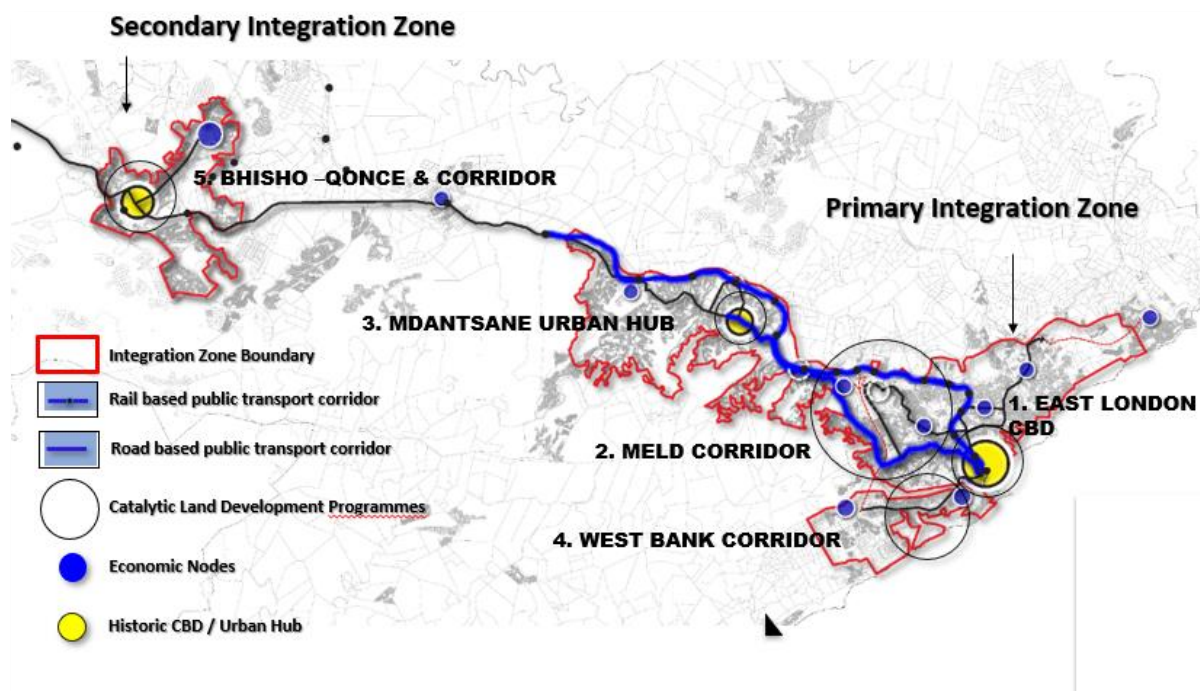


Figure B.3: Spatial Targeting: BCMM Urban Network Strategy (Source: BCMM BEPP 2019-20)

### B1.1.1 BCMM Integration Zones

Following a meeting and discussions with National Treasury, Neighbourhood Development Planning (NDP) on the 24<sup>th</sup> October 2018, the Integration Zones for BCMM were reworked to better respond to current contextual needs and informants as well as to address comments from NDP and Treasury arising from the 2018-19 BEPP submission. The above changes remain as is in the 2020-21 BEPP.

The rework around the integration zones acknowledges that a number of key corridors over and above the **MELD Corridor** influence and hold potential for the future spatial and economic transformation of the City. An acknowledgement of key strategic and investment related hubs structured along Settler’s Way / the R72 westwards from the CBD, highlights the **Port – MBSA – IDZ – Airport** hub as an additional catalytic programme area within the primary integration zone. This programme is broadly termed in this BEPP as the **West Bank Economic Corridor**. The 2020 review of the SDF of the municipality has further prioritised this area as the top priority for the focussing of investments within the city.

The City – Vincent – Beacon Bay – Gonubie link corridor is also acknowledged as a key future growth corridor within the primary integration zone. The integration zone boundaries for the primary integration zone remain the same in 2020-21. The boundaries were streamlined and shrunk in the 2019-20 process to strengthen spatial targeting objectives of the BEPP.



Similarly, the secondary integration zone boundaries remain the same in 2020-21. The boundaries were amended in 2019-20 to include marginalised residential areas and townships surrounding the nodes of Bhisho and Qonce (King William’s Town). These were previously neglected in the earlier iterations of the Secondary Integration Zone.

### B1.1.2 Primary Integration Zone

The Primary Integration Zone for BCMM, is therefore formed around and includes the following strategic focus areas:

1. The East London CBD & Inner City
2. The MELD Corridor (Central)
3. Mdantsane Urban Hub
4. West Bank Economic Corridor (Port – MBSA – ELIDZ – Airport).

The above strategic focus areas are not presented in order of prioritisation rather in terms of their spatial sequencing.

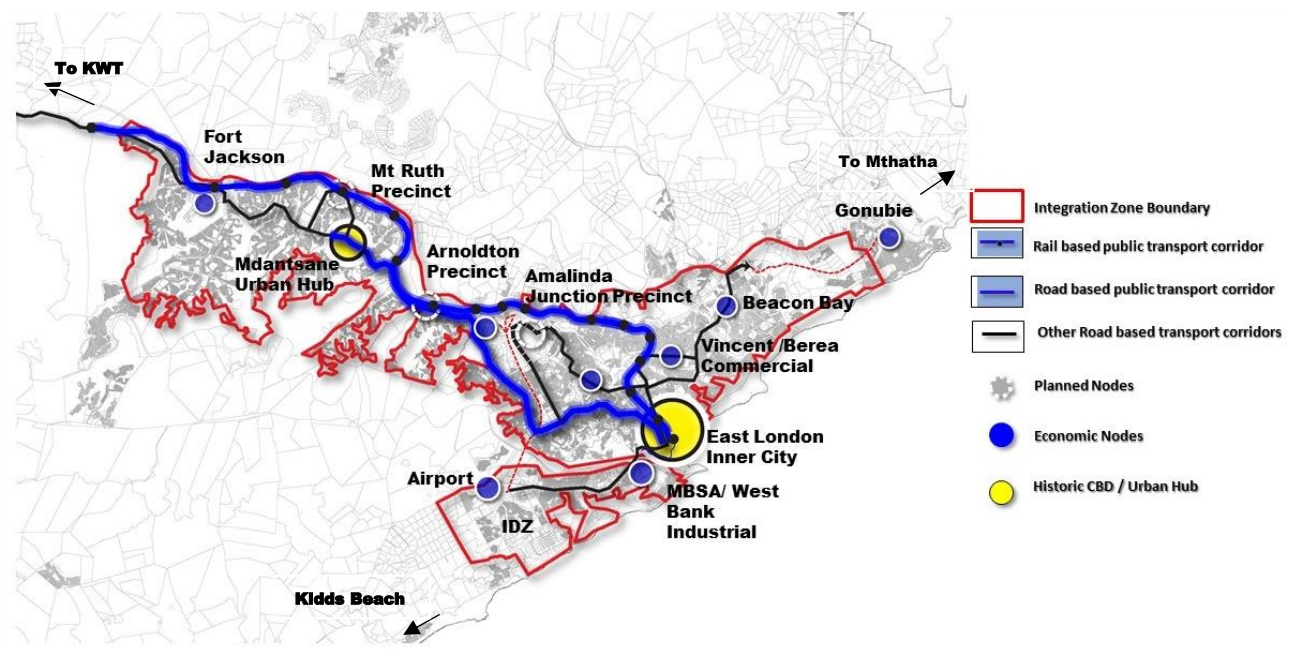


Fig B.4: Spatial Targeting: Primary Integration Zone (Source: BCMM BEPP 2019-20)

The **East London CBD** is the central point and origin of BCMM’s movement network. The CBD is connected to outlying townships by means of a primary movement network which is formed by the **MELD Corridor**. The **Mdantsane Urban Hub** forms a primary destination on the MELD corridor and is located within BCMM’s largest and the country’s second largest township, Mdantsane. The area contains the bulk of BCMM’s population and is subjected to critical infrastructure backlogs, which severely hinder the progress of development.

## The MELD Corridor

The area termed the East London – Mdantsane Corridor (MELD) was identified as early as 1996 as being the area straddling the main transportation routes (roads and railway) linking the BCMM's largest township, Mdantsane to the East London Central Business District. The **Mdantsane Urban Hub** forms a primary destination on the MELD corridor and is located within the township of Mdantsane. The area contains the bulk of BCMM's population and is subjected to critical infrastructure backlogs, which severely hinder the progress of development.

The MELD Corridor stands out as the key public transport corridor within BCMM and is the busiest artery serving the Primary Integration Zone. This is based on the following criteria and characteristics:

- Existing and future public transport passenger demand – this corridor has the highest passenger demand in Buffalo City.
- Operations – this corridor also provides the most operationally efficient service within Buffalo City and therefore the most cost effective.
- In terms of the development and planning framework proposed by Buffalo City, this corridor is the key strategic transport corridor for the city.

The Rail system and the Bus and Taxi Route in combination with the rest of the public transport routes result in most residents within the Integration zone being within 1km of public transport. BCMM's largest housing projects including **Duncan Village** and **Reeston** are situated on the MELD Corridor. Apart from the upgrade of the MELD Corridor itself, one of the key projects associated with the MELD concept is the **N2/R72 Road bypass** and the **Buffalo River Bridge**. The Buffalo River Bridge will reduce travel time for workers travelling from this area to the West Bank node.

## The West Bank Economic Corridor

The **East London CBD - R72 / Settler's Way- to Airport link** has been identified as a major public transport route in the BCMM Integrated Public Transport Network Plan (IPTN, 2018). The area has also been identified as Priority Zone 1 in the SDF Review (2020) document currently being finalised, refer Figure B.1 above. Strategic economic nodes along the West Bank R72 / Settler's Way corridor include **Mercedes Benz South Africa (MBSA)**, the **East London Industrial Development Zone (ELIDZ)**, the **Airport** and the **Port of East London**. The area houses projects of significant scale and impact which play a role in job creation as well as in modifying upstream and downstream economic activities. Further objectives in the future development of the area include the integration of socio-economic priorities such as the development of well-located mixed-use residential activities as well the forging of direct access and linkage of the area to previously marginalised communities. The earlier mentioned **N2/R72 Road bypass** and

the **Buffalo River Bridge** are two such linkages. The package of above priorities makes this area a key strategic programme within the Primary Integration Zone.

Subsequent to the 2019-20 BEPP, a series of documents and initiatives such as the MSDF (2020) together with efforts to consolidate a BCMM funding application towards the **Budget Facility for Infrastructure** (BFI) has placed emphasis on the West Bank Economic Corridor / Logistics Hub as a priority area of focussed investment for the city. The BFI is a national reform initiative to the **budget process** and supports the execution of national priority projects through the establishment of specialised structures, procedures and criteria for **committing fiscal resources to public infrastructure** spending (Global Infrastructure Hub, National Treasury, 2018).

Other Strategic Integrated Public Transport Routes identified in the 2018 BCMM Integrated Public Transport Network Plan (IPTN) of significance to the Primary Integration Zone include the **East London CBD - R72 / Settler's Way- to Airport link** as well as the **R72- Devereaux Avenue, Beaconhurst Drive link** eastwards to **Gonubie**.

### ***B1.1.3 Secondary Integration Zone***

The Secondary Integration Zone for BCMM, is formed around and includes the following focus areas.

- Qonce (KWT) – Bhisho – Zwelitsha zone including the R63 corridor between KWT and Bhisho

This Integration Zone is made up primarily of the historic CBD / hub of Qonce (King William's Town-KWT) and surrounding townships of Ginsberg, Zwelitsha and Breidbach. As indicated in Figure B.12 below the Secondary Integration Zone incorporates the administrative hub of Bhisho which forms a strategic employment node within this Zone. The **R63 KWT- Bhisho Corridor** forms an important public transport route within the Secondary Integration Zone. Other strategic economic nodes surrounding the Secondary Integration Zone include **the Dimbaza Industrial Area** to the west and the **Berlin Green Energy Hub** to the East. Both the above areas though outside the secondary integration zone, are located close to Railway station nodes within the area and are earmarked as areas for the promotion for investment and enhanced job creation.

This area is additionally surrounded by and serves a large rural hinterland population therefore plays an important role and function within the rural to urban continuum as envisaged in the IUDF.

Qonce CBD (King William's Town) has been identified as a key secondary regional service node within the metropolitan context. As noted in the 2013 SDF, Qonce Town is a strong and vital Rural Service Centre providing goods and services to the rural hinterland areas. Bhisho retains its prominence as the Provincial Capital of the Eastern Cape and this status remains the main driver of investment in the area.

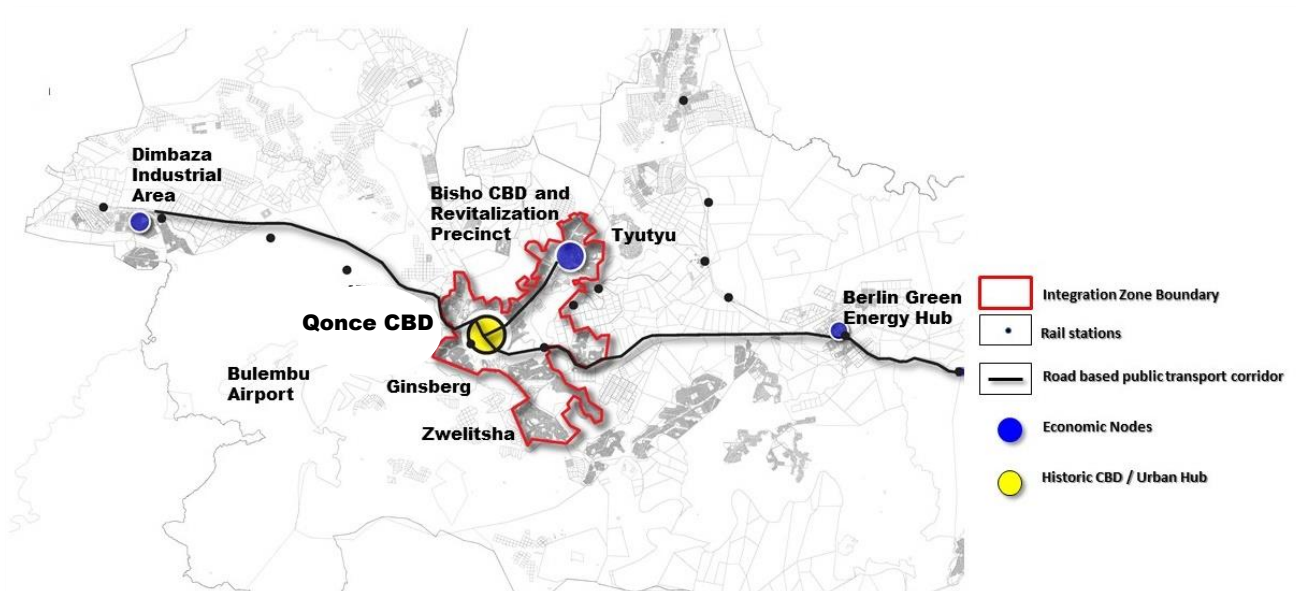


Figure B.5: Spatial Targeting: Secondary Integration Zone (Source: BCMM BEPP 2019-20)

The Secondary Integration Zone is subject to critical infrastructure/service backlogs, which severely hinders progress with the development of the corridor.

The Bisho / KWT LSDF contains the following key objectives:

- A strong focus needs to be encouraged on improving public transport and further road linkages between the central urban areas of Qonce (King William's Town) and Bisho and the rural hinterland
- The linking of Qonce Town and Bisho spatially is a priority in the short-medium term in order to attain urban coherence and functional efficiency.
- Emphasis is to be placed on the upgrading and urban renewal of existing townships and urban environments in the area.

## B1.2 BCMM Integrated Public Transport Plan

### B1.2.1 BCMM Transport Register

The BCMM Transport Register which was completed in February 2018 identified the following trends in transport modal splits for work related trips. The predominant transport mode for work related trips in the BCMM area during a typical weekday morning peak period in 2013 was by taxi (43%), followed by private car/truck (29%), walking (21%), train (5%) and bus (2%).

- In comparison to the 2003 data, overall there has been a 5% decline in work trips via public transport, whilst there has been a 4% increase in work trips via private transport and walking respectively.

- Nearly a third of all work trips were made via private transport in 2013, which corresponds well with the provincial average of 33%.
- Considering the decline in work trips via public transport, there appears to be a modal shift from public transport to private transport and walking in the BCMM area.
- The 2013 NHTS for work related trips consisted of approximately 65 000 more trips in comparison to the 2003 NHTS.

The following trends were reported in transport modal splits for educational trips.

- The predominant transport mode for education related trips in the BCMM area during a typical weekday morning peak period in 2013 was by walking (56%), followed by taxi (25%), private car/truck (10%), bus (6%) and train (2%).
- In comparison to the 2003 data, overall there has been a 15% increase in education trips via public transport, whilst there has been a 14% decline in education trips via walking, with private transport remaining unchanged.
- The 56% of walk trips to educational facilities was lower than the provincial average of 75% in 2013.
- Considering the decline in education trips via walking, there appears to be a modal shift from walking to public transport in the BCMM area, with taxi use showing the biggest increase (+10%).
- The 2013 NHTS for education related trips consisted of approximately 53 000 more trips in comparison to the 2003 NHTS.

### ***B1.2.2 BCMM Integrated Public Transport Network Operations and Implementation Plan (2018)***

The BCMM IPTN Operations and Implementation Plan has undergone a series of consultative processes. Various proposals and options have been considered for implementation. Based on the budget implications of the various options and the non-availability of funding for the implementation of a full-fledged IPTN system, a hybrid approach has been favoured over the roll out of a full-fledged IPTN Network in the Metro. The hybrid approach considers the provision of Trunk Services only with feeder routes being serviced by existing independent operators, through the coordination of an operating company. The current proposal looks at a 3-year transition phase and 8-year period for the roll out of IPTN services. The first phase of the project is planned to cover the MELD Corridor and the second phase will cover the Zwelitsha – Bisho – Qonce (KWT) Corridor. The above proposed plans have however been negatively impacted by the withdrawal of the Public Transport Network Grant (PTNG) for BCMM, which has implications for the completion of the remaining phases of a number of key projects that have been initiated.



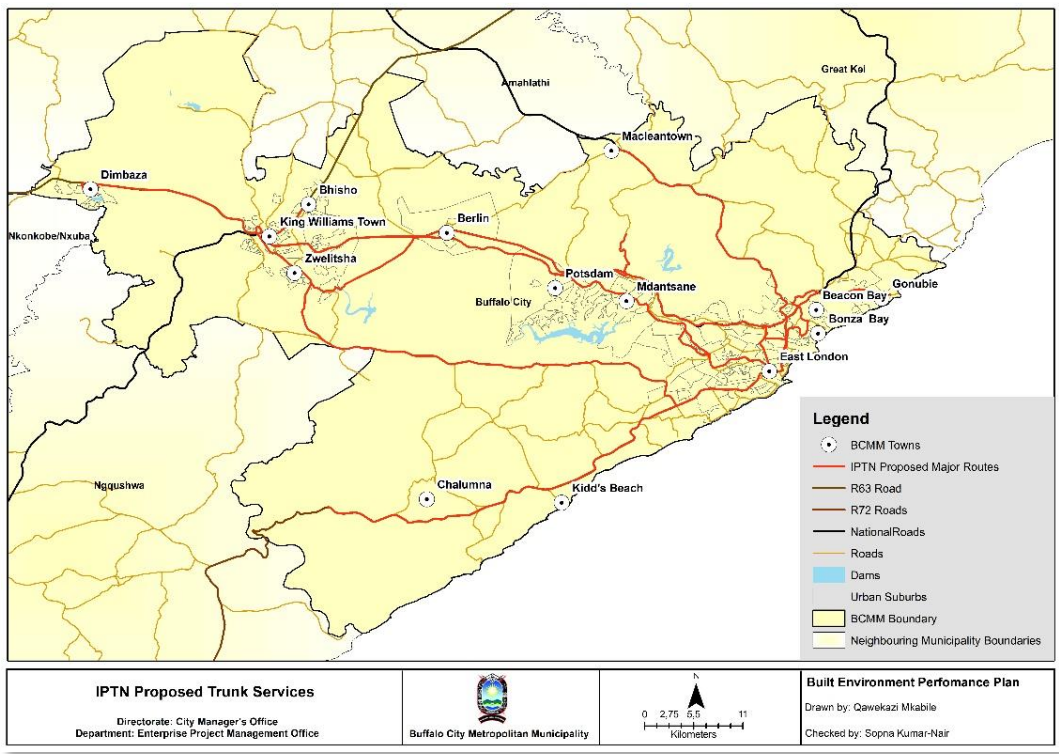


Figure B.6: Proposed Trunk Services only IPTN (Source: BCMM IPTN: 2018)

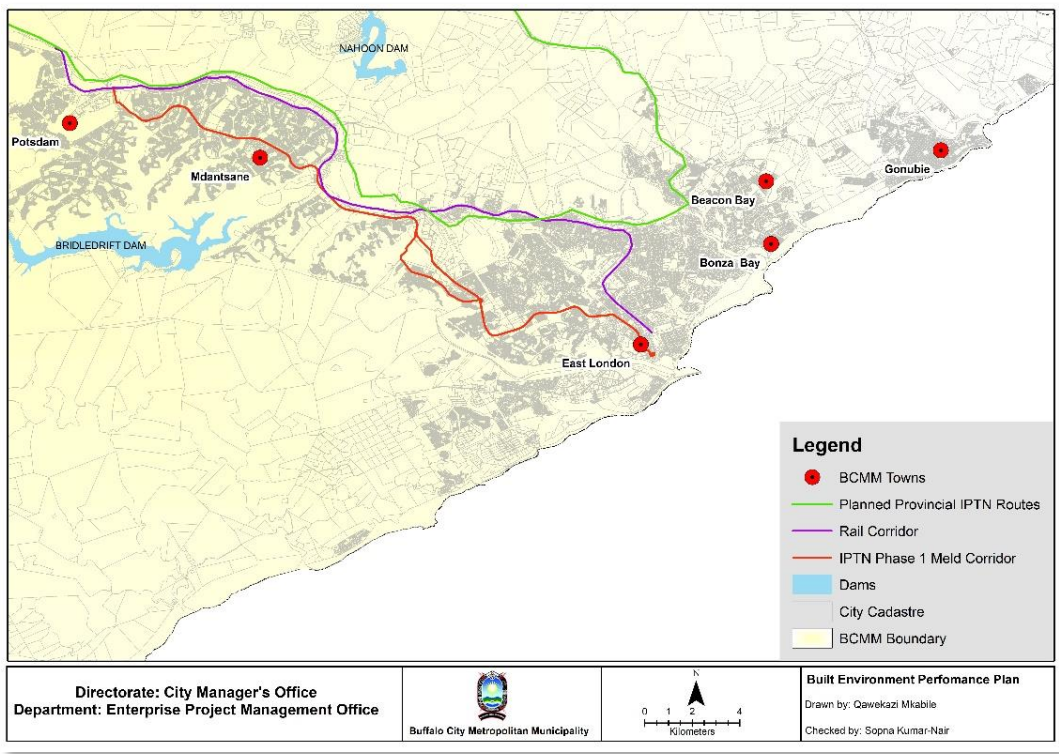


Figure B.7: IPTN Trunk Services: Phase 1 MELD Corridor (Source: BCMM IPTN: 2018)  
 Green routes indicate planned Provincial IPT Routes, Red routes indicate the BCMM IPTN and Purple indicates the Rail Corridor

### **B1.3 Marginalised Residential Areas**

The implementation of the infrastructure components of BCMM's settlement planning projects are primarily funded through the Urban Settlements Development Grant (USDG) as well as the Informal Settlements Upgrading Programme Grant (ISUPG). The 2019-20 national budget introduced what is called an "Upgrading Informal Settlements Programme (UISP) Window" for 2019/20 where 20% of the USDG has to be spent on informal settlement upgrades. How this funding is allocated within a broader integrated spatial logic, will determine the extent of transformation possible for these settlements. In addition to informal settlements, there are other marginalised residential areas where people are deprived and in need of opportunities. These areas are typically not the focus of private developers and are likely to require intervention from government, in order to flourish as neighbourhoods.

Buffalo City Metropolitan Municipality's draft review of its Integrated Sustainable Human Settlements Plan (ISHSP) has largely focused on the demand and needs around state subsidised housing. It has been noted that further extensive work on the analysis of needs around the remaining residential property market is vital in order to promote the development of a greater mix of housing types and options within the Metro. This will align the needs of the residential market as well as provide a holistic vision to meet desired impacts of spatial transformation.

The key findings of the BCMM Informal Settlement Study (2010) are as follows:

- Total of 154 informal settlements within the Urban Edge
- Total of approx. 41,238 informal dwellings (excludes backyards dwellings)
- Duncan Village – Approx. 20,000 informal dwellings
- East London KWT – 13,352 informal dwellings
- Mdantsane – 7,886 informal dwellings
- Population: ±155,080 in informal settlements (Excluding back yards dwellings)

Figures B.8a, 8b and 8c indicate the location of all the urban and inland informal settlements.

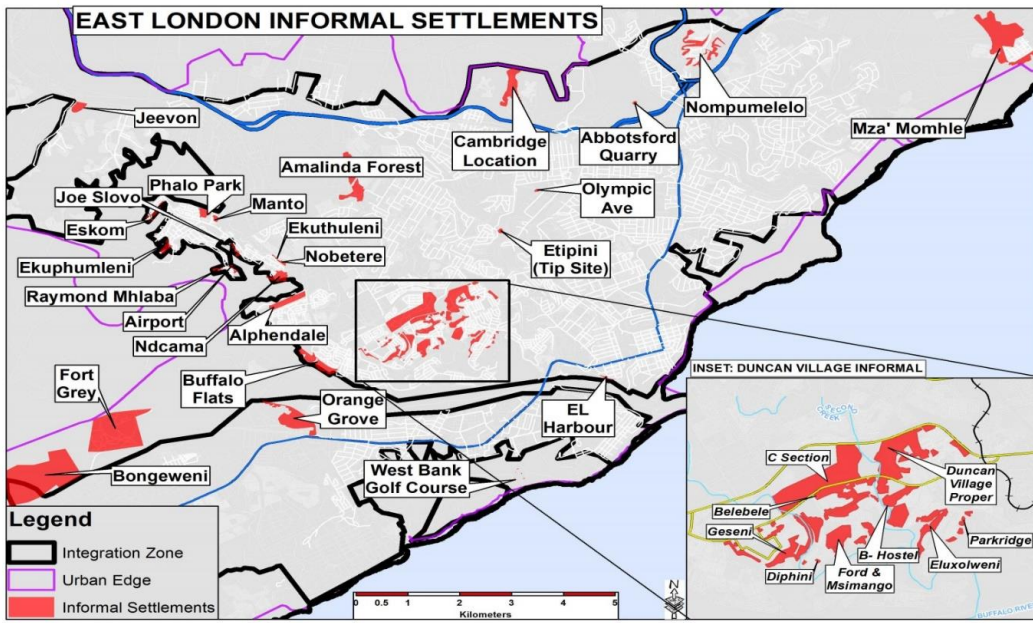


Figure B.8a: East London Urban Informal Settlements (Source: Informal Settlements Study, 2010)

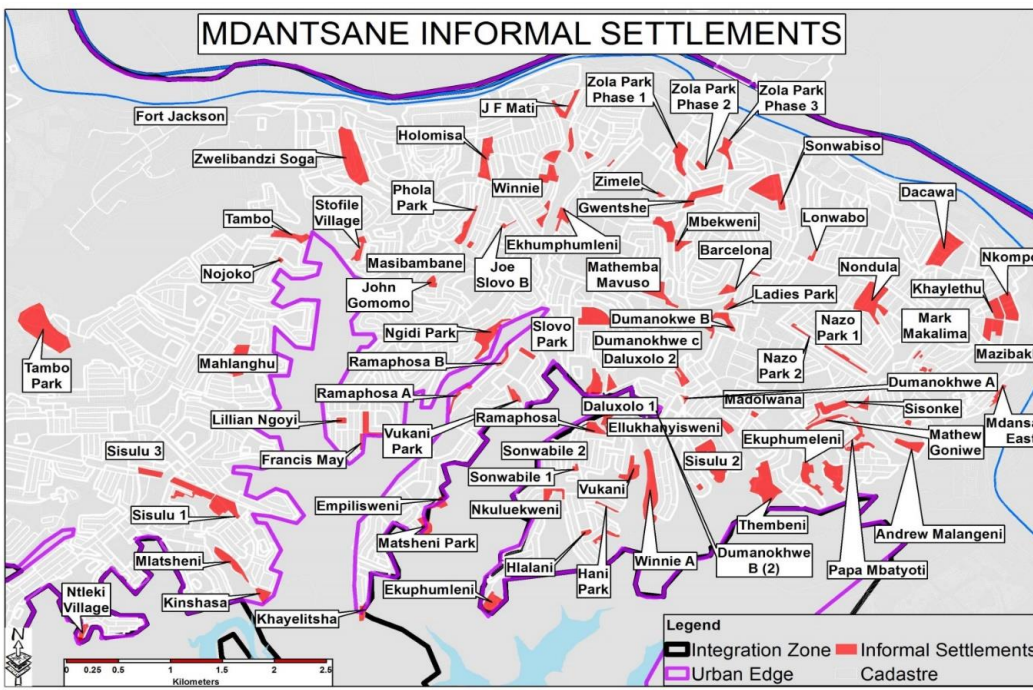


Figure B.8b: Mdantsane Urban Informal Settlements (Source: Informal Settlements Study, 2010)



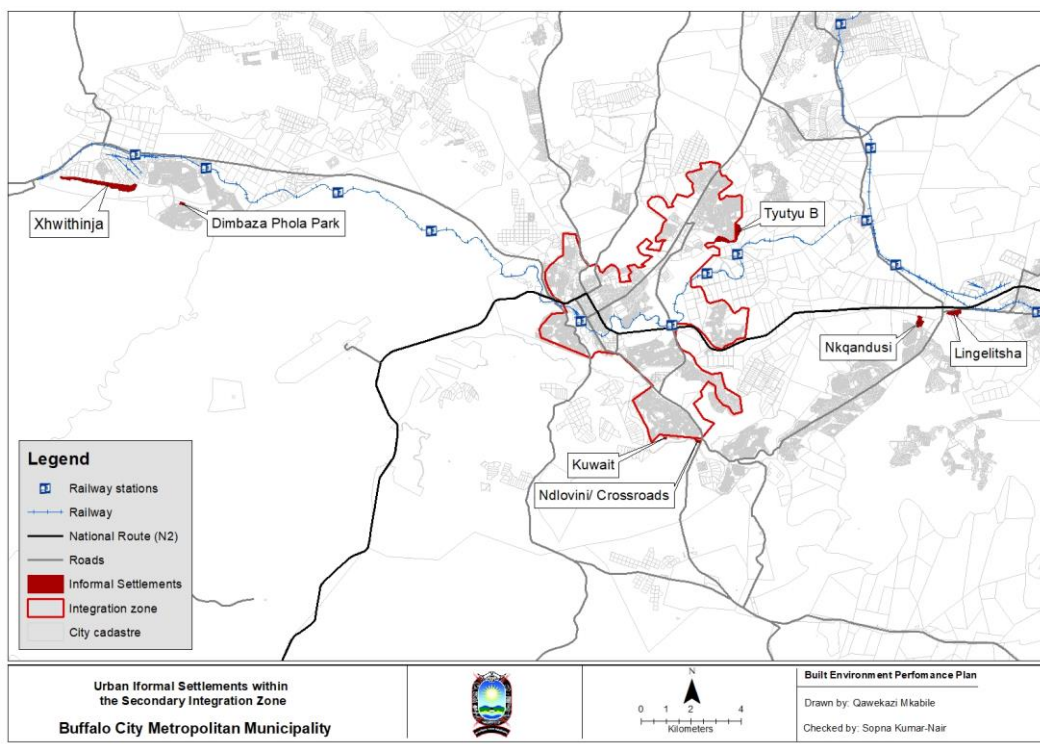


Figure B.8c: Urban Informal Settlements within the Secondary Integration Zone (Source: Adapted from the Informal Settlements Study, 2010)

### B1.3.1 Marginalized Areas within the Primary Integration Zone

It is noted that all marginalised areas require public intervention in order to bridge the developmental gap in these areas. Through transversal engagement both within the municipality and with provincial and national spheres it is required that resources are aligned in order to impact on quality of living within marginalised areas.

The following table outlines all existing townships and Informal Settlements / Informal Settlement Upgrade Projects within the Primary Integration Zone. These include ongoing projects as well as previously completed upgrade projects.

| Townships                   | Informal Settlements  |
|-----------------------------|---|
| Mdantsane, Potsdam, Reeston | Zola Park 1,2,3; Sonwabiso; JF Mati; Holomisa; Winnie; Zimele; Gwentshe; Mbekweni; Barcelona; Lonwabo; Dacawa; Nkompo; Khaylethu; Nondula; Ladies Park; Nazo Park 1,2; Mark Makalima; Mazhibakh; Mdanstsane East; Mathew Goniwe; Sisonke; Dumanokhwe A; Andrew Malangeni; Papa Mbatyoti; Thembeni; Dumanokhwe B(2); Winnie A; Sisulu 2; Ekhumeleni; Madolwana; Elukhanyisweni; Daloxolo; Dumanokhwe B, C; Vukani; Hani Park; Sonwabile 1 & 2; Nkululekweni; Hlanlani; Ekuphumeleni; Empilisweni; Ramaposa; Ramaposa A, B; Vukani Park; Joe Slovo B; Slovo Park; Phola Park; Masibambane; John Gomomo; Stofile Village; Tambo; Zwelibandzi Soga; Nojoko; Mahlangu; Lillian Ngoyi; Tambo Park; Sisulu 1,3; Mlatsheni; Kinshasa; Khalelitsha; Ntleki Village; Tambo Park |

|   |  |
|---|--|
| West Bank   | Orange Grove; Fort Grey; Bongweni; East London Harbour; West Bank Golf Course;   |
| MELD Corridor Central: Amalinda; Braelyn; Scenery Park; Second Creek; Bonanza | Cambridge Location; Amalinda Forest; Phalo Park; Manto; Etipini; Abbotsford Quarry; Manto; Phalo Park; Eskom; Jeevon; Joe Slovo; Ekhupumeleni; Ekuthuleni; Nobetere; Olympic Avenue; Buffalo Flats; Alphendale; Airport; Raymond Mhlaba; Ndcama; |
| Duncan Village  | Duncan Village Proper; C Section; Parkridge; Eluxolweni; B-Hostel; Ford & Msimango; Diphini; Geseni; Belebele  |
| Other   | Nompumelelo; Mzamomhle   |

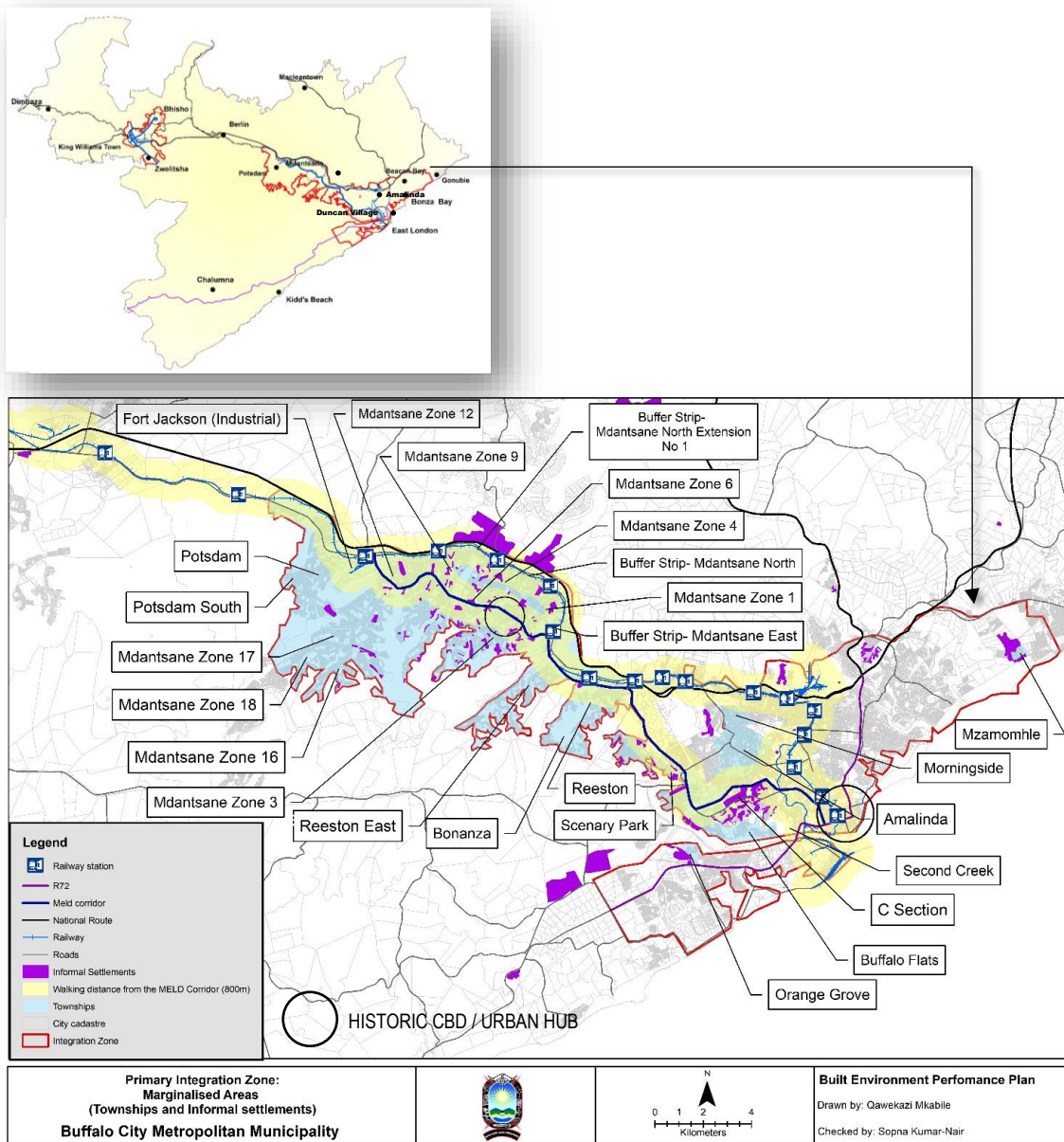


Figure B.9: Townships and Informal Settlements within the Primary Integration Zone (Source: BCMM BEPP 2019-20)



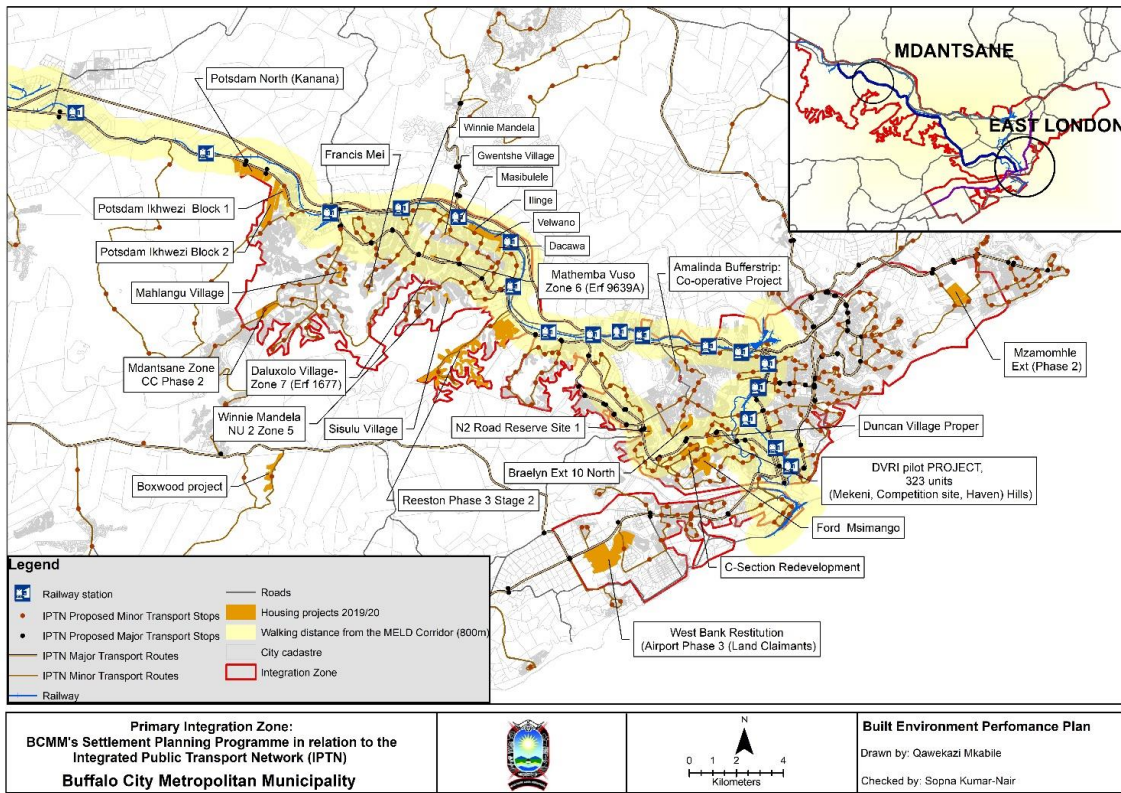


Figure B.10: Primary Integration Zone: BCMM's Settlement Planning Programme in relation to the IPTN  
(Source: BCMM BEPP 2020-21)

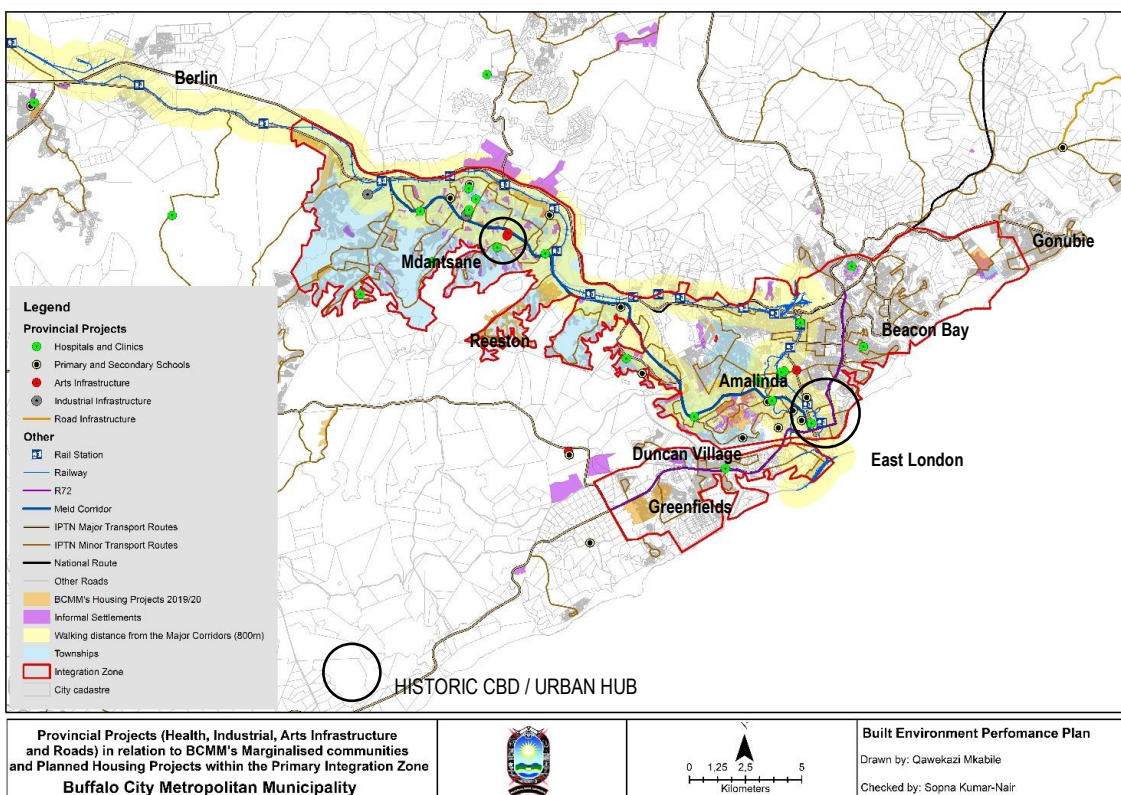


Figure B.11: Primary Integration Zone: Provincial Projects in relation to BCMM's Settlement Planning Programme  
(Source: BCMM BEPP 2020-21)

### B1.3.2 Marginalized Areas within the Secondary Integration Zone

The following table outlines existing townships and Informal Settlement within the Secondary Integration Zone. Berlin, Dimbaza, Phakamisa and Ndevana are townships within the immediate surrounds of the secondary integration zone.

| Townships                       | Informal Settlements                 |
|---------------------------------|--------------------------------------|
| Ginsberg; Zwelitsha; Breidbach; | Tyutyu; Kuwait; Ndlovini; Crossroads |

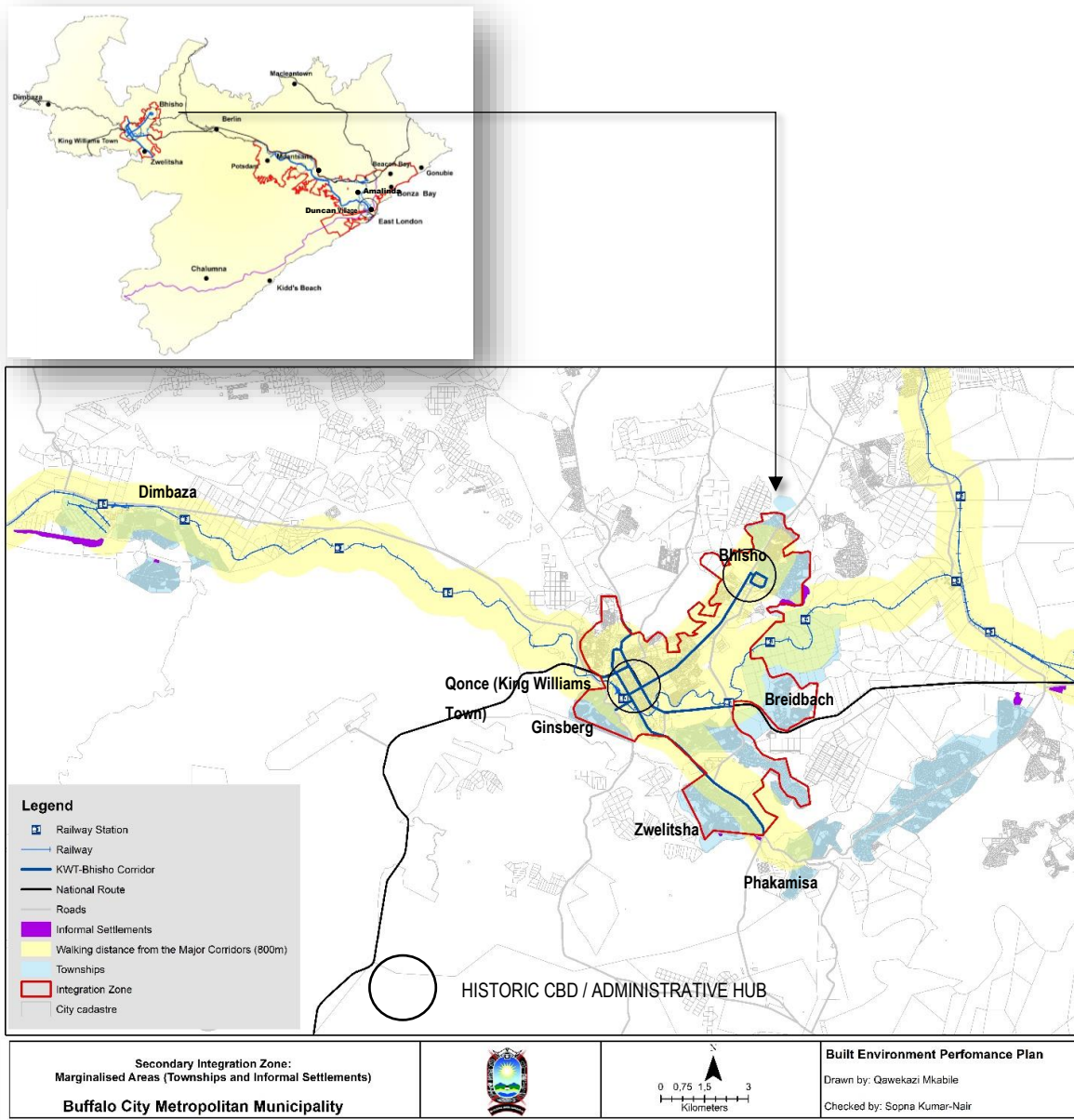


Figure B.12: Marginalised Areas within and surrounding the Secondary Integration Zone (Source: BCMM BEPP 2019-20)



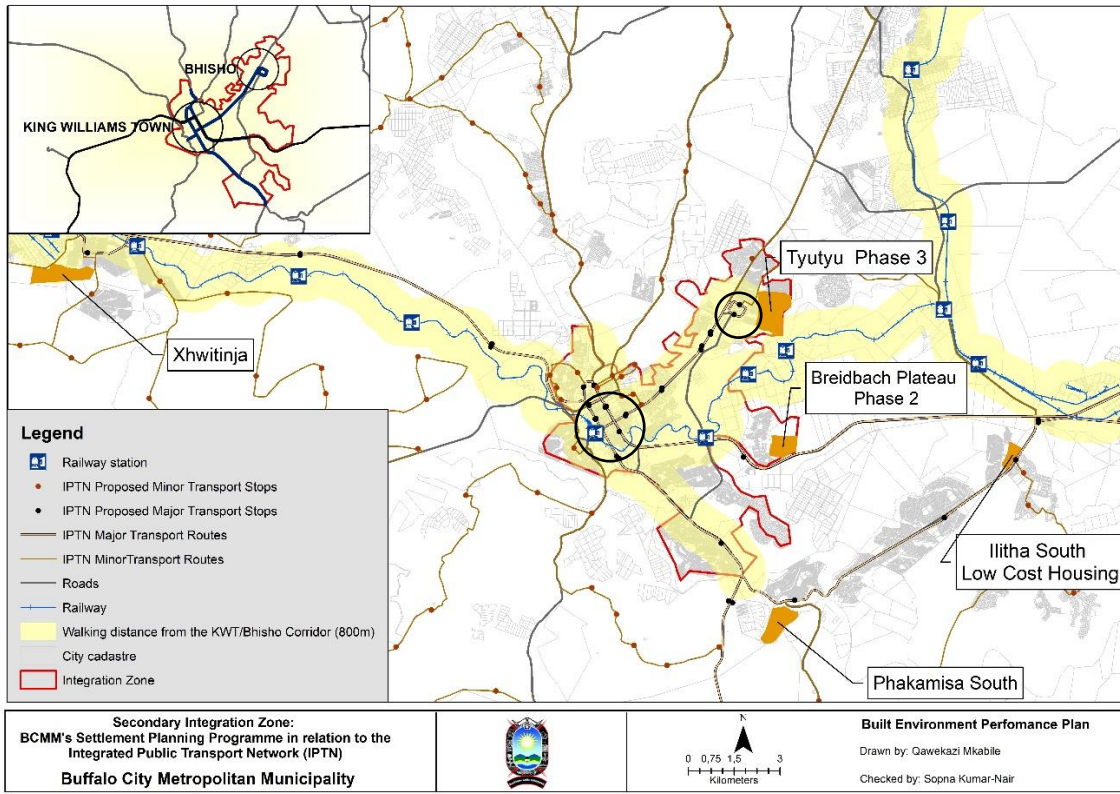


Figure B.13: BCMM's Settlement Planning Programme within the Secondary Integration Zone (Source: BEPP 2019-2020)

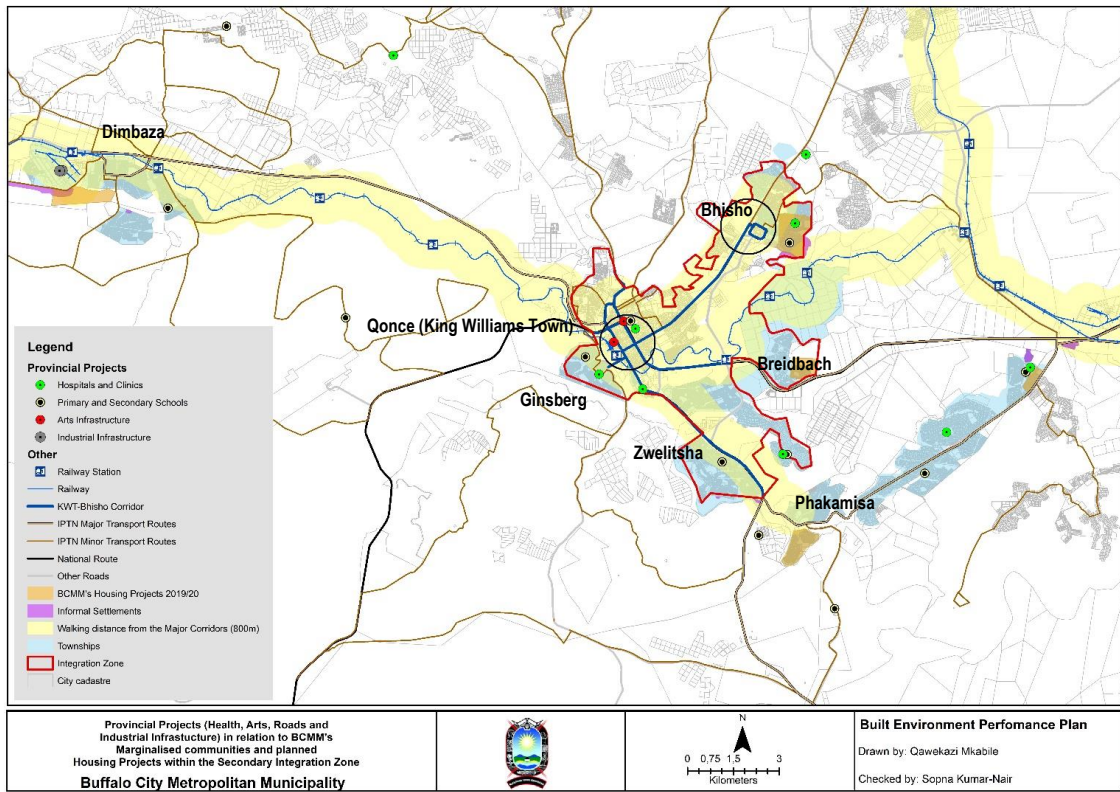


Figure B.14: Secondary Integration Zone: Provincial Projects in relation to BCMM's Settlement Planning Programme (Source: BCMM BEPP 2019-20)

### ***B1.3.3 City wide marginalised rural communities outside the Primary and Secondary Integration Zones***

| <b>Rural Townships / Villages</b>  | <b>Informal Settlements</b> |
|--|-----------------------------|
| Potsdam Village Phase 1 & 2  | Lingelitsha                 |
| Tsholomnqa (Coastal Disaster Project)  | Nkqandusi                   |
| Needscamp  | Dimbaza/Phola Park          |
| Ducats   | Xhwithinia                  |
| Dongwe   | Ilitha North – 177 Units P5 |
| Macleantown  |                             |
| Lilyvale   |                             |
| Tshabo 1 & 2   |                             |
| Potsdam Khayelitsha  |                             |
| Peelton Cluster (Majali, Mdange, Kwatrain, Nkqonqweni, Drayini & Esixekweni) |                             |
| Hanover  |                             |
| Skobeni  |                             |
| Sweetwater's Phase 1   |                             |
| Sweetwater's Phase 2   |                             |
| Dimbaza South  |                             |
| Dimbaza Phase 2  |                             |
| Boxwood  |                             |

### ***B1.3.4 Prioritised Projects from the National Department of Human Settlements***

The National Department of Human Settlements (NDoHS) through the National Upgrading Support Program (NUSP) made funds available to municipalities, including BCMM, to develop an Informal Settlement Upgrading Policy and Strategy and to complete development plans for the in-situ upgrading of identified informal settlements. NUSP Round 1 in BCMM covered 32 identified informal settlements and through public participation from the affected communities, 32 development plans for the in-situ upgrading were developed. BCMM Informal Settlement Upgrading Policy and Strategy was also developed. Council approved both the Informal Settlement Upgrading Policy and Strategy and Development plans on the 25th of November 2015. Implementation of the approved development plans has however been a challenge due to departments indicating that the development plans are not in line with their requirements in order to implement. Below is the list of informal settlements included in NUSP Round 1.

| NUSP Round 1 Informal Settlements |                                  | No. of Informal Structures |
|-----------------------------------|----------------------------------|----------------------------|
| 1.                                | Amalinda Forest                  | 1184                       |
| 2.                                | Andrew Mlangeni                  | 89                         |
| 3.                                | Barcelona                        | 37                         |
| 4.                                | Bisho-Tyutyu                     | 465                        |
| 5.                                | Cambridge Location               | 1341                       |
| 6.                                | Dimbaza South ext. 3 Phola Park  | 35                         |
| 7.                                | Duncan Village -Gesini           | 185                        |
| 8.                                | Duncan Village – New Rest        | 250                        |
| 9.                                | Eluxolweni                       | 701                        |
| 10.                               | Holomisa                         | 120                        |
| 11.                               | Reeston- Jevon                   | 115                        |
| 12.                               | Zwelitsha- Ndlovini / Crossroads | 65                         |
| 13.                               | Ladies Park                      | 41                         |
| 14.                               | Lonwabo                          | 31                         |
| 15.                               | Mahlangu                         | 214                        |
| 16.                               | Mbekweni                         | 53                         |
| 17.                               | Mdantsane- Dacawa                | 253                        |
| 18.                               | Mdantsane – Daluxolo 1           | 111                        |
| 19.                               | Mdantsane - Khaylethu            | 150                        |
| 20.                               | Mdantsane – Mark Makalima        | 40                         |
| 21.                               | Mdantsane - Masibambane          | 35                         |
| 22.                               | Mdantsane - Nkomponi             | 172                        |
| 23.                               | Mdantsane – Phola Park           | 150                        |
| 24.                               | Mdantsane – Slovo Park           | 280                        |
| 25.                               | Mdantsane – Stofile Village      | 75                         |
| 26.                               | Scenery Park - Airport           | 39                         |
| 27.                               | Scenery Park - Eskom             | 79                         |
| 28.                               | Scenery Park - Ekuphumleni       | 98                         |

|     |                           |             |
|-----|---------------------------|-------------|
| 29. | Scenery Park - Manto      | 96          |
| 30. | Scenery Park – Phola Park | 209         |
| 31. | Winnie                    | 164         |
| 32. | Zola Park 1,2 and 3       | 97          |
|     | <b>TOTAL</b>              | <b>6974</b> |

Source: BCMM Human Settlements Directorate

A second round of projects were further identified for upgrade as part of the NUSP. As in the case with NUSP Round 1, National Department of Human Settlements appointed a service provider to prepare development plans to upgrade the additional informal settlements. Below is the list of informal settlements included in NUSP Round 2.

| NUSP Round 2 Informal Settlements |                             | Ownership / Property description   | No. of units | Est. Population 2008 |
|-----------------------------------|-----------------------------|--|--------------|----------------------|
| 1.                                | Diphini - Duncan Village    | Erf 34876; RE/32680  | 816          | 3100                 |
| 2.                                | Bebelele - Duncan Village   | To be confirmed  | 1028         | 3906                 |
| 3.                                | Nondula - Mdantsane         | Erf 3053 - 3056; 3099; 3100; 3098  | 445          | 1691                 |
| 4.                                | Nazo Park 1 & 2 - Mdantsane | (To be confirmed) - Erf 3046   | 33           | 125                  |
| 5.                                | Gwentshe - Mdantsane        | (BCMM) - Erf 9626  | 28           | 106                  |
| 6.                                | Ekhupumleni 2 - Mdantsane   | (BCMM) - Erf 3394  | 53           | 201                  |
| 7.                                | Ramaphosa A - Mdantsane     | (To be confirmed) - Erf 1369; 1394   | 60           | 148                  |
| 8.                                | Ramaphosa B - Mdantsane     | (To be verified)   | 90           | 342                  |
| 9.                                | Ramaphosa - Mdantsane       | POS next to erf 2542 & 2589  | 60           | 228                  |
| 10.                               | Lilian Ngoyi - Mdantsane    | (BCMM) - Rem erf 4976  | 60           | 228                  |
| 11.                               | Mlatsheni – Mdantsane       | (BCMM) - Farm 1404   | 96           | 365                  |
| 12.                               | Masibakhe - Mdantsane       | (BCMM / Private) Erf 9945; 9946; 9941; 921; 10114; 907; 908; 909; 910; 911 | 195          | 741                  |
| 13.                               | Elukhanyisweni - Mdantsane  | (BCMM) - Erf 5102  | 27           | 102                  |
| 14.                               | Zimele - Mdantsane          | (BCMM) - Erf 10446 - 10448; Rem 9614; 10441; 10442                         | 11           | 42                   |
| 15.                               | Mathemba Vuso-Mdantsane     | (BCMM) - Erf 9548; 9637; 9638; 9639  | 180          | 684                  |
| 16.                               | Ekhupumleni - Mdantsane     | (To be verified) - Erf 1107; 1108; 1202                                    | 70           | 266                  |
| 17.                               | JF Mati - Mdantsane         | (BCMM/Private) - Erf 58; 79; 91; 92; 93                                    | 72           | 273                  |



|     |                          |                   |             |              |
|-----|--------------------------|-------------------|-------------|--------------|
| 18  | Duma Nokhwe A -Mdantsane | (BCMM) - Erf 6169 | 20          | 76           |
| 19. | Duma Nokhwe B -Mdantsane | (BCMM) - Erf 6172 | 89          | 338          |
| 20. | Duma Nokhwe C -Mdantsane | To be confirmed   | 54          | 205          |
| 21. | Vukani Park - Mdantsane  | To be confirmed   | 32          | 121          |
|     | <b>TOTAL</b>             |                   | <b>3519</b> | <b>13288</b> |

Source: BCMM Human Settlements Directorate

### ***B1.3.5 BCMM's Prioritised Informal Settlements Programme: ISUPG (Informal Settlement Upgrade Programme Grant)***

BCMM's Prioritised Informal Settlements Upgrade Programme of projects for 2022-23 funded through the ISUPG (ringfenced from the USDG) is outlined in the Table below. These projects are classified in terms of the various NUSP Categories.

**Category A:** Imminent Full Upgrading: Rapid Formalisation, full services.

**Category B1:** Interim basic services: Provision of interim services leading to eventual formalisation.

**Category B2:** Emergency basic services: Provision of emergency basic services BUT leading to eventual relocation.

**Category C:** Rapid relocation to a site which is already available or imminently available

The location of these projects in relation to the Primary and Secondary Integration Zone are shown in maps B.15 and B.16 below.

| 2022/2023 Draft ISUPG Funded Projects |                             |                     |               |               |                  |
|---------------------------------------|-----------------------------|---------------------|---------------|---------------|------------------|
| Settlement Name                       | Project Name                | Est. No. Households | NUSP Category | Project Phase | 2022/2023 Budget |
| Duncan Village                        | Duncan Vill Comp/Site       | 131                 | A & C         | Phase 3       | R 1 000 000      |
| Duncan Village                        | Duncan Village Proper       | 731                 | A & C         | Phase 3       | R 1 000 000      |
| Duncan Village                        | D Hostel                    | 356                 | A & C         | Phase 3       | R 15 000 000     |
| Duncan Village                        | C Section & Triangular Site | 1493                | A & C         | Phase 3       | R 2 000 000      |
| Duncan Village                        | Ford Msimango               | 199                 | A & C         | Phase 3       | R 500 000        |
| Duncan Village                        | N2 Road Reserve             | 353                 | A & C         | Phase 2       | R 1 000 000      |

|                       |                                  |     |         |         |              |
|-----------------------|----------------------------------|-----|---------|---------|--------------|
| Tyutyu                | Tyutyu Phase 3                   | 150 | A       | Phase 3 | R 5 085 000  |
| Braelyn Extension 10  | Braelyn Ext 10                   | 566 | A       | Phase 2 | R 2 000 000  |
| Mdantsane Infill      | Hlalani                          | 29  | A       | Phase 2 | R 5 000 000  |
| Mdantsane Infill      | Phola Park                       | 36  | A       | Phase 3 | R 5 000 000  |
| Ilitha Township       | Ilitha Sportsfield               | 177 | A       | Phase 3 | R 5 000 000  |
| Mdantsane Infill      | Empilisweni                      | 26  | A       | Phase 2 | R 5 000 000  |
| Mdantsane Infill      | Matsheni Park                    | 51  | A       | Phase 3 | R 5 000 000  |
| Mdantsane Infill      | Khayelitsha                      | 67  | A       | Phase 3 | R 5 000 000  |
| Mdantsane             | Slovo Park                       | 150 | B1      | Phase 2 | R 1 000 000  |
| Scenery Park          | Ekuphumleni                      | 30  | A       | Phase 3 | R 1 000 000  |
| Mdantsane Infill      | Ethembeni                        | 150 | B2      | Phase 2 | R 1 000 000  |
| Phakamisa             | Phakamisa South                  | 950 | A       | Phase 3 |              |
| Kwatshatshu           | Kwatshatshu                      |     |         |         | R 5 000 000  |
| Ginsberg              | Ginsberg                         |     |         |         | R 5 000 000  |
| East Bank Restitution | East Bank                        |     |         |         | R 5 000 000  |
| Cambridge             | CNIP Victims                     |     |         |         | R 30 000 000 |
| Hemmingways           | Hemmingways informal settlements |     |         |         | R 1 000 000  |
| Silvertown            | Silvertown                       |     |         |         | R 1 000 000  |
| Berlin                | Berlin Lingelitsha               | 119 | A       | Phase 3 | R 5 000 000  |
| Francis- Mei          | Mdantsane Infill - Cluster 2     | 70  | A       | Phase 3 | R 19 000 000 |
| Mahlangu              | Mdantsane Infill - Cluster 2     | 123 | A And C | Phase 2 |              |
| Mathemba Vuso         | Mdantsane Infill - Cluster 2     | 75  | A       | Phase 3 |              |
| Sisulu                | Mdantsane Infill - Cluster 2     | 154 | A       | Phase 3 |              |
| Daluxolo              | Mdantsane Infill - Cluster 2     | 88  | A       | Phase 3 |              |
| Hani Park             | Mdantsane Infill - Cluster 2     | 105 | A       | Phase 3 |              |

|                |                              |     |   |         |              |
|----------------|------------------------------|-----|---|---------|--------------|
| Winnie Mandela | Mdantsane Infill - Cluster 2 | 300 | A | Phase 3 |              |
| Masibulele     | Mdantsane Infill - Cluster 1 | 165 | A | Phase 3 | R 15 000 000 |
| Ilinge         | Mdantsane Infill - Cluster 1 | 620 | A | Phase 3 |              |
| Velwano        | Mdantsane Infill - Cluster 1 | 380 | A | Phase 3 |              |
| Dacawa         | Mdantsane Infill - Cluster 1 | 315 | A | Phase 3 |              |
| Potsdam        | Potsdam Ikhwezi Block 2      | 842 | A | Phase 2 | R 1 800 000  |
| Potsdam        | Potsdam North Kanana         | 868 | A | Phase 3 | R 9 999 750  |

Source: BCMM Human Settlements Directorate (2022)

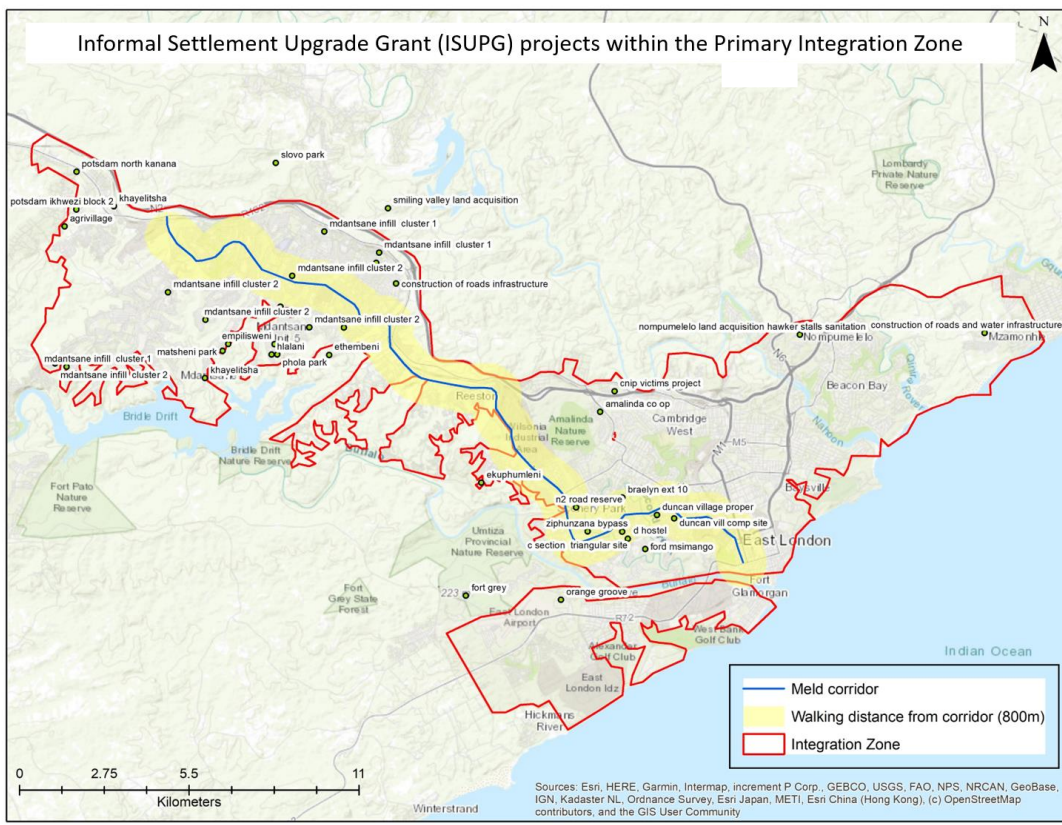


Figure B.15: 2021-22 ISUPG projects in relation to BCMM's Primary Integration Zone (Source: BCMM BEPP 2022-23)

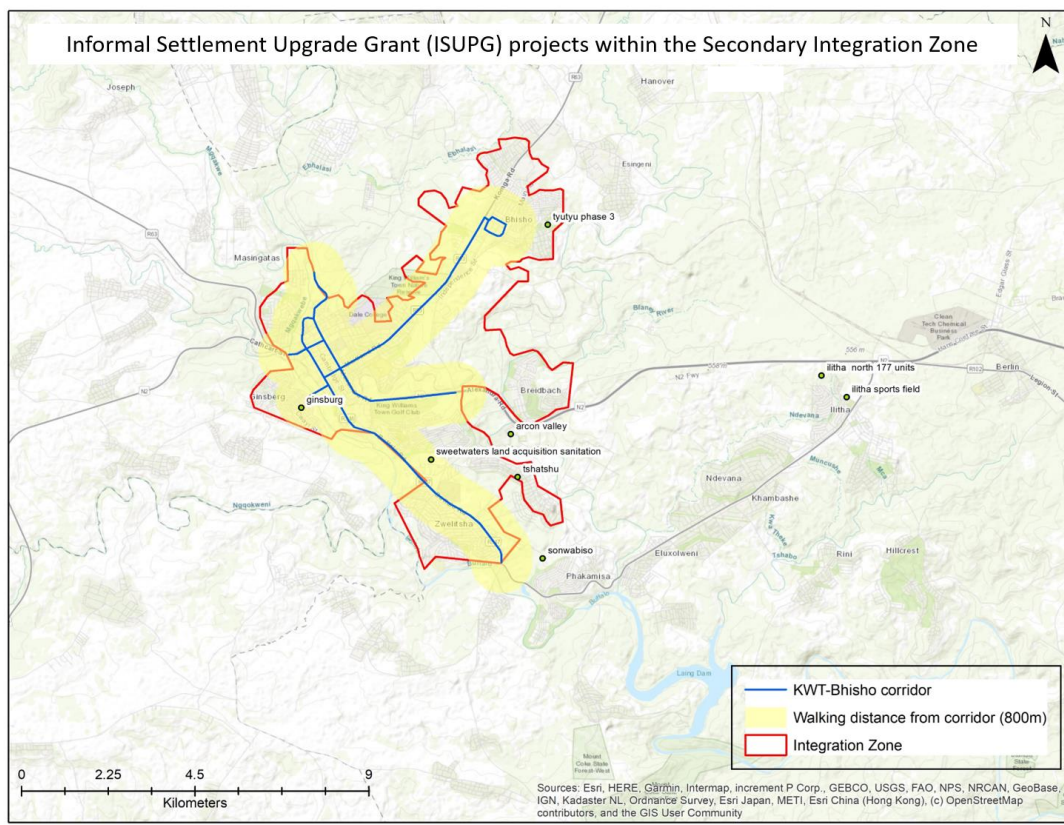


Figure B.16: 2021-22 ISUPG projects in relation to BCMM's Secondary Integration Zone (Source: BCMM Draft BEPP 2022-23)

### Risks associated with Human Settlement upgrade programmes and projects:

| Risk  | Possible Action   |
|---|---|
| <ul style="list-style-type: none"> <li>Delays signed agreements with province.</li> </ul>   | <ul style="list-style-type: none"> <li>Adherence to procedures.</li> <li>Proper monitoring of the procedures.</li> <li>Interdepartmental coordination.</li> </ul> |
| <ul style="list-style-type: none"> <li>BCMM owned land unavailability for housing development.</li> </ul>   | <ul style="list-style-type: none"> <li>Engagement of intergovernmental stake holders to discuss possible land acquisition.</li> </ul>                             |
| <ul style="list-style-type: none"> <li>Vandalism</li> <li>Forced occupation.</li> <li>Challenges in beneficiary registration.</li> </ul>  | <ul style="list-style-type: none"> <li>Re-establishment of beneficiary allocation committee.</li> </ul>   |
| <ul style="list-style-type: none"> <li>Internal services and internal connections and top structures at different levels of planning (USDG and HSDG not always aligned).</li> </ul> | <ul style="list-style-type: none"> <li>Align the implementation of the USDG and HSDG projects</li> </ul>  |
| <ul style="list-style-type: none"> <li>Integrated planning for human settlements to provide for social amenities.</li> </ul>  | <ul style="list-style-type: none"> <li>Engage different stakeholders at the conceptual and planning stages of the human settlement projects.</li> </ul>           |
| <ul style="list-style-type: none"> <li>Possible litigations.</li> </ul>   |   |
| <ul style="list-style-type: none"> <li>Incapacity of service providers.</li> </ul>  | <ul style="list-style-type: none"> <li>Due diligence of service providers.</li> </ul>   |



|   |  |
|---|--|
| <ul style="list-style-type: none"> <li>• Land acquisition and release.</li> <li>• Land owned by Ciskei government: release is recommended by council and approved by COGTA.</li> <li>• RSA: Land is approved by council.</li> </ul> |  |
| <ul style="list-style-type: none"> <li>• Non-adherence to EPWP processes.</li> </ul>  |  |

### B1.4 Infrastructure Planning in relation to the Primary and Secondary Integration Zones

The following mapping reflects the city’s key infrastructure planning programmes and projects in in relation to the Primary and Secondary Integration Zones. These bulk electricity, water and sewer projects assist in addressing existing infrastructure backlogs in the city as well as in catering to and unlocking new development within the city’s catalytic land development programmes areas. Further details of these projects and the resourcing thereof is covered in Sections C and D of this document. The mapping seeks to demonstrate the city-wide alignment of infrastructure projects in relation to existing human settlement programmes as well as in relation to the public transport corridors.

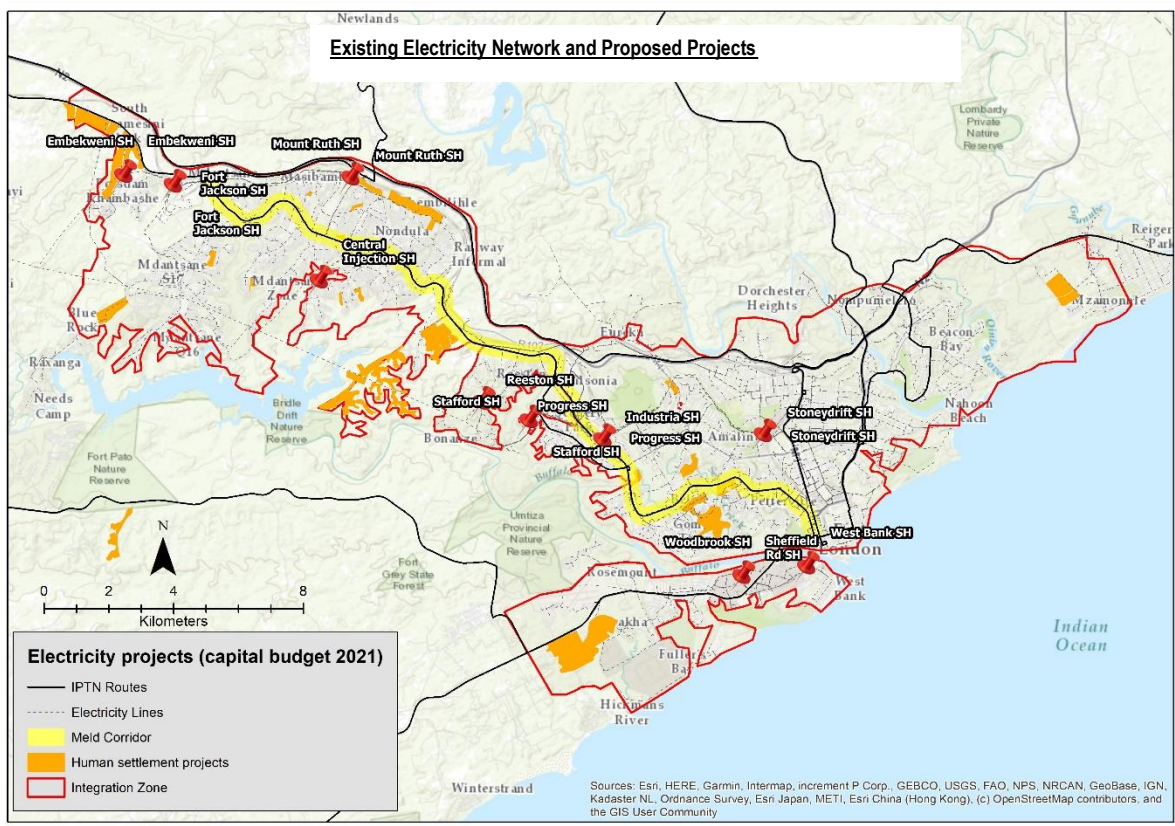


Figure B.17: Electricity projects in relation to BCMM's Primary Integration Zone (Source: Electricity Department)

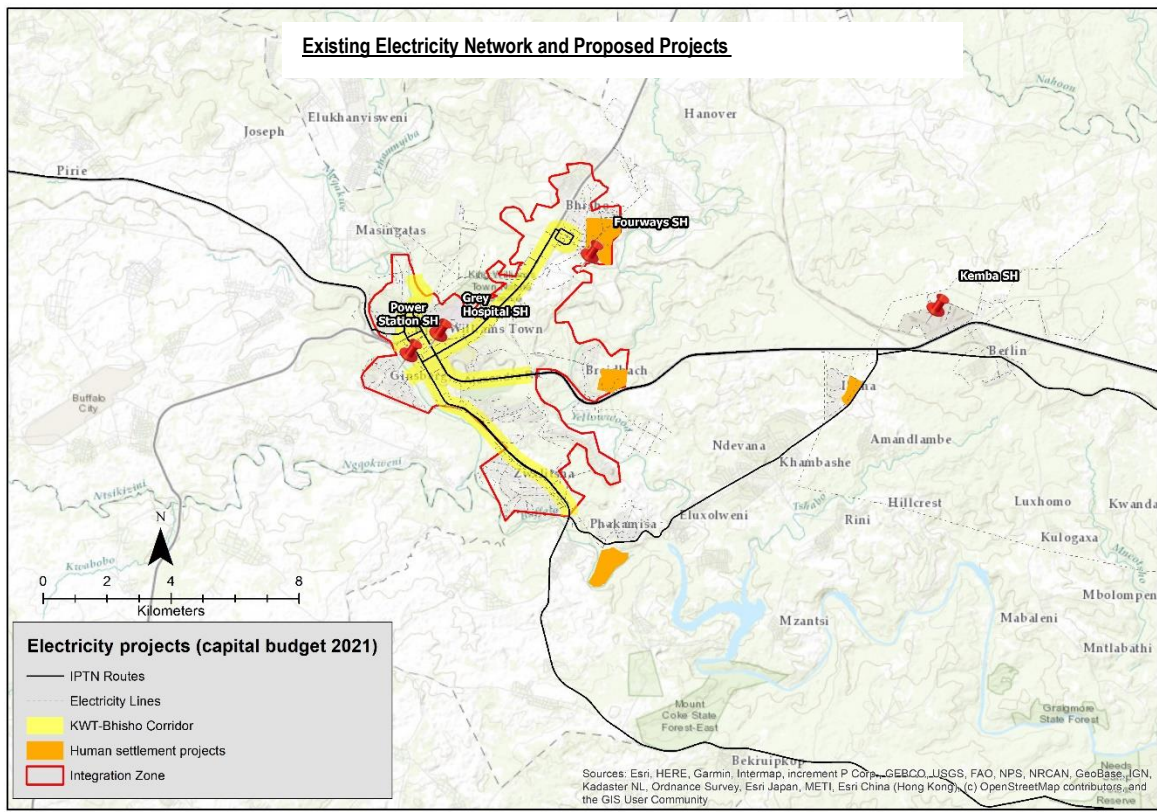


Figure B.18: Electricity projects in relation to BCMM's Secondary Integration Zone (Source: BCMM Electricity Department)

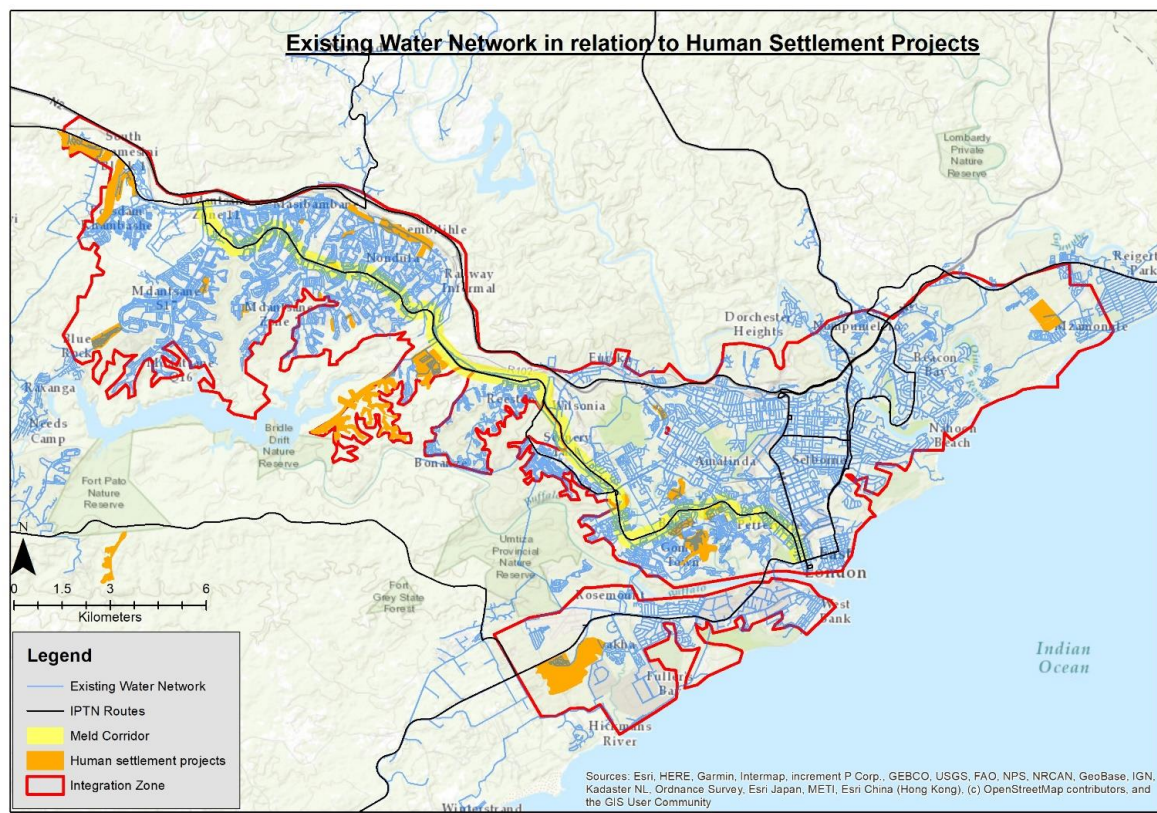


Figure B.19: Existing water network in relation to BCMM's Primary Integration Zone (Source: BCMM Water and Sanitation Department)



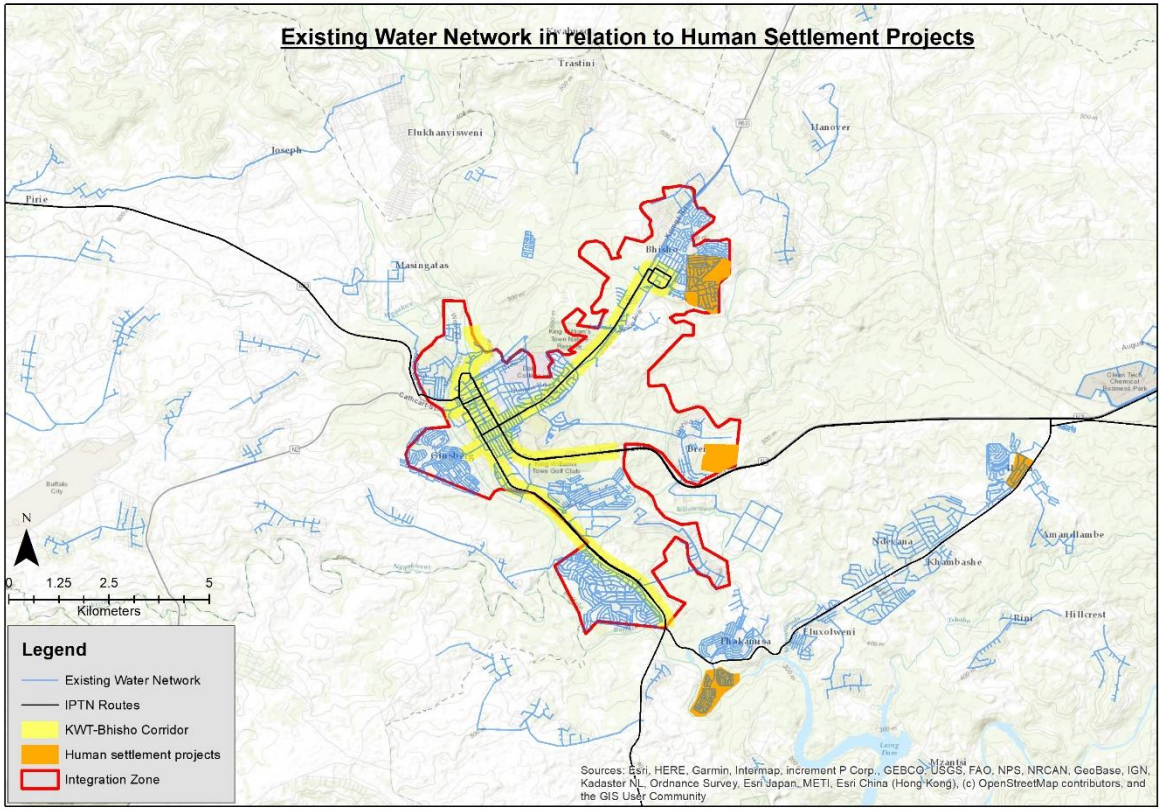


Figure B.20: 2020-21 Existing water network in relation to BCMM's Secondary Integration Zone (Source: BCMM Water and Sanitation Department)

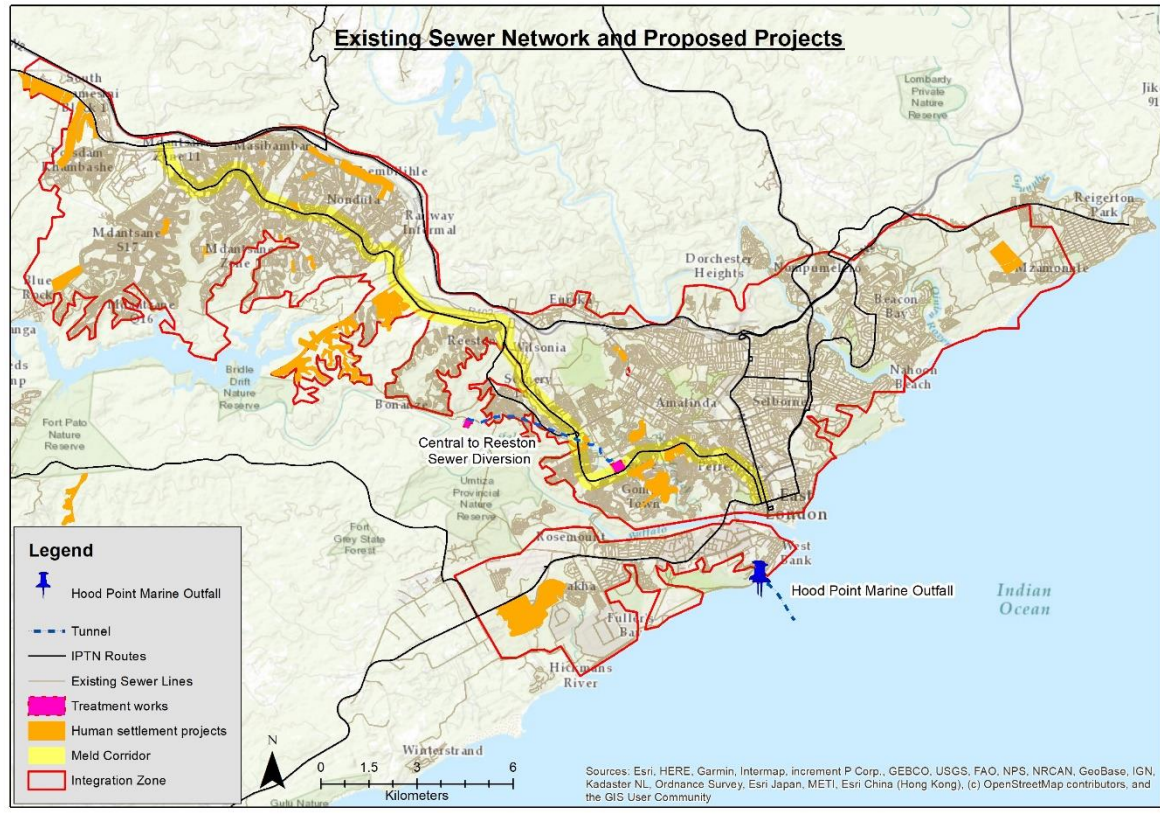


Figure B.21: Sanitation projects in relation to BCMM's Primary Integration Zone (Source: BCMM Water and Sanitation Department)



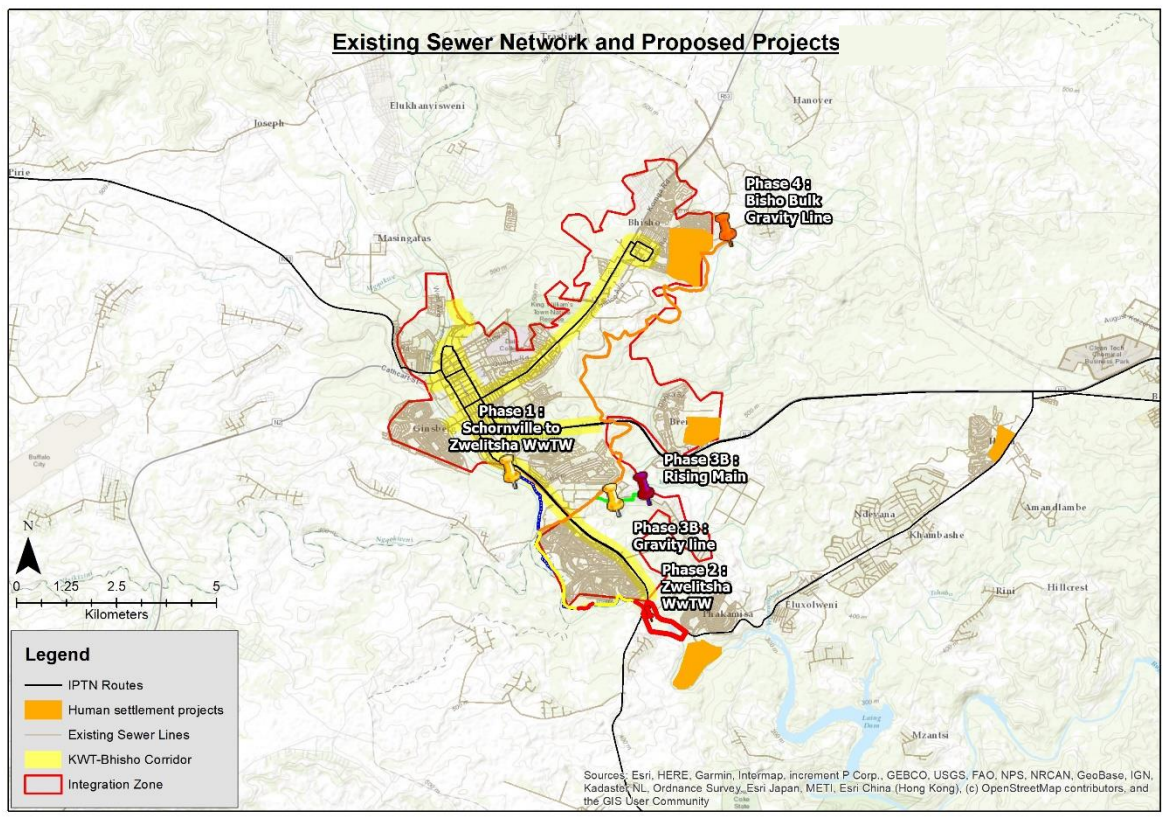


Figure B.22: Sanitation projects in relation to BCMM's Secondary Integration Zone (Source: BCMM Water and Sanitation Department)

## B1.5 Economic Nodes

Economic nodes are seen as vital to the functioning and performance of the urban spatial economy as well as for maintaining sustainable livelihoods. Economic nodes should accordingly be identified and prioritised. (NT Guidance Note, 2017). The City is currently busy with assembling **incentive schemes to promote private sector investment** within strategic economic nodes as well as within its catalytic programmes and strategic city-wide initiatives.

### ***B1.5.1 Economic Nodes / Employment Centres within the Primary Integration Zone***

The Table below classifies all key economic nodes within the city into three categories: established nodes, emerging nodes and declining nodes. Spatial targeting implies that all economic nodes which fall within corridors of accessibility in close proximity to marginalised areas need to be prioritised and promoted for consolidation.

The Port, the Mercedes Benz South Africa complex, the ELIDZ and Airport together form a strategic corridor of investment which drives the economy of East London. As such it is an area of focus which was introduced through the 2019-20 BEPP as a catalytic programme for further consolidation.



| Established Nodes / Employment Centres       | Emerging Nodes             | Declining Nodes    |
|--|----------------------------|--------------------|
| <b>CBD's</b>                                 |                            |                    |
| East London CBD                              | Mdantsane CBD              |                    |
| <b>COMMERCIAL NODES</b>                      |                            |                    |
| Vincent Berea Node                           | Quenera/N2                 |                    |
| Nahoon – Old Transkei Road                   | Mount Ruth Station/N2      |                    |
| Nahoon – Beach Road                          | Arnoldton Station/R102     |                    |
| Beacon Bay/N2                                | Brakfontein/N2             |                    |
| Cambridge – Queen Street node                | Amalinda Junction/R102     |                    |
| Amalinda Main Road                           |                            |                    |
| Queen Street Cambridge                       |                            |                    |
| <b>MINOR MIXED LAND USE NODES (EXISTING)</b> |                            |                    |
| Bonza Bay Road/Spargs                        | Mdantsane - Golden Highway |                    |
| Abbotsford                                   | Duncan Village - Ndende    |                    |
|  | Cove Ridge/R72             |                    |
| <b>INDUSTRIAL</b>                            |                            |                    |
| Wilsonia 213ha                               |                            | Da Gama 106ha      |
| Arcadia 46ha                                 |                            | Fort Jackson 104ha |
| Braelynn/North End 39ha                      |                            |                    |
| West Bank 197ha                              |                            |                    |
| East London IDZ 242ha                        |                            |                    |
| Chiselhurst 10ha                             |                            |                    |
| Cambridge 6ha                                |                            |                    |
| Beacon Bay 6ha                               |                            |                    |
| Meisies Halt 36 ha                           |                            |                    |

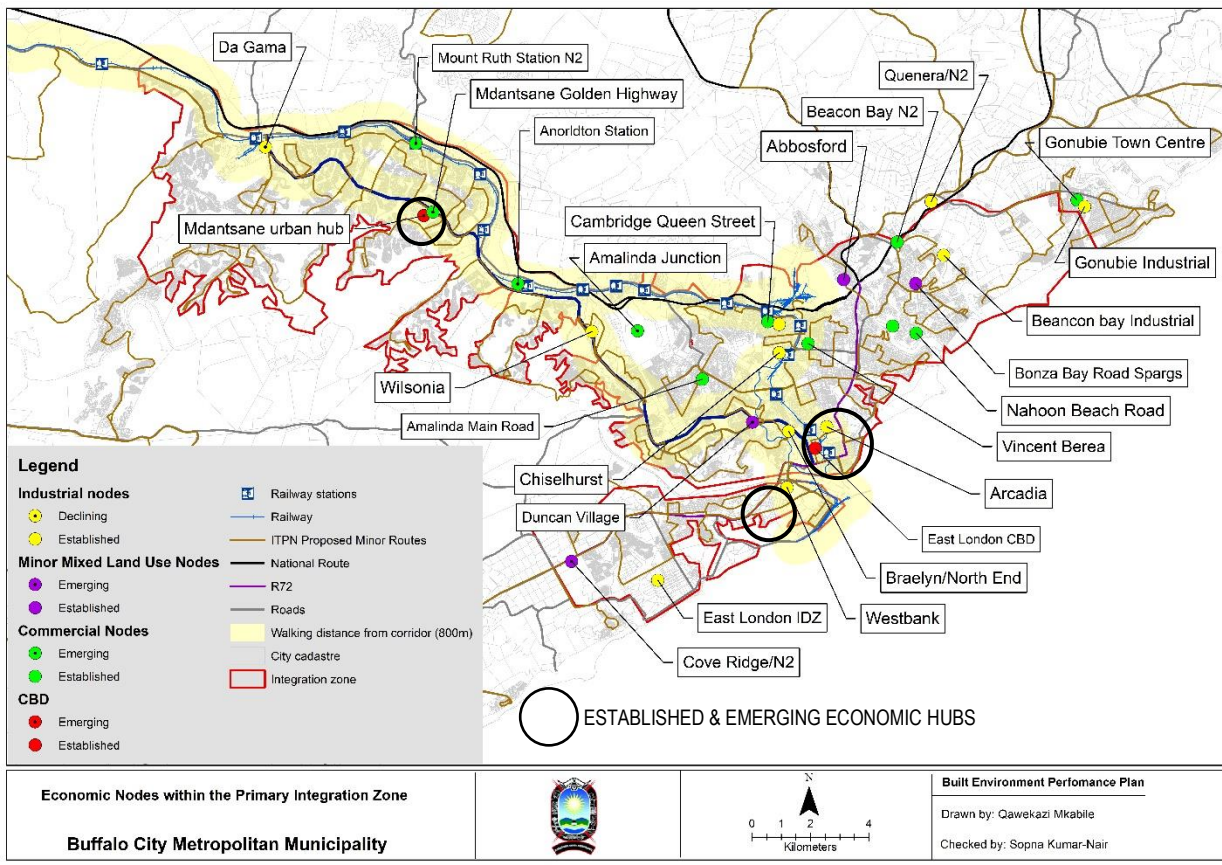


Figure B.23: Economic Nodes within the Primary Integration Zone (Source: BCMM BEPP 2019-20)

## West Bank Industrial Cluster

The main industrial areas on the West Bank are Gately; Woodbrook and the IDZ.

Mercedes Benz South Africa (MBSA) which is located in Gately and is BCMM's largest employer. MBSA has made a major contribution to industrial property take-up in East London and continues to underpin demand for companies supplying MBSA.

The East London IDZ comprises some 1,500 ha of land, which is divided into five development zones, located between the R72 and the Indian Ocean. The ELIDZ is located on Buffalo City's West Bank adjacent to the port of East London and the East London Airport. The East London Industrial Development Zone (Pty) Ltd markets and manages the industrial land within the IDZ. The IDZ has a number of functional zones that have been created offering different marketing potentials.

The East London Industrial Development Zone established a **Science and Technology Park (STP)**. It is an innovation hub aimed at speeding up the pace of economic development in the Eastern Cape by increasing the competitiveness, efficiency and effectiveness of local industry. The ELIDZ STP is the only park of its kind in the country which is linked to an IDZ and was conceived as a catalyst for growth, collaboration.

The East London Industrial Development Zone will offer significant development potential in the medium term, which would create opportunities for the development of urban settlement extensions in that part of the East London city area (West Bank).

**Current initiatives and projects of the ELIDZ include:**

| Project name                               | Project description  | Budget allocations  | Budget Source   | Phase of project   |
|--|--|---|---|--|
| IOX International Sea Cable / Meet me Room | Landing of an international sea cable  | R63m for meet-me-room phase 1   | Provincial Treasury/DTI   | Advanced   |
| KGI Holdings                               | BPO Facility of 300 seats then a move to 3000 seats (9000 jobs)  | Budget currently awaited from the DTI.  | DTI   | Advanced. Pilot already running. Phase 2 to commence as soon as funding is secured. Will create 900 jobs and there is a need for BCMM assistance with transport, housing, schooling. |
| SMME Factory Units                         | Factory units for the SMME sector  | Application with the DTI lodged but outcome currently unknown.                                  | DTI   | Application submitted.   |
| Multi-Purpose ICT Hub                      | A multi-purpose facility for the 3000-seater BPO facility, a 1000-seater disaster recovery center and an ICT academy                             | R701m is the funding requirement but it has not yet been sourced.                               | Funders not yet approached.   | Concept and feasibility concluded.   |
| Clari-Cluster                              | Part of the Factory Units project with the need for 5 SMME's to be created to support raw material supply and off-take from Clariter's processes | No funding secured yet, but application is in with the DTI.                                     | DTI   | Application submitted.   |
| Energy Manufacturing Cluster               | Another entity to be located in the Factory Units project.   | Application to DTI submitted and DTI have already funded the cluster via their cluster program. | DTI funded the cluster and now a request has been submitted for them to fund the Factory Units. | Pilot already established and cluster is operational. The ELIDZ now needs a facility to house the cluster in the zone itself.  |
| Smart Park/City Program                    | Conversion of the ELIDZ into a Smart Industrial Park with the potential to   | Concept prepared and the ELIDZ is currently seeking budget                                      | USTDA have rejected funding the project but the DBSA and GEF are considering this now.          | Concept complete and fundraising activities have commenced.  |

|  |  |  |     |  |
|--|--|--|-----|--|
|  | roll out services into the city  |  |     |  |
| ELIDZ 50MW Photovoltaic Farm (Zone 1B) | Produce energy to support industry at competitive prices   | TBA  | TBD | The ELIDZ has an intention to release a tender for a 2MW solar PV park to be located in Zone 1B. Upon completion of the EIA and the Power Purchase Agreement (PPA), the tender will be released for a market response. The ELIDZ will purchase energy from the project for a period of time, where the asset will ultimately transfer under ELIDZ ownership at the end of the PPA. |
| Relocate Fort Glamorgan Prison         | Proposed land swop to free land used by Correction Services for Industrial use   | TBA  | TBD | Preliminary investigation complete. Scoping and pre-feasibility studies will require funding estimated at R5 Million   |
| Science and Technology Park            | This project is an IDZ initiative that involves the Science and Technology Park which will serve to link business with local Universities. This project is a key component of the University Town initiative in the MGDS.<br><br>Development of Civil Infrastructure to house WSU - Faculty of Engineering, on the Alexander Golf Course land. | TOT VALUE of project: R325M. No funding secured yet, |     | Stalled due to funding constraint  |
| Aquaculture                            | Land base marine fish farm   | TBA  | TBD | Pilot has been already established and facility equipped.  |

Source: East London IDZ

## **Prioritized Revitalization of Industrial areas**

Most of the Industrial activity in Buffalo City is concentrated on the West Bank; North End; Arcadia; Wilsonia; Berlin and Zwelitsha. Most of the industrial developments in East London are developed in proximity to the main railway system that provides links to outlying areas such as Qonce (King William's Town).

The revitalisation of Industry and Industrial areas especially those located close to marginalised residential areas and which are currently in decline will aid in enhancing livelihood generation and improving the urban economy and hence BCMM's revenue base.

Buffalo City recognises the need to further diversify the local economy especially within the manufacturing sector. This would involve the diversification of markets for manufactured products and services. It is considered important to invest in intellectual capital, creativity and technical capabilities of the labour force through skills development. More private and public investment is required to accelerate the production of all economic sectors.

The institution has identified a number of existing areas which it considers as business development nodes and, as such, areas which it considers as having huge benefits to potential investors. Over and above the West Bank, these areas are; The North End, Wilsonia, Fort Jackson, Berlin, Zwelitsha and Dimbaza. All these areas have existing infrastructure, some of which, with minimal investment in terms of infrastructure upgrades, could yield significant benefits for the local economy and contribute to the local GDP. It further needs to be recognised that these are effectively business nodes which could be developed to be closer to areas of labour resulting in reduced travelling costs for the labour force.

These industrial areas are the backbone of the Buffalo City Metro economy and house some of the major manufacturers and well known international brands such as Mercedes Benz, Nestle, Johnson & Johnson, First National Battery, Summerpride Food (Pineapple processing), Da Gama Textiles, Pro-glove, etc.

### **Other Industrial nodes**

#### ***Inner City Industrial Cluster***

Another industrial cluster is found in the areas that are located off the East London CBD to the North of the CBD; these are Arcadia, North End and Braelynn. The Nestle factory is located in North End and is also a major employer. There are signs of older properties in need of refurbishment and industrial activity typified by light manufacturing and warehousing.

#### ***Wilsonia Industrial Cluster***

Wilsonia and Dawn constitutes this industrial cluster and is located north west of the CBD on the MELD corridor. The Johnson and Johnson factory is situated in Dawn and is also a significant contributor to the local economy. There are Council initiatives to upgrade the area

### ***Mdantsane Industrial cluster***

Fort Jackson remains attractive for industrialists seeking large spaces located in close proximity to a semi-skilled workforce. The node has been earmarked for further investment by the Eastern Cape Development Corporation (ECDC).

A new industrial area situated adjacent to Mount Ruth and the N2 has been identified and is intended to cater for the growing logistics industry in the region.

### ***B1.5.2 Economic Nodes / Employment Centres within the Secondary Integration Zone***

| <b>Established Nodes / Employment Centres</b> | <b>Emerging Nodes</b> | <b>Declining Nodes</b> |
|---|-----------------------|------------------------|
| <b>CBD's</b>                                  |                       |                        |
| Qonce (King Williams Town CBD)                | Zwelitsha Town Centre | None                   |
| <b>Commercial nodes</b>                       |                       |                        |
| Schornville                                   |                       |                        |
| <b>Minor Mixed Land Use Nodes (Existing)</b>  |                       |                        |
| None  |                       |                        |
| <b>Administrative Node</b>                    |                       |                        |
| Bhisho  |                       |                        |

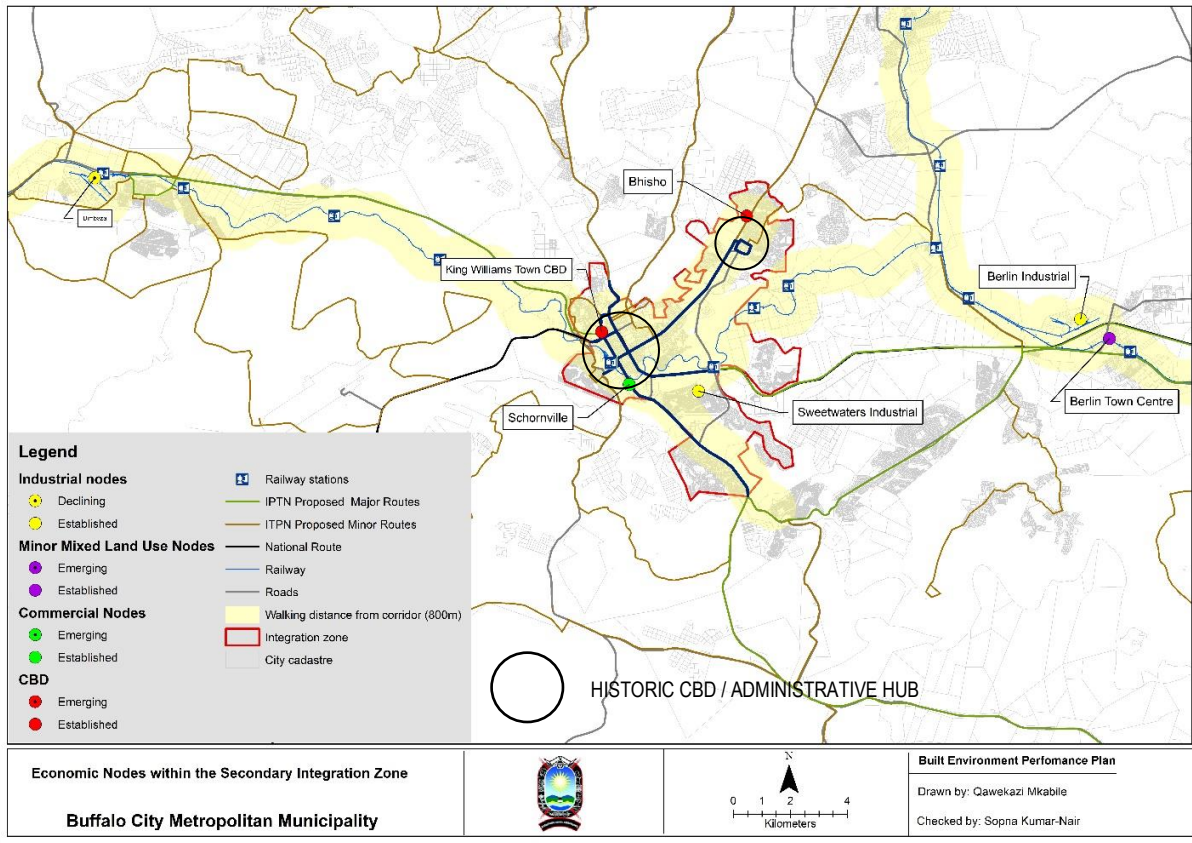


Figure B.24: Economic Nodes within and around the Secondary Integration Zone (Source: BCMM BEPP 2019-20)

In Qonce (King William’s Town), industrial properties are located in close proximity to the station and generally serve the needs of the local market. As alluded to in Section B1.1.3 Industrial areas of Dimbaza and Berlin are located outside the secondary integration zone but in close proximity to the catalytic programme area. The initiatives to upgrade these economic nodes are found in the following section.



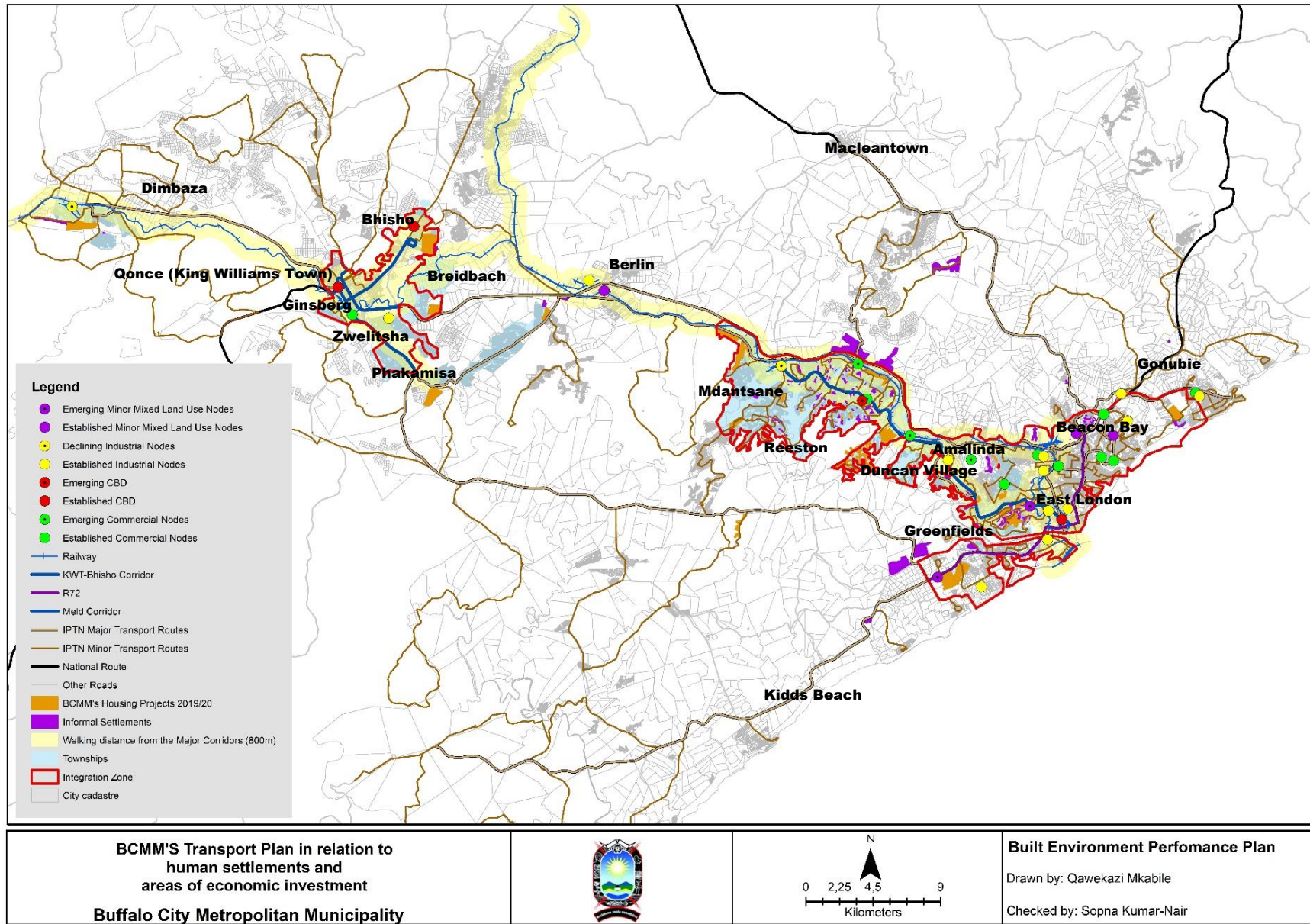


Figure B.25: Consolidated Map showing Marginalised Areas in relation to Public Transport as well as access to Nodes of Employment / Economic Nodes (Source: BCMM BEPP 2019-20)



### ***B1.5.3 Economic Nodes / Employment Centres outside the Integration Zones***

| <b>Established Nodes</b>                     | <b>Emerging Nodes</b> | <b>Declining</b>    |
|--|-----------------------|---------------------|
| <b>Commercial areas</b>                      |                       |                     |
| Gonubie Town Centre                          |                       |                     |
| <b>Minor Mixed Land Use Nodes (Existing)</b> |                       |                     |
| Berlin Town Centre                           |                       | Dimbaza Town Centre |
| Crossways                                    |                       |                     |
| <b>Industrial</b>                            |                       |                     |
| Berlin 150ha                                 |                       |                     |
| Sweetwaters 99ha                             |                       | Dimbaza 144ha       |
| Gonubie 4ha                                  |                       |                     |

### ***Prioritized Economic Nodes outside the Integration Zones***

#### ***Dimbaza Industrial Node***

The Dimbaza Industrial Node, which has suffered high levels of urban decay, has been prioritised by the ECDC for investment promotion. A fully-fledged business case has been developed for the revitalization of the Dimbaza Industrial area which is championed by the Eastern Cape Development Corporation (ECDC) as the landlord, supported by the Department of Trade and Industry (DTI), Department of Rural Development and Land Reform (DRDLR). BCMM has pledged its support for this initiative, which is envisaged to be executed over a 10-year period with an investment of approximately R1, 3 billion. About R865 million is anticipated from the private sector whilst the rest is expected to come from the public sector through infrastructure upgrade, business development support, etc. Over 3 000 direct jobs are anticipated from this development.

#### ***Berlin Industrial Area***

This is one of the largest industrial areas by size but is largely vacant. Berlin has been identified as a Green Energy Hub focussed on Renewable Energy, to broaden the energy mix as well as transform and diversify the economy. The Hub proposals include:

- Manufacturing and **agro-processing** as part of a green energy hub concept.
- **Solar Farm proposal by IDZ.**
- **Solar (Manufacture panels and geysers)**

- Wind(Turbines)

The waste to energy programme (Biogas) is aimed at converting waste into bio-fuel as part of a green energy manufacturing project. Contribution towards energy in support of the BCMM.

## **B2. PLANNING FOR SPATIALLY TARGETED PRECINCTS**

### **B2.1 Integration of Climate Risk & Vulnerability: Impact on Spatially Targeted Areas**

As outlined in Section A4 above, BCMM's Integrated Environmental Management Planning (IEMP) unit has prepared a number of strategic documents with reference to Climate Change and implications for BCMM. The weblink provided below gives access to the list of Climate Change related studies that have been undertaken by the IEMP Unit. <http://www.buffalocitymetro.gov.za/Documents/Index/378> In addition, the following section includes the compilation of baseline information which informs the identification of climate risk zones within spatial targeting areas.

#### ***City's climate change profile and risks***

The City is expected to have a 1.5-2.0°C increase on average temperature and a 100-200mm increase in rainfall by 2050. This implies 0-25 days of very hot days and 0-5 days of extreme rainfall. The climate change projections identified for the city pose risk to natural and man-made infrastructure. It is evident that the city would need to actively start considering innovative ways in which climate change adaptation could be integrated into the standard provision of infrastructure. A Representative Concentration Pathway (RCP) is a greenhouse gas concentration trajectory adopted by the Intergovernmental Panel on Climate Change (IPCC). The following section depicts two pathways for climate modelling. The pathways describe different climate futures, which are considered possible depending on the volume of greenhouse gases (GHG) emitted in the years to come. The RCPs – RCP4.5 and RCP8.5 – are labelled after two scenarios, RCP 4.5 is described by the IPCC as an intermediate scenario where emissions peak around 2040, then decline. This forecast is based on a high mitigation intervention scenario resulting in lowered emissions. In the RCP 8.5 projection, emissions continue to rise throughout the 21st century based on a low mitigation scenario.

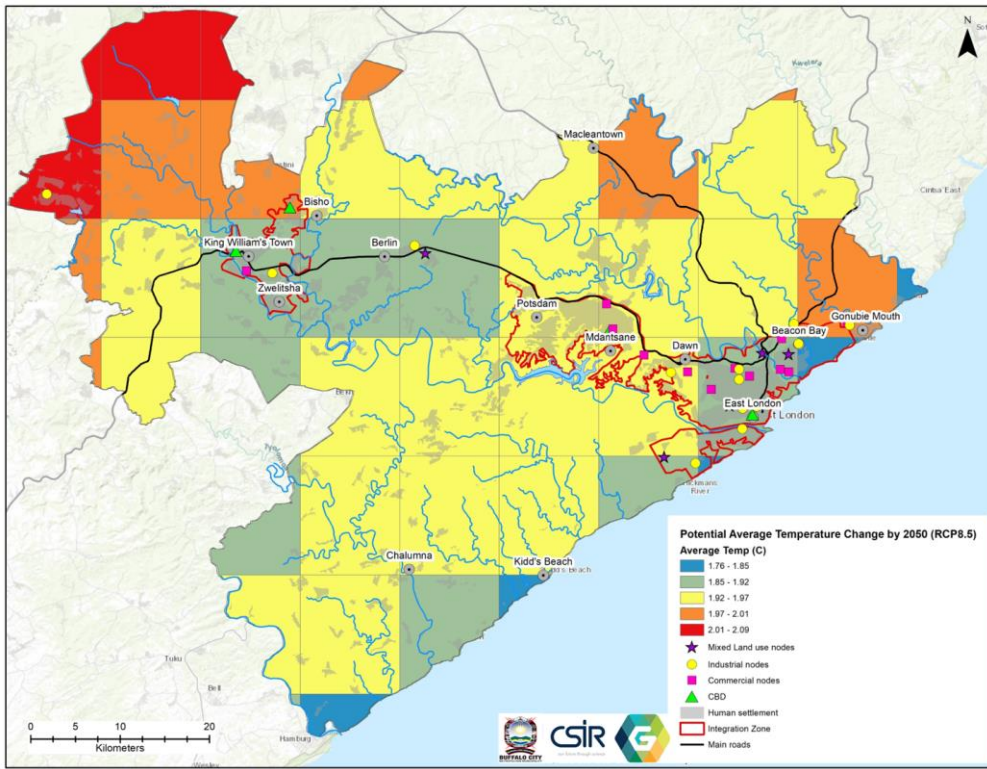


Figure B.26A: BCMM Climate Change Projection: Average change in temperature in °C by 2050 - RCP 4.5: low emissions and high mitigation scenario (Projection Source: Green Book, 2019)

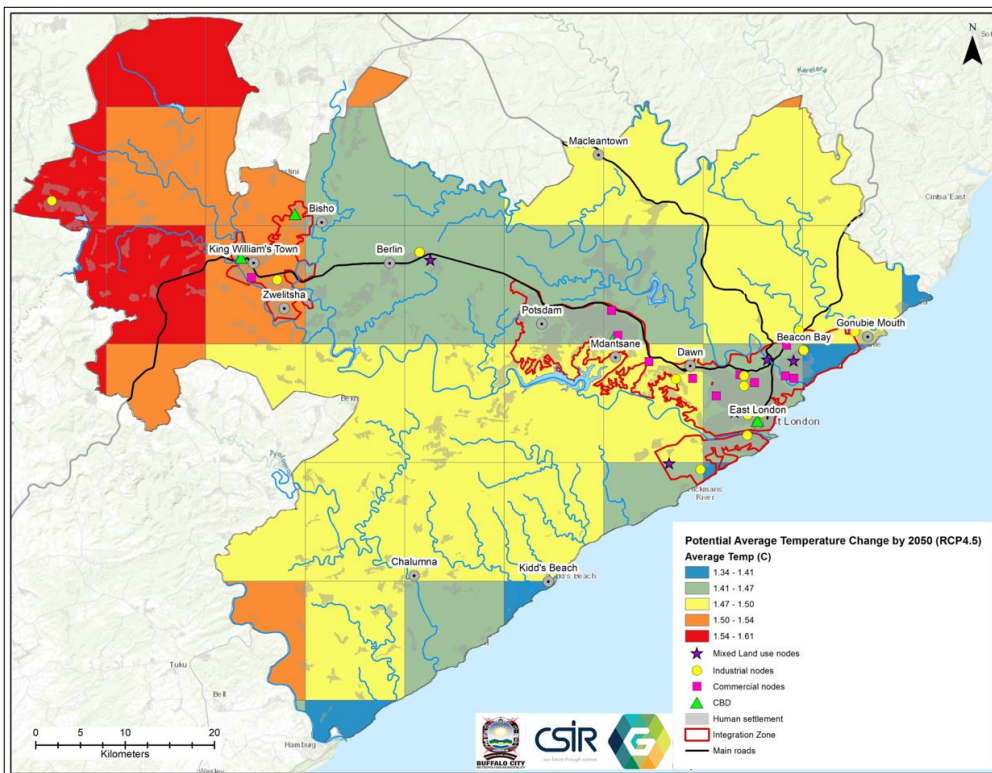


Figure B.26B: BCMM Climate Change Projection: Average change in temperature in °C by 2050- RCP 8.5: high emissions and low mitigation scenario (Projection Source: Green Book, 2019)



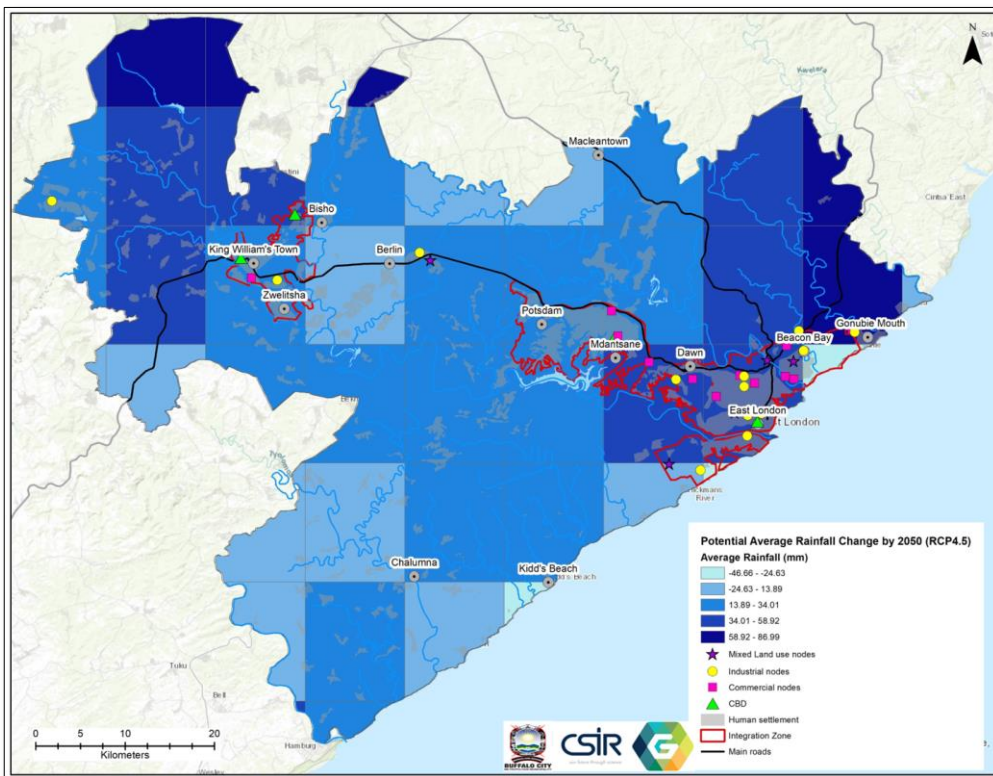


Figure B.27A: BCMM Climate Change Projection: Average change in rainfall (mm) by 2050 - RCP 4.5: low emissions and high mitigation scenario (Projection Source: Green Book, 2019)

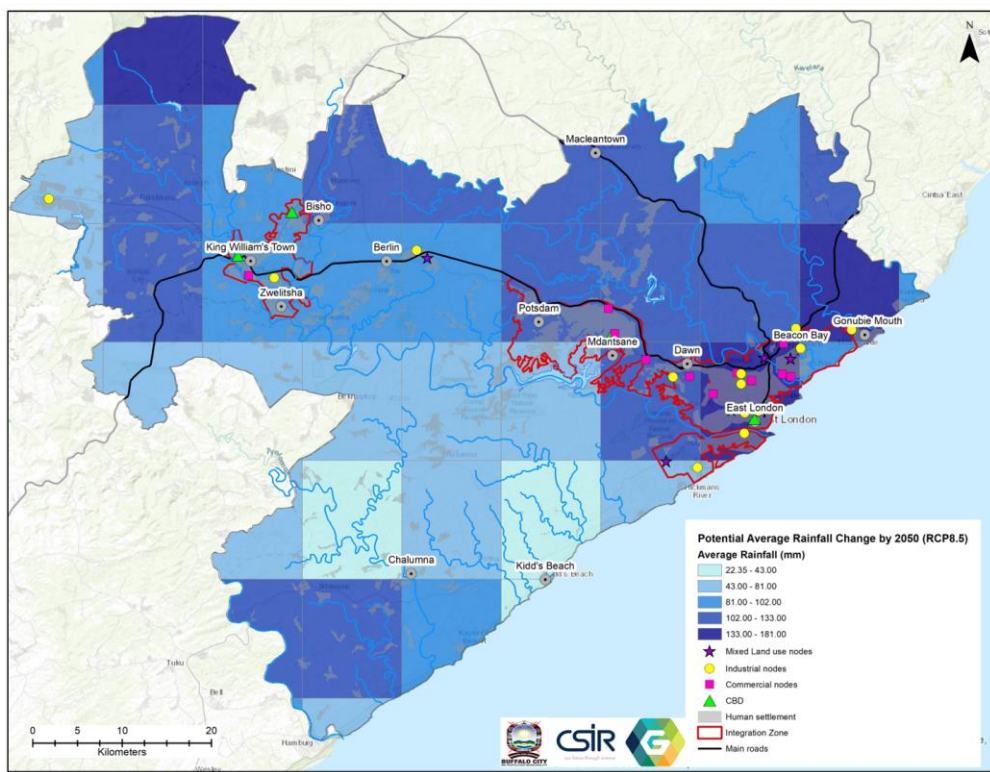


Figure B.27B: BCMM Climate Change Projection: Average change in rainfall (mm) by 2050 RCP 8.5: high emissions and low mitigation scenario (Projection Source: Green Book, 2019)

It is predicted that the City will experience very hot days annually, by 2050, the coastal region will have an increase of about 0.5 number of hot days whilst the midland and inland regions will experience 2.5-5.6 number of hot days (Figure B.28A and B.). Heat stress can be dangerous to humans and to fauna and flora.

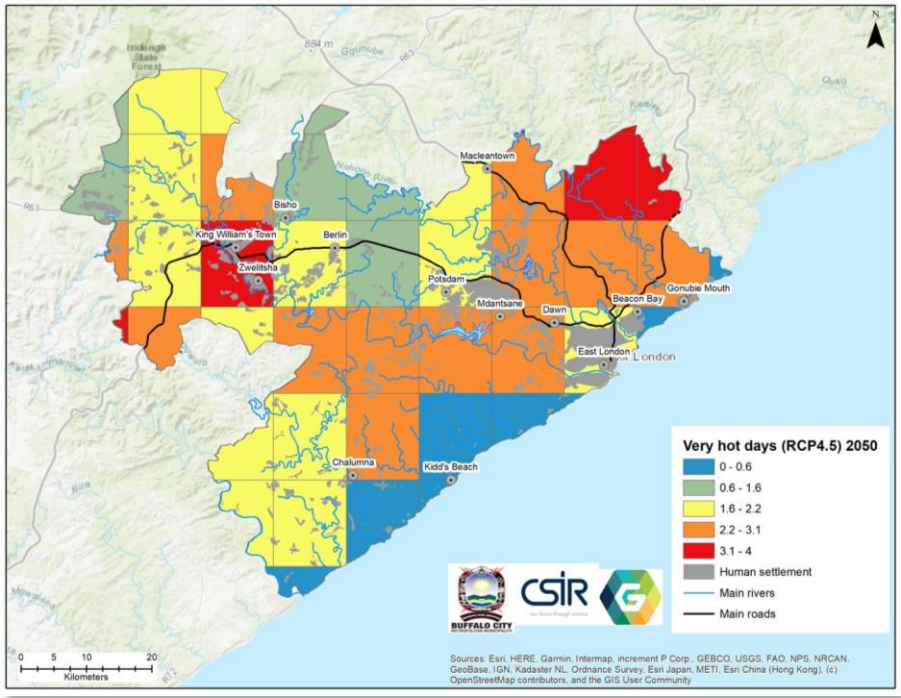


Figure B.28A: BCMM Climate Change Projection: Number of hot days experienced annually - RCP 4.5: low emissions and high mitigation scenario (Projection Source: Green Book, 2019)

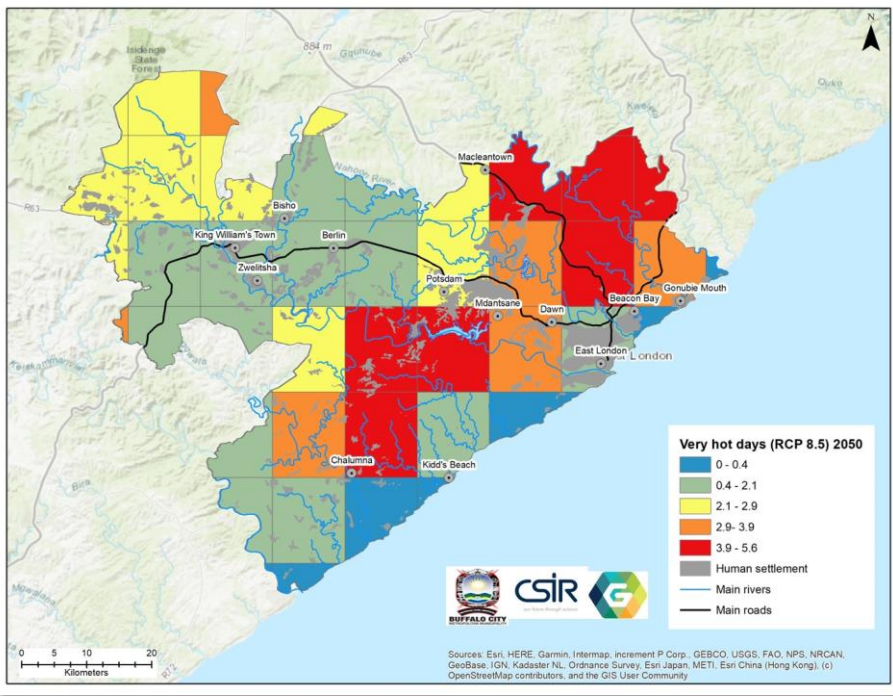


Figure B.28B: BCMM climate change projection: number of hot days experienced annually - RCP 8.5: high emissions and low mitigation scenario (Projection Source: Green Book, 2019)



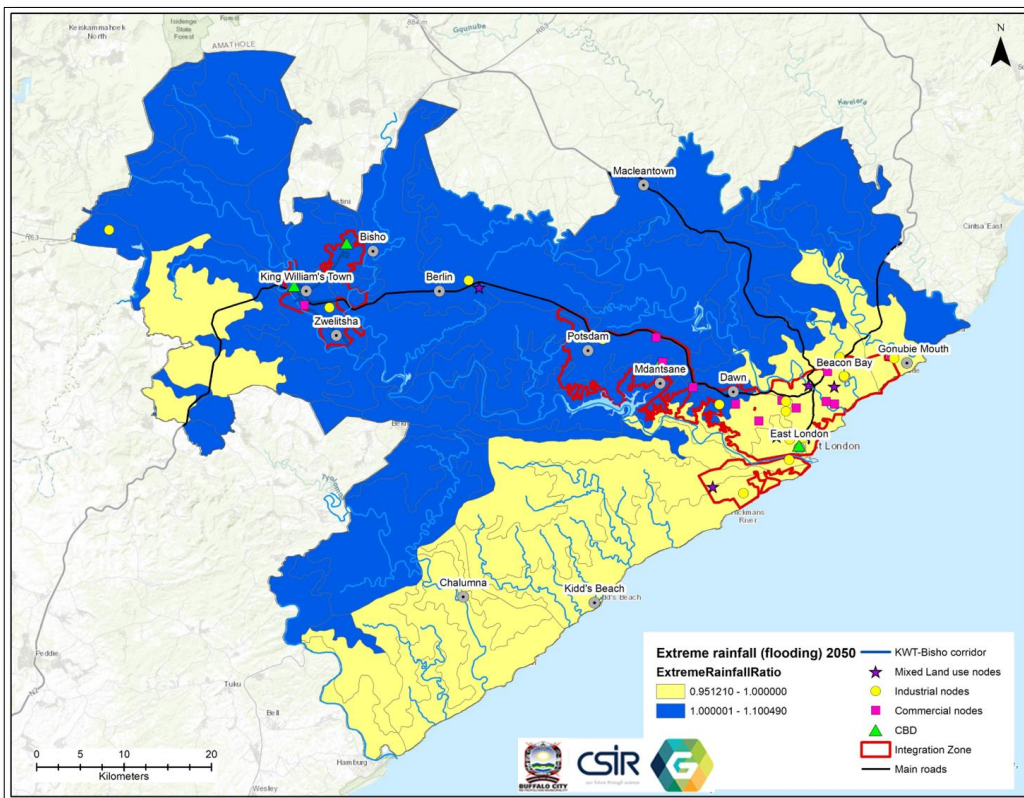


Figure B.29: BCMM Climate Change Projection: Extreme rainfall (flooding) (Projection Source: Green Book, 2019)

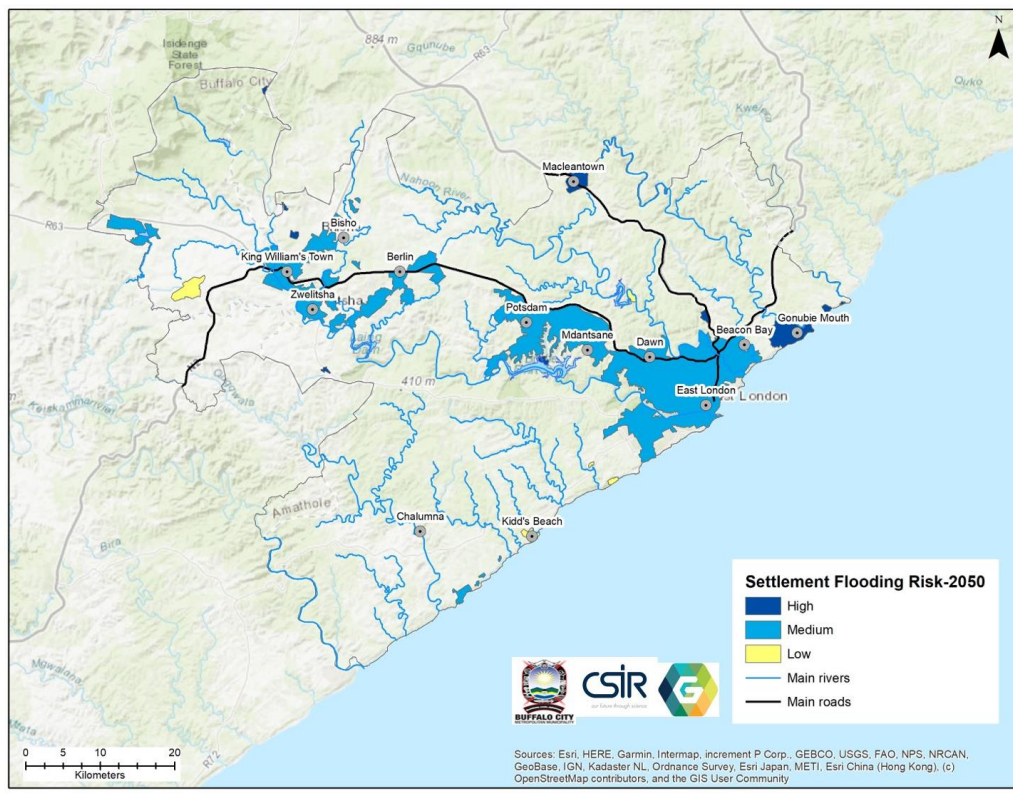


Figure B.30: Settlement Flooding Risk (Source: Green Book, 2019)

The climate change projections show that the inland and midland regions of Buffalo City will experience an increase in extreme daily rainfall whilst the coastal region will experience less days of extreme daily rainfall (Figure B.29). The City's infrastructure can be at risk as extreme rainfall can result in flooding, particularly in informal settlements. Due to climate change the city will be potentially exposed to hazards that could cause damage to infrastructure.

- The City's Coastal areas will experience 0.77 to about 1.03 days of extreme rainfall causing medium to high risk of increase in urban floods in East London CBD, Mdantsane and the Qonce (King William's Town) area.
- The City's East London CBD will experience low risk of increase in drought tendencies whilst the Qonce Town area will experience a high risk of increase drought tendencies (Figure B.31).

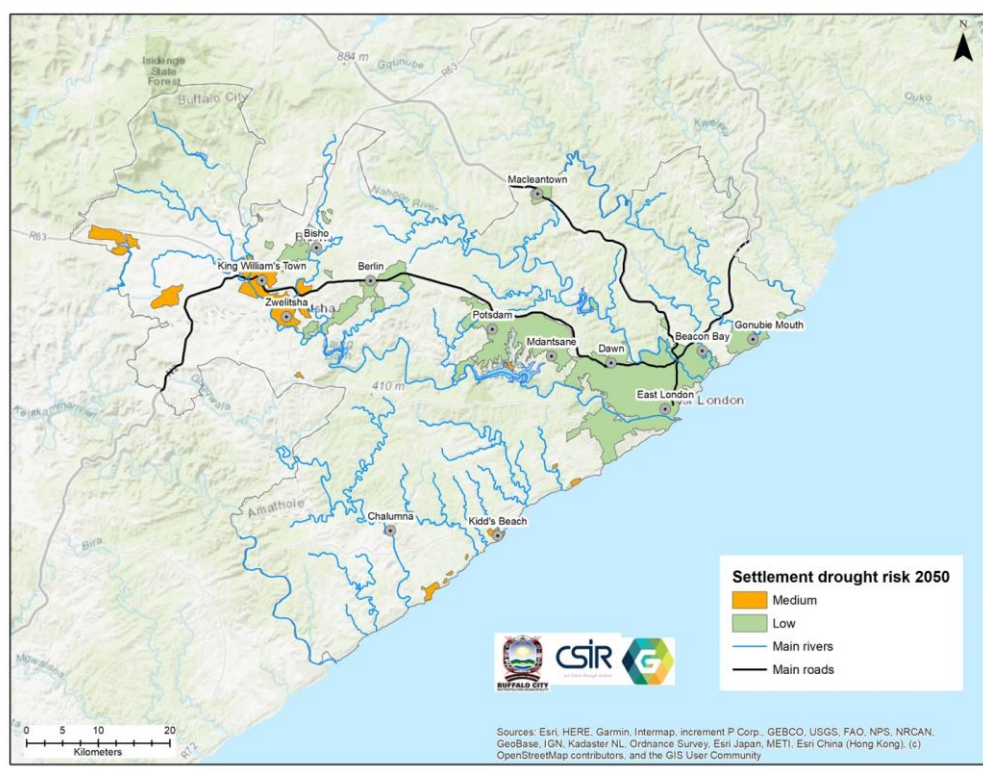


Figure B.31: Standardised Precipitation Index and increase in drought tendencies (Projection Source: Green Book, 2019)

The City's coastal areas will experience 0-20 days of fire danger whilst the inland parts will experience 20-40 days of fire danger. The Qonce (King William's Town) region will be exposed to a medium and high risk to wildfires whilst the coastal areas will be exposed mostly medium with pockets of low risk to wildfires.



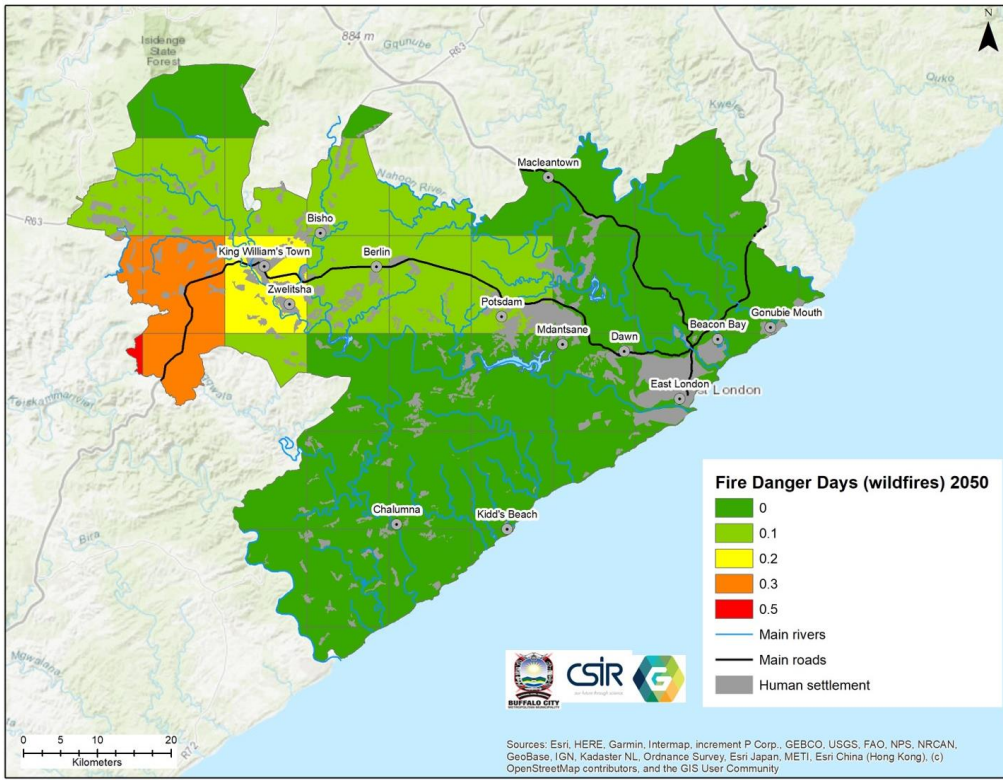


Figure B.32: BCMM Climate Change Projection: Fire Danger Days (Source: Green Book, 2019)

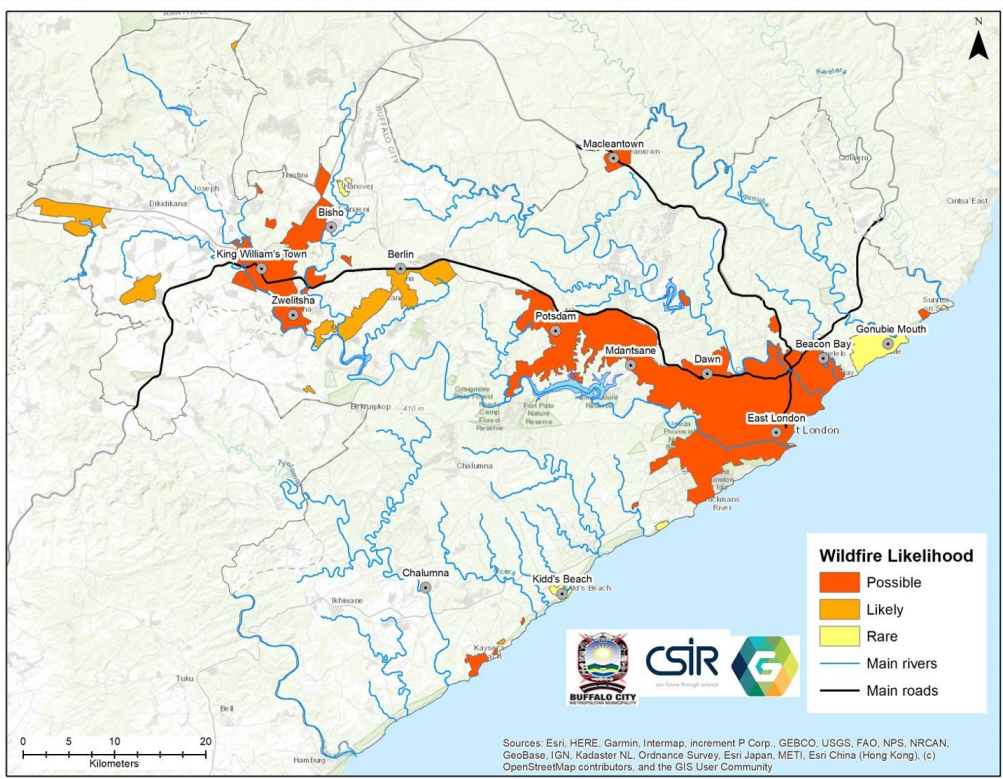


Figure B.33: BCMM Climate Change Projection: Increase in Wildfires (Source: Green Book, 2019)



### Settlement fabric vulnerability

Settlement fabric (infrastructure) vulnerability within Buffalo City indicates vulnerable areas based on informal structures, areas with population densities, and where there is a lack of access to basic services (electricity, water, sanitation and refuse removal). Settlement fabric vulnerability is from the lowest settlement fabric vulnerability to the highest settlement fabric vulnerability. Based on the settlement fabric vulnerability maps (Figure B.34A and B), Duncan Village and the Nompumelelo settlements have the highest settlement fabric vulnerability, this means that they can have the highest climate change risk as climate change can affect infrastructure (fabric). Areas such as Mzamomhle (Gonubie), Airport informal settlements and Mdantsane then follow with moderate to high settlement fabric vulnerability. Areas including Gonubie, Beacon Bay, Bonza Bay, Nahoon, Dotchester Heights, Vincent, Cambridge have low settlement fabric vulnerability

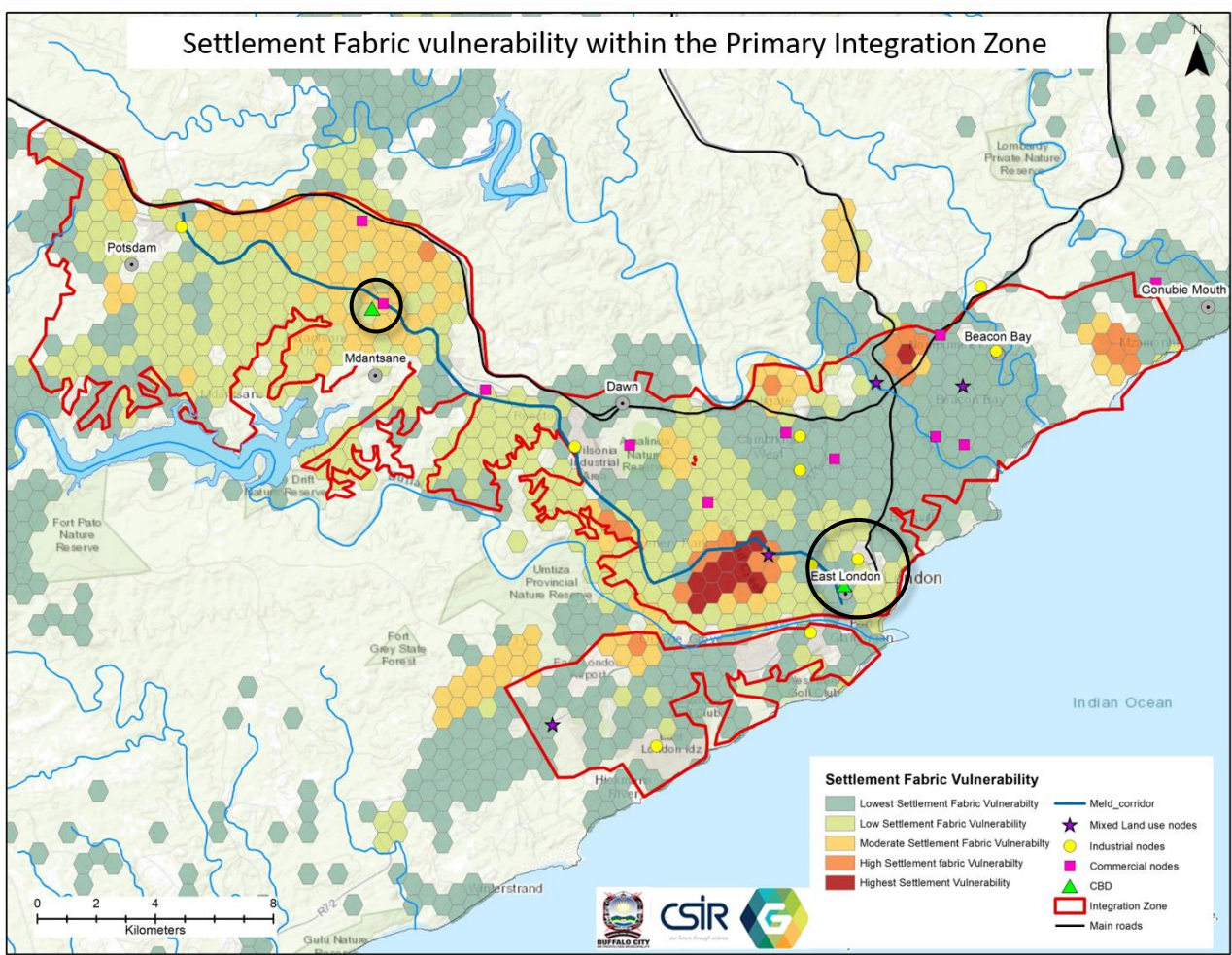


Figure B.34A: Settlement fabric vulnerability within the Primary Integration Zone.

Source: CSIR Green Book & BCMM Draft Climate Risk and Vulnerability Assessment (2020)

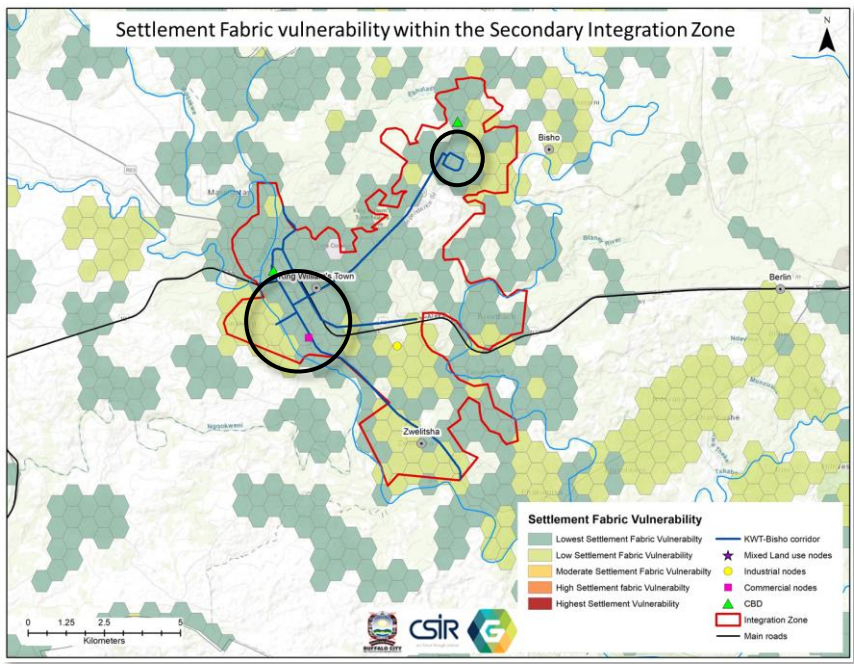


Figure B.34B: Settlement fabric vulnerability within the Primary Integration Zone and the Secondary Integration Zones.

Source: CSIR Green Book & BCMM Draft Climate Risk and Vulnerability Assessment (2020)

**Socio economic vulnerability**

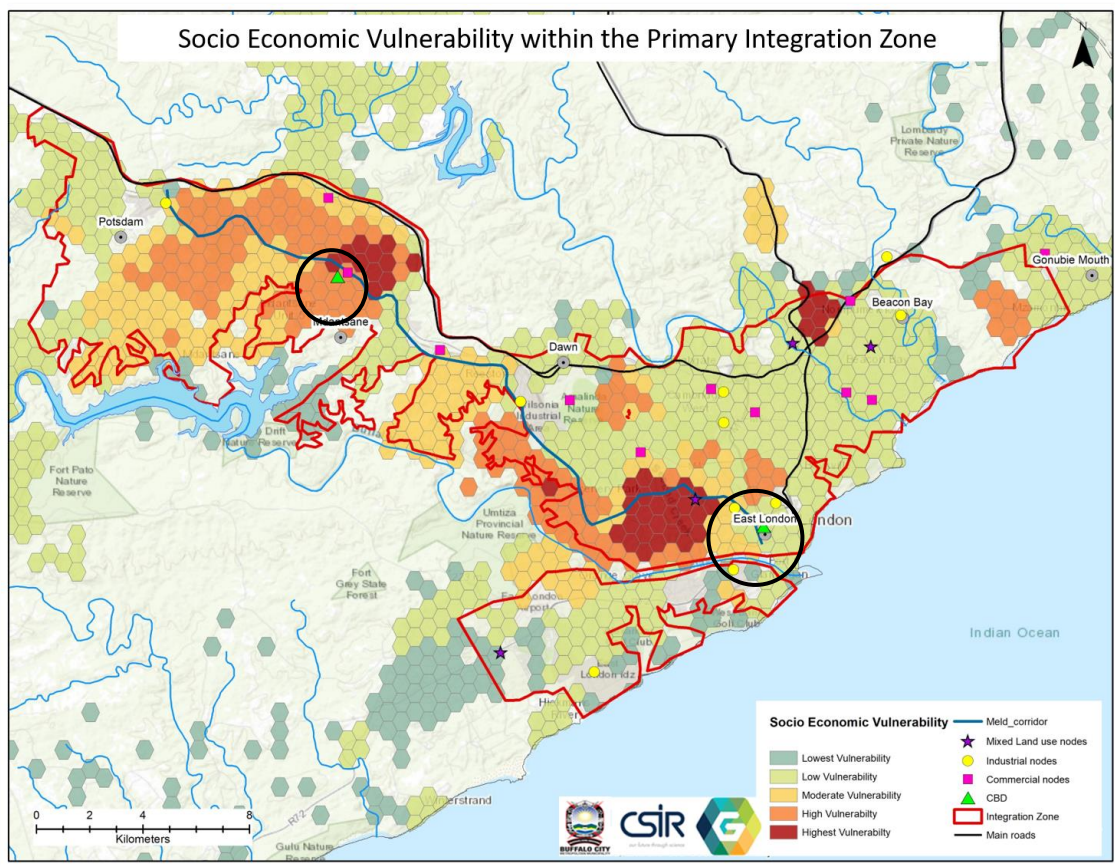


Figure B.35A: Socio economic vulnerability within the Primary Integration Zone

Source: CSIR Green Book & BCMM Draft Climate Risk and Vulnerability Assessment (2020)



Socio economic vulnerability of households living within the city was determined by Health status (child mortality and HIV infection rates), Education level (literacy and level of education), Income composition (poverty levels and unemployment) and Household composition (household size and age dependency). The vulnerability is mapped from the lowest socio-economic vulnerability to the highest socio-economic vulnerability. The Duncan Village area, Nompumelelo near Beacon Bay and parts of Mdantsane have the highest socio-economic vulnerability, which puts them at a high risk of being affected by climate change. Areas such as Beacon bay, Nahoon, Dorchester Heights, Vincent have low vulnerability based on socio-economic factors.

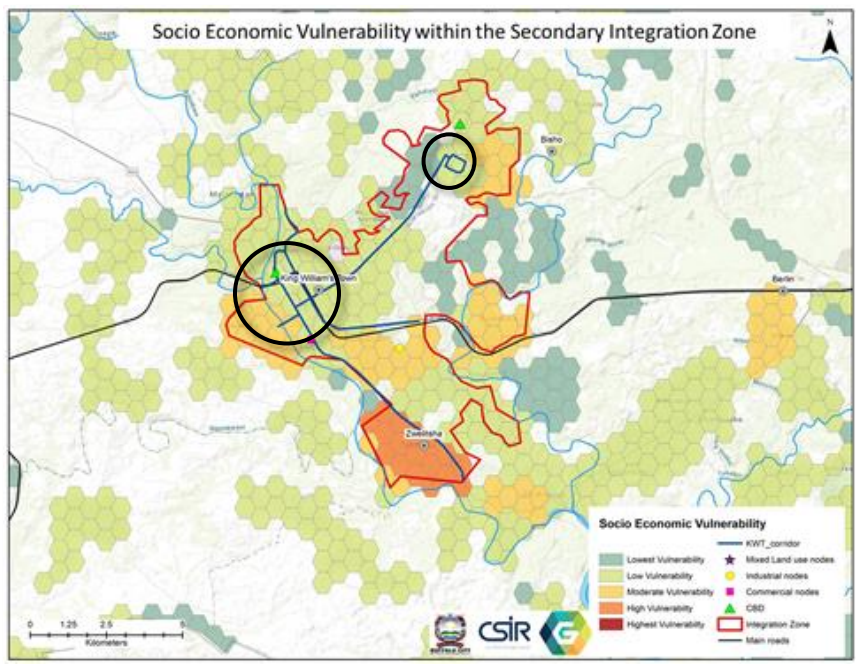


Figure B.35B: Socio economic vulnerability within the Secondary Integration Zone

Source: CSIR Green Book & BCMM Draft Climate Risk and Vulnerability Assessment (2020)

The table below shows the different factors (physical infrastructure, settlements, socio-economic factors and natural/environmental factors) that potentially influence the magnitude that climate change affects the City. For instance, an informal settlement poses a higher risk of being damaged by flooding as compared to a normal brick house. Also, during a flood episode, rivers can be inundated, affecting nearby infrastructure etc. Population, education levels, age and unemployment rates would also have an impact on climate change vulnerability. With the rationale that climate change will have a greater impact on highly populated areas within the city, the educational level will affect one’s understanding of climate change and the ability to educate themselves on climate related issues, the elderly and children will be more affected and similarly the unemployed who cannot financially support themselves. The above-mentioned subcategories affect the impact, resilience that the city has to climate change.

| Vulnerability Categories                               |                      |                        |                                |
|--|----------------------|------------------------|--------------------------------|
| Physical Infrastructure                                | Settlements          | Socio-Economic Factors | Natural/ Environmental Factors |
| Roads  | Residential Areas    | Tourism Sites          | Rivers                         |
| Electricity  | Informal Settlements | Heritage Sites         | Flood Lines                    |
| Wastewater   |                      | Unemployment           | Wetlands                       |
| Waterpipes   |                      | Age                    | Slopes                         |
| Public Facilities (Halls, Cemeteries, Schools, Health) |                      | Farming                | Coastal Zones                  |
| Beachfront Infrastructure                              |                      | Education Levels       | Elevation                      |

**B2.2 Local Area Planning / Precinct Plans for Priority Precincts: Primary Integration Zone**

**B2.2.1 East London Central Business District (CBD)**

In terms of the Urban Network Strategy, East London CBD is the primary hub and historic core for the Buffalo City Metropolitan Area. A number of planning studies have been done for the East London CBD and Inner-City area.



Figure B.36: Sleeper Site Conceptual Framework (Source: Best use concept for the development of the Sleeper Site, 2015)

## Sleeper Site Framework Plan

The Sleeper Site Framework Plan was approved by Council in December 2016 and contains a comprehensive Implementation Plan for a large centrally located parcel of land which is under city ownership.

The following developmental **objectives** were identified:

- a) Build an inner city that is functional and liveable
- b) To improve the aesthetics and the built environment i.e. through improved lighting and landscaping, cleanliness and safety (including the perception of personal safety) and the optimisation of the use of existing facilities by redefining their hierarchy and role within the CBD.
- c) To enable integration, accessibility and connectivity of the East London CBD to the wider surrounding inner-city areas particularly the Sleeper Site, Beach Front and Quigney.
- d) Establish a walkable network in the inner core that conveniently connects public transportation in a legible and effective way.
- e) To promote economic sustainability and high intensity activity all year round;
- f) A framework for engaging the various stakeholders in the CBD along with a CBD management model to ensure and oversee the transformation of streetscapes and to manage maintenance activities and promotion of the CBD

The Implementation Plan includes the following projects:

| Projects                             | Actions   |
|--------------------------------------|---|
| <b>Initiating CBD Revitalisation</b> | <ul style="list-style-type: none"> <li>• As a precondition to the successful implementation of the Hub it was identified that the Establishment of an <b>appropriate institutional vehicle</b> would be essential to oversee the Central EL/CBD Revitalisation as well as the development of the Sleeper site.</li> </ul> |
|                                      | <ul style="list-style-type: none"> <li>• Building effective partnerships by beginning a process of ongoing structured engagements with key stakeholders in the development process as well as partners in the Knowledge Economy Catalytic Project</li> </ul>  |
|                                      | <ul style="list-style-type: none"> <li>• Back to Basics - Commence upgrade &amp; clean-up of CBD (Oxford Street and Environs)</li> </ul>  |
|                                      | <ul style="list-style-type: none"> <li>• Establishment of a City Improvement District (CID)</li> </ul>  |
|                                      | <ul style="list-style-type: none"> <li>• A BCMM Workplace Study is needed to define the needs of BCMM for accommodation at the Civic Centre.</li> </ul>   |

|  |   |
|--|---|
| <b>Precinct Design Civic Centre Complex and ancillary uses</b> | <ul style="list-style-type: none"> <li>Based on the information from the Workplace study, prepare a Precinct Plan that will locate the Civic Centre and Municipal Library/ICT Learning Centre as well as other associated public facilities such as open spaces. As part of the process a concept architectural design for the Civic Centre must be completed.</li> <li>Precinct Plan must identify a suitably integrated and functional Public Square or Memorial Square (which, conceptually, should be linked back to the EL City Hall to strengthen a potential Heritage and History Theme for the Civic Heart and linkages to City)</li> </ul> |
|  | <ul style="list-style-type: none"> <li>Subdivision of land for Civic Centre</li> </ul>  |
| <b>Development of remainder of vacant land</b>                 | <ul style="list-style-type: none"> <li>Identification of institutions aligned with the Knowledge Economy Catalytic Project who require land in the Sleeper Site</li> </ul>  |
| <b>Road/Pedestrian Network</b>                                 | <ul style="list-style-type: none"> <li>Inner City Traffic Study</li> </ul>  |
|  | <ul style="list-style-type: none"> <li>Plan for Sea to City Boulevard</li> </ul>  |
| <b>Infrastructure Development</b>                              | <ul style="list-style-type: none"> <li>Infrastructure Study (to be based on the Development Scenario estimate of likely amount of building floor area to be developed.)</li> </ul>  |
|  | <ul style="list-style-type: none"> <li>Infrastructure development</li> </ul>  |

### East London CBD Inner City Areas

The Inner City of East London comprises of the East London CBD; Quigney; Beach Front; Southernwood; Belgravia and the Arcadia and North End Industrial areas.

The following Spatial policy is applicable to the Inner-City Area:

| <b>Inner City Area</b>     | <b>Relevant Spatial Policy Plan</b> |
|----------------------------|-------------------------------------|
| EL CBD and Sleeper site    | Sleeper Site Framework Plan (2016)  |
| Quigney and Beach Front    | Beach Front LSDF (2010)             |
| Southernwood and Belgravia | Policy plan currently underway      |



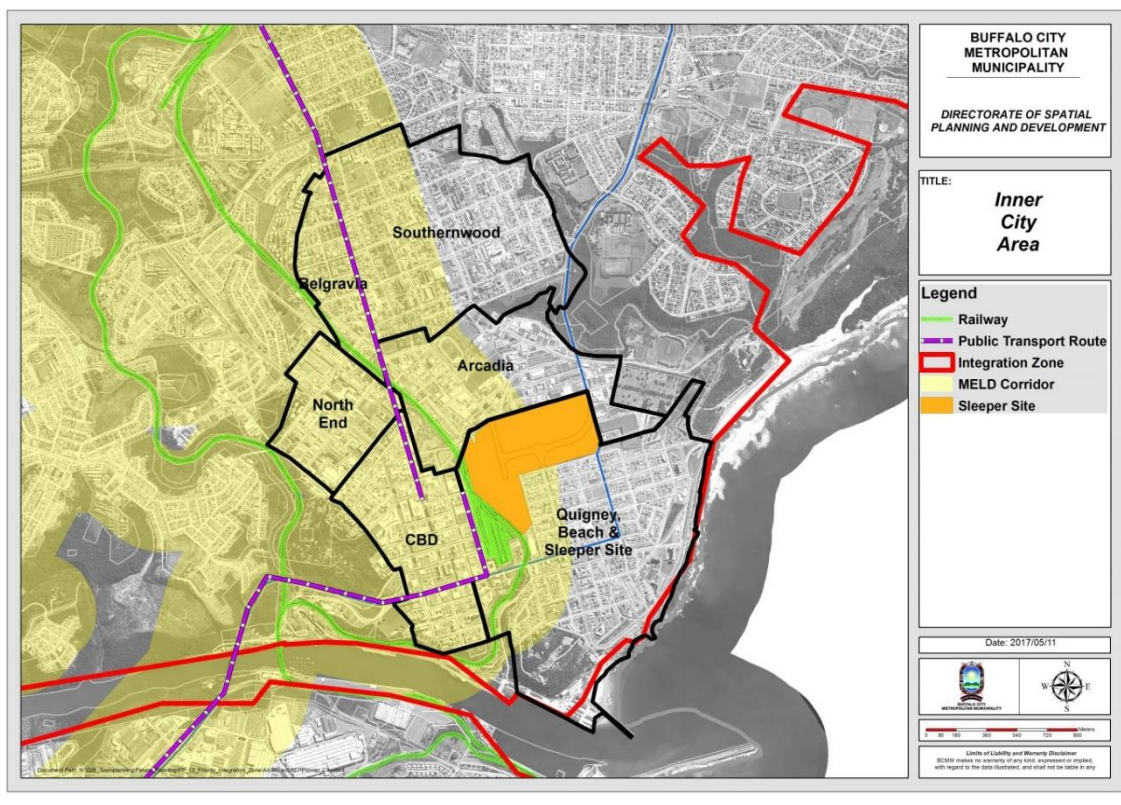


Figure B.37: Plan depicting the Inner City (Source: BCMM Spatial Planning and Development)

### Southernwood and Belgravia

The BCMM SDF has identified the Inner-City areas of Southernwood, Belgravia and Quigney as Urban Renewal Areas. These areas have good access to transport routes and are areas with existing high-density development. Southernwood and Belgravia may be described as composite areas comprising non-residential land uses, including offices and commercial/retail complexes (largely located west of Gately Street), and a variety of residential dwellings, ranging from high density, multi-storey dwellings to single residential dwellings (mainly located east of Gately Street).

Given its strategic location relative to the East London CBD and the burgeoning Commercial/Office district of Vincent/Berea, these areas are identified as having good potential for urban renewal, specifically aimed at prioritizing its residential component. These areas have been identified as Provisional Restructuring Zones in the BCMM SDF.

The rationale behind such a move would be to use existing infrastructure to create an improved urban environment that has the potential to house people at relatively high densities in an inner-city location. This would contribute towards meeting the strategic goal of prioritising the CBD area, but is also likely to lead to other positive outcomes, including: -

- Increasing operating thresholds for business in the surrounding areas of the CBD and Vincent/Berea;

- Provide relatively high-density housing areas for people seeking well-located accommodation with good access to areas of opportunity by maximising the use of existing buildings (including high-rise buildings) in need of rehabilitation;
- A Partnership Approach between the Buffalo City Metropolitan Municipality and local land owners/landlords in the area, which could set a precedent for further such partnerships in other parts of the Metropolitan Municipality.

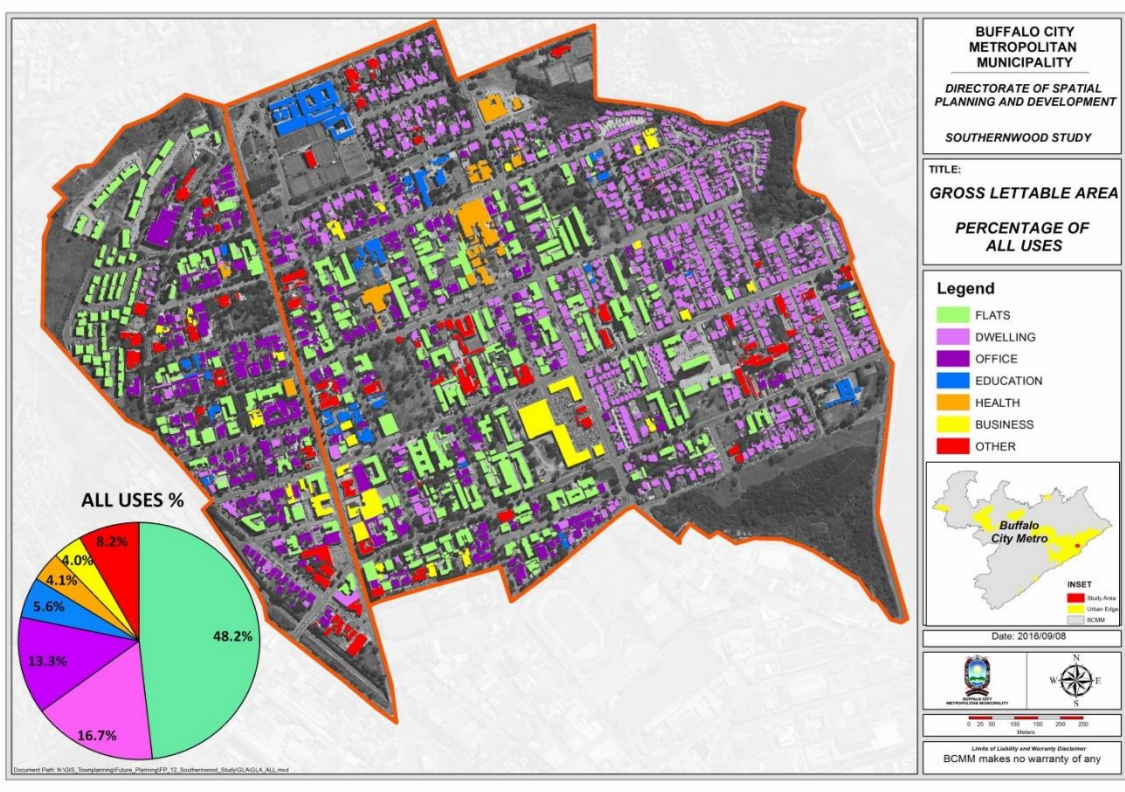


Figure B.38: Southernwood, Belgravia Inner city land use plan (Source: BCMM Spatial Planning and Development)

Draft proposals for Southernwood Belgravia area have been formulated and are included as follows:

Infrastructure efficiency is central to the success of the regeneration of the Southernwood/Belgravia precinct. The current, but also future density and sustainability of the area depends heavily on the bulk infrastructure capacity being sufficient and efficient. This is particularly important in the eastern sub-precinct where informality and backyard slumming are trending.

This precinct has become a magnet for affordable student accommodation based on the education anchor institutions found there. Research has found that the affordability factor and economic survival also come into play when one considers the multi-cultural character of the area. The city has an opportunity to go beyond mere policing of illegal

activities to the actual solving of the root cause issues. This reinvention strategy could go a long way in ensuring inclusive urbanization.

The Opportunity Infrastructure Framework/ Strategy unpacked below offers opportunities to address and manage the slumming issues in an orderly fashion.

Research has revealed how local property owners in the precinct are sub-letting poorly-maintained residential buildings to multiple foreign-national second economy entrepreneurs at blown-up rental prices. Two hairdressers, a laundry, a general dealer, a fish and chips shop, a nail bar and a fashion designer would be sharing a small building with dire consequences for refuse collection and water infrastructure capacity.

Included in the strategy could also be a Special Incentive Scheme and Special Permissions Guidelines in targeted and strategic areas. Special tariffs for land leases and sales in strategic places could be tied down in the framework as part of the enabling toolbox of municipal policy.

The multipurpose use of spare space is worthwhile exploring as part of a possible “tactical urbanism” initiative between the anchor institutions and residents of the neighbourhoods. Terms and conditions and funding mechanisms for these could be mutually negotiated and tied down in the framework.

Other measures contained in the framework could address issues around vacant and abandoned building with huge rates and tax account backlogs. Opportunities for regeneration and rehabilitation of such properties could fight blight and regenerate revenue collection in the area.

The aim is to promote a spatially enabling environment that would contribute towards the vision of a liveable resilient city with built-in sustainability features and neighbourhoods of solid community.

Backyard slumming and “Business slumming”, as much as they present problems, also present opportunities for the resolution of those problems in the longer term, instead of just applying a “Band Aid Strip approach” which does not address the root cause of the problem. Measures could involve amnesty periods; reduced tariffs for formalizing (e.g. building plan- and building line departure fees, densification incentives, etc.).

The current student housing need outweighs the available supply and creates a 50% backlog in the family unit demand according to research conducted. Former residential flats on St Marks – and St Georges Roads have been bought and refurbished into high-end student units that are contracted to Fort Hare University. Social Housing is therefore proposed on the Thorburn Terrace vacant land parcel.

Crime and grime feature high on the list of urban blight in the area. Engagement with the anchor institutions, as part of the Opportunity Infrastructure Framework could explore the possibility of a joint entity that could address these shortcomings in a sustainable manner.

### B2.2.2 Precinct Plan for the Upgrade of the East London Beachfront

The city has taken huge strides in re-establishing BCMDA, which is an entity that will, amongst others, drive tourism infrastructure and real estate investment. This in the backdrop of the somehow strong performance of the tourism sector in the city, its strategic location, rich heritage and cultural assets, scenic beauty and unspoilt beaches.

The BCMDA has been allocated the following projects as part of the Beachfront Upgrade:

- Marina Glen A
- Court Crescent
- Seaview Terrace
- Heroes Acre Memorial
- Esplanade
- Water World

Preparation of detailed designs and working drawings have been completed for the Court Crescent Precinct on the Esplanade and the Water World Precinct on the West Bank. The drawings have been submitted to BCMM for approval and the above two mega projects are scheduled for implementation in the short term. The focus on the Esplanade will bring about the much-needed facelift to the city's main beachfront area.

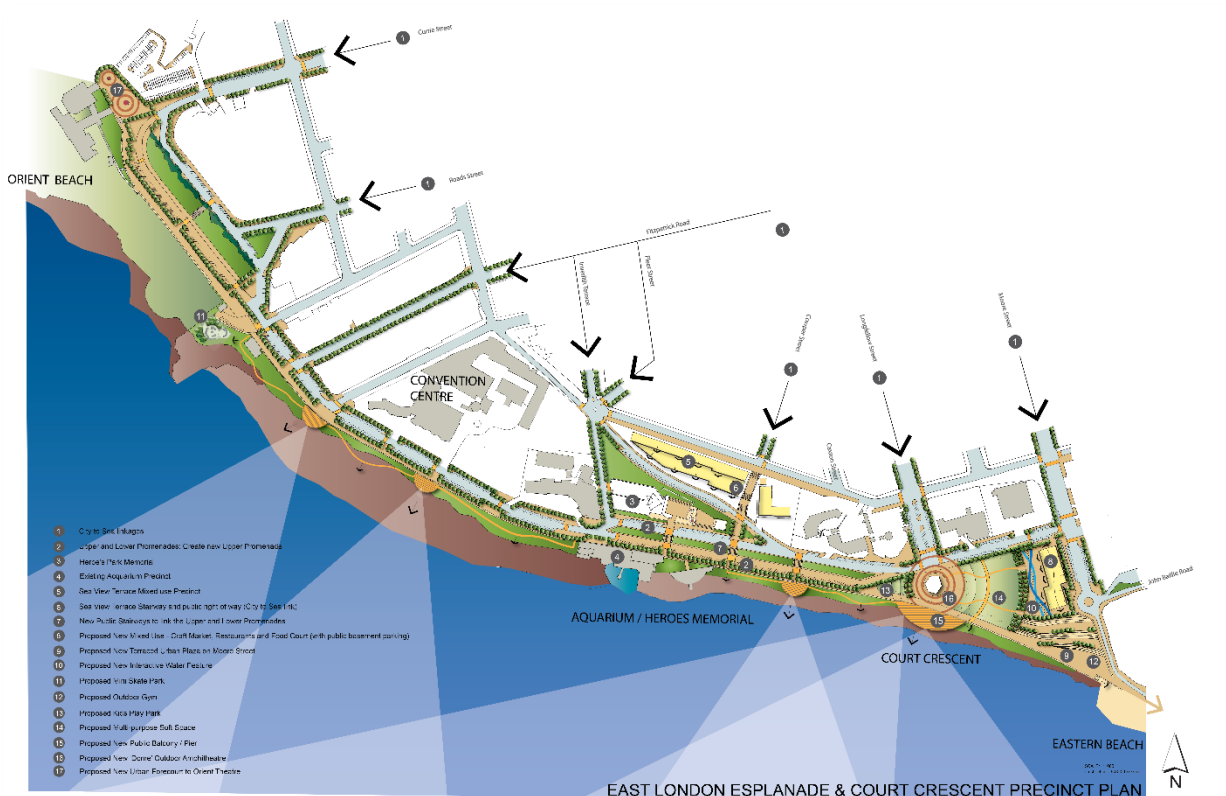


Figure B.39: Proposals for the East London Beachfront (Source: Precinct Plan for the East London Beachfront, 2017)



### B2.2.3 Precinct Plan for the Mdantsane Urban Hub

The Urban Network Strategy identifies the Mdantsane CBD as the Urban Hub within the Primary Integration Zone of the Buffalo City Metropolitan Area.

The Mdantsane CBD can be classified as a high opportunity, low performance urban area. It is a classical example of a township revitalisation model. This should be understood within the context of revitalising a densely populated, former marginalised area. It is important that interventions in this area need to be based on and address the underlying drivers and causes (including types of market failures) of urban development trends (including property market performance, investment, dis-investment etc.).

The greatest challenge in the CBD is arguably to re-establish a sense of order, cleanliness, safety and security in the area as well as to improve the quality of the environment so that people will be encouraged to live, work and visit the CBD. The heart of, and reason for the existence of the CBD is undoubtedly the Public Transport Interchange.

All significant formal and informal retail activity is spatially linked to the taxi interchange precinct. The other key activity areas in the CBD are linked to certain anchors such as the Youth / Cultural Centres, the Department of Home Affairs and the Checkers Shopping Mall on the R308 as well as the Sisa Dukashe Stadium on event days. These anchors currently exist as disconnected and discreet areas, which are poorly connected to each other. It is important that the character of each of these areas are reinforced and given a new positive identity.

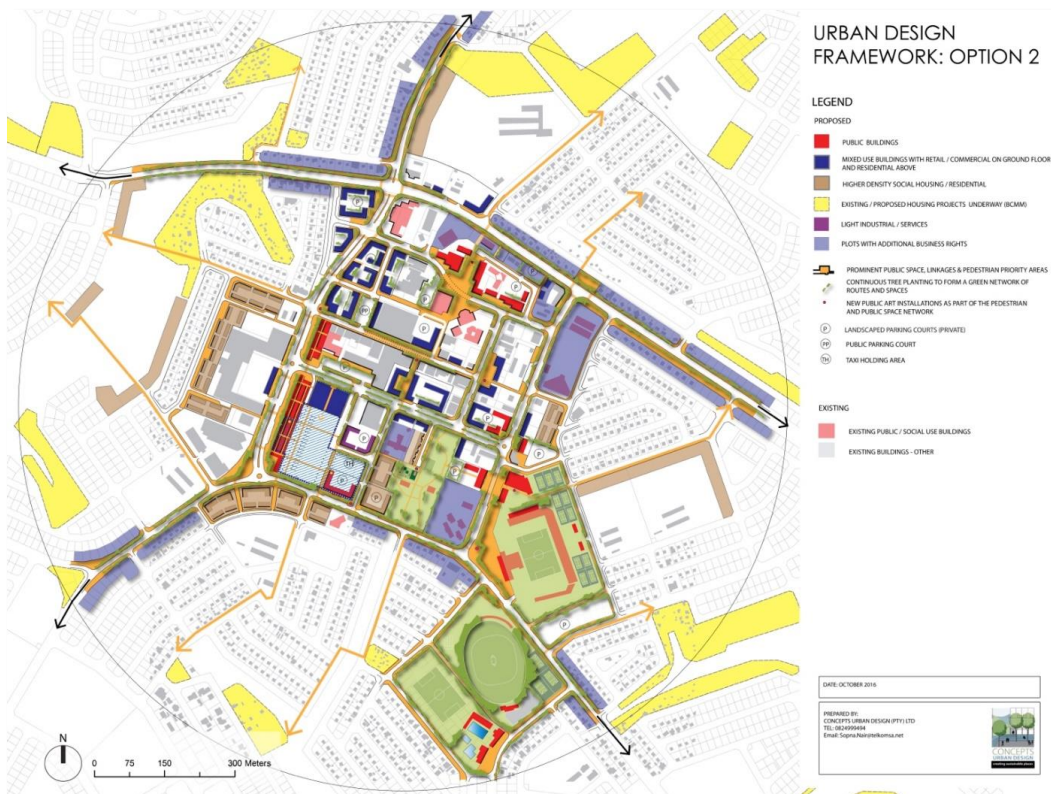


Figure B.40: Mdantsane Urban Hub Precinct Concept Plan - Preferred Option (Source: Precinct Plan for the Mdantsane Urban Hub, 2016)

The following **Vision** for the Mdantsane CBD was identified:

- *A self-sustaining, attractive and vibrant economic hub*
- *A place that celebrates the creative arts, culture, history and identity of Mdantsane*
- *A place that cultivates sports and sports development as a youth & community builder*
- *A place of learning & skills development*
- *A place that show cases quality urban life and urban living*
- *A well managed precinct.*

The **objectives** of the Urban Design Framework are therefore to:

- Reinforce and improve the CBD’s existing attractions and destinations, in particular the Taxi Interchange Sub-Precinct, the Cultural Sub-Precinct, the Shopping Sub-Precinct well as the Sisa Dukashe Stadium Precinct.
- To introduce new anchors and areas of activity to expand and improve the functionality of the CBD.
- Create a clear hierarchy of public urban spaces linked through a well-connected network of routes for pedestrians
- To improve general access and connectivity through the area.
- Upgrade and improve buildings and features of cultural / historic significance and value in order to create a strong identity for the area.
- Encourage a high standard of urban design that places significance on the public realm and relationships between buildings and streets.
- Create an urban form that assists in creating a safer and pedestrian friendly environment.

The study calculated that there was opportunity to develop:

- 2040 Social Housing Units
- 1279 High Density Hosing units
- 50000m<sup>2</sup> of Retail and Commercial Space

The Implementation Plan for the Mdantsane Urban Hub includes the following Programmes with associated Projects:

| Programme                              | Project   |
|--|---|
| <b>Institutional Support Programme</b> | As a precondition to the successful implementation of the Hub it was identified that the Establishment of an <b>appropriate institutional vehicle</b> would be essential to undertake |



|   |  |
|---|--|
|   | Precinct Management that will address: Engaging with local community and stakeholders; Safety and Security; Cleansing; Management Informal traders; Management Informal traders; Management Informal traders; Assist with fast-tracking of building plans. |
| <b>Public Transport Programme</b>           | Upgrading and improving access and movement to and within the CBD.   |
| <b>Public Realm Upgrade Programme</b>       | Upgrading of the Public Realm<br>Formulation of Urban Design Guidelines  |
| <b>Housing Programme</b>                    | Mixed Use and High-density Housing Development Projects  |
| <b>Local Economic Development Programme</b> | Local economic development initiatives such as developing space for Hawkers to operate   |
| <b>Infrastructure Development Programme</b> | Infrastructure upgrading projects  |
| <b>Land Release Programme</b>               | Rectifying Cadastral and Property Registration issues  |

#### ***B2.2.4 Precincts which form part of the MELD Corridor***

The development of a mixed land use at sufficient densities in the activity corridor from Mdantsane to East London was identified as being very important for the economic growth of the city. In this regard several Local Spatial Development Framework Plans include proposals for mixed use precincts located at strategic points along the MELD corridor, primarily in areas termed 'Development Nodes'.

The most significant of these being:

- Mdantsane Urban Hub.
- Mount Ruth Nodal Precinct.
- Arnoldton Nodal Precinct.
- The Amalinda Junction
- Vincent Commercial Node

#### **Duncan Village Redevelopment Initiative**

The redevelopment of Duncan Village is considered a high priority for the Buffalo City Metropolitan Municipality (BCMM). The Duncan Village LSDF (2009) was formulated to provide a spatial and developmental solution to the issues such as the overcrowding experienced in Duncan Village.

The Duncan Village LSDF acknowledged the central location of Duncan Village and attempted to retain as many families in Duncan Village as possible but recognised that Reeston and other areas within BCMM would be required to address the overcrowding. In order to retain as many families as possible various housing typologies and densities

were workshopped. Ultimately the only typology accepted by the communities was the RDP house with 80m2 erven. This option provided a density of 80du/hectare and was considered satisfactory in terms of public transport viability thresholds.

The DV LSDF addresses entire the redevelopment of the entire Duncan Village i.e. residential units to be constructed, social amenities, recreational facilities, public transport, pedestrian movement, small & micro economic activities, informal trading of the area supporting infrastructure and economic job opportunities.

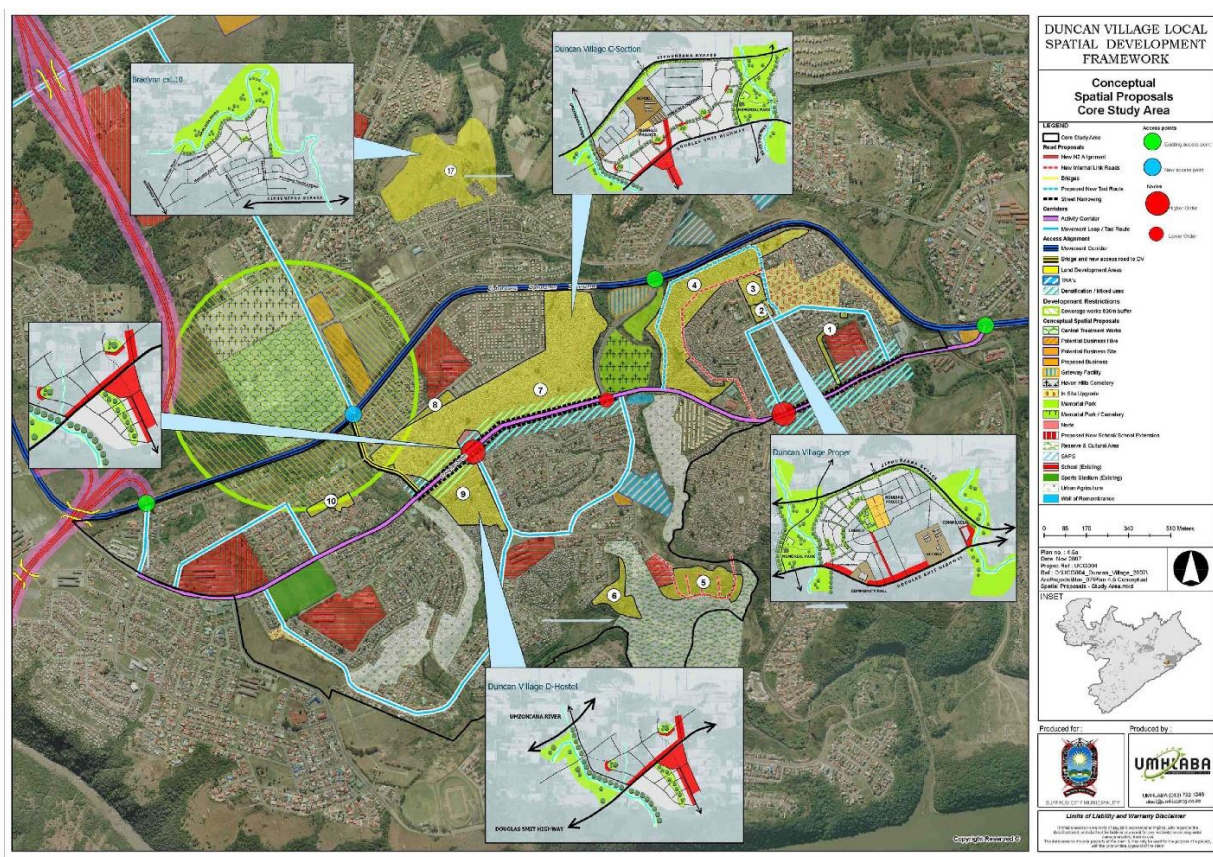


Figure B.41: Duncan Village Spatial Proposals (Source: Duncan Village LSDF, 2009)

The DV LSDF identified the following Projects which have subsequently been grouped into programmes by the MDGS Township Revitalisation Work Stream:

| Programme                                   | Project  |
|---|--|
| <b>Infrastructure Development Programme</b> | Second Creek Catchment Water loss Management Programme |
|   | Reeston Waste Water Works Extension                    |
|   | Queens Park Substation                                 |
|   | Waste Water Diversion Tunnel                           |

|   |  |
|---|--|
| <b>Institutional Support Programme</b>                                  | Precinct Management for DV   |
| <b>Housing Development Programme</b>                                    | Duncan Village Proper; C Section; D Hostel; Braelyn 10 Ext Proper & Reeston including layout planning; Survey; Housing.<br>The Ndende pilot housing project demonstrated erven that are 80m <sup>2</sup> and the construction phase is complete. |
|   | Preparation of TRAs and remaining land parcels for development in support of the DV de-densification process   |
| <b>Public Transport Programme</b>                                       | Public Transport Plan in support of all aspects of the DVRI redevelopment process which includes Reeston's requirements and the issue of transporting children to school   |
|   | Upgrade of Douglas Smit Highway to support public transport and new link to Ziphunazana at Sunnyside Road  |
| <b>Economic Development Programme</b>                                   | Acquisition and Release of land at Ndende and Jabavu for Mixed use development in support of the Township Economy  |
|   | Small enterprises training and management support, Construction and IT skills training, urban agriculture  |
| <b>Social Facilities and Services Programme</b>                         | Engaging with the Dept of Education to formulate a programme for School development to support the all areas involved in the DVRI re development.  |
|   | Engaging with Provincial Department of Health regarding provisioning of Clinics in support of all areas involved in the DVRI re development.   |
| <b>Natural Environment and Cultural Heritage Preservation Programme</b> | Training residents to preserve the ecosystem and to be water-wise.   |
|   | Piloting alternative energy and recycling initiatives.   |

## Mdantsane Urban Renewal

The major development nodes identified in the Mdantsane LSDF include the Mdantsane CBD (Highway) and the immediate area surrounding the Mount Ruth station. The areas surrounding the stations of Fort Jackson, Mdantsane and Mtsotso, were classified as minor nodes. Additionally, the area in between Highway and the Mount Ruth station was identified for intensification and mixed land uses including higher density residential land uses.



Upgrading of the Mdantsane CBD was identified as a catalytic intervention that would boost the economy of the surrounding township of Mdantsane. The Mdantsane CBD is an existing mass regional transit node and will be further developed with the support of the Neighbourhood Partnership Development Grant.

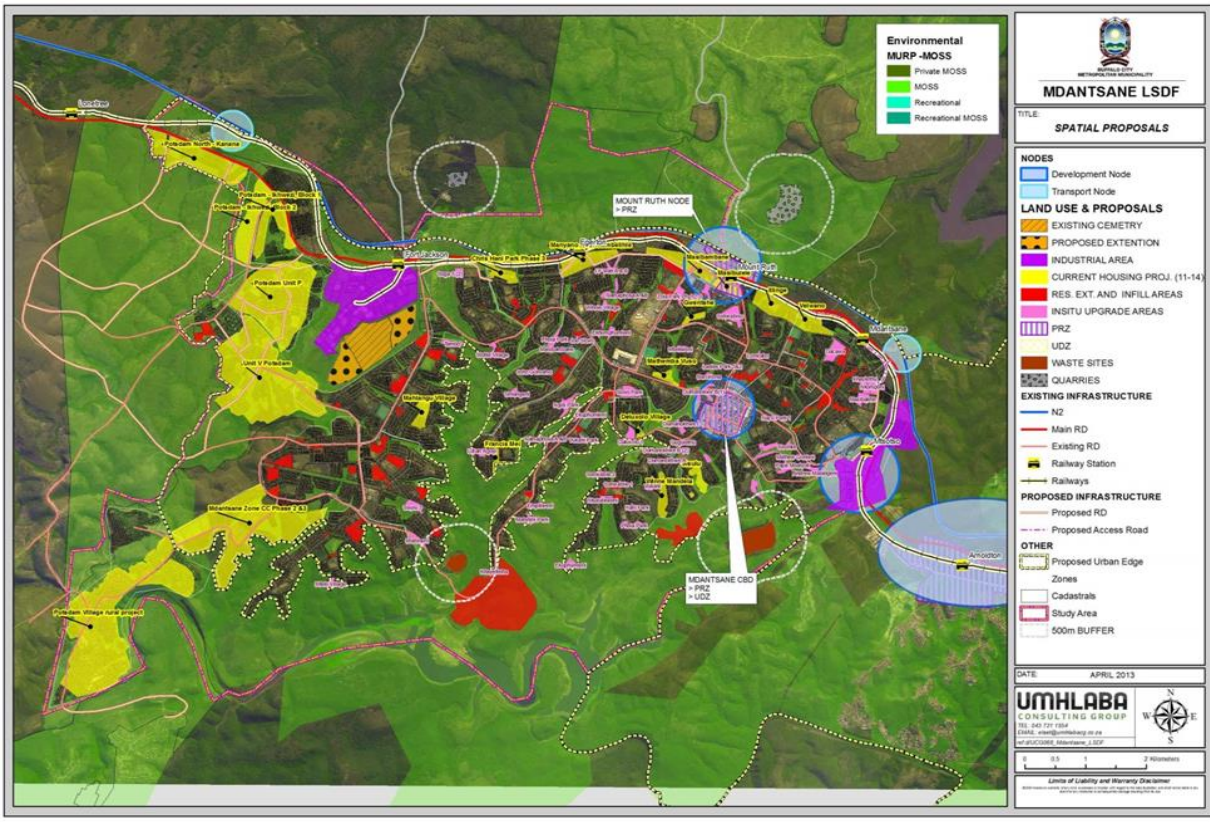


Figure B.42: Mdantsane Township: Spatial Proposals (Source: Mdantsane LSDF Review, 2013)

The Mdantsane LSDF identified the following Projects which have subsequently been grouped into programmes by the MDGS Township Revitalisation Work stream:

| Programme   | Project   |
|---|---|
| <b>Land Acquisition and Development Programme</b> | Feasibility Study for High Density/Social Housing Pilot Project Feasibility Study at Mdantsane CBD and Mount Ruth |
|   | Finalise the Upgrading of Land Tenure from Deed of Grant to Freehold Title for NU2(CBD)                           |
|   | Informal Settlement Upgrade   |
|   | Land Acquisition Buffer strip, Mount Ruth, Mdantsane Industrial Precinct and CBD                                  |
|   | Transfer of State land to State as a result of Donation of Farm 1404 to BCMM                                      |

|   |  |
|---|--|
| <b>Infrastructure Development Programme</b>     | Upgrade of Water Supply Network: Mdantsane, Mt Ruth, CBD, Mdantsane Industrial   |
|   | Upgrade of Waste Water Treatment Network and Capacity: Mdantsane, Mt Ruth, CBD, Mdantsane Industrial                     |
|   | Upgrade of Mount Ruth Substation and construction of Zone 17 substation: Mdantsane, Mt Ruth, CBD, Mdantsane Industrial   |
| <b>Institutional Support Programme</b>          | Precinct Management for CBD/Highway and Mount Ruth   |
| <b>Housing Development Programme</b>            | Buffer strip housing And informal Settlement upgrading and NUSP  |
| <b>Public Transport Programme</b>               | Feasibility study re the proposed link between the N2 and Mdantsane at the Nahoon Dam off ramp                           |
|   | Upgrade of Public Transport Facilities at Mdantsane CBD with feeder route to Mount Ruth Station                          |
|   | Feasibility studies for Needs Camp Potsdam bridge  |
|   | Feasibility Study Station at Potsdam for WSU   |
|   | Road Network Development to support public transport   |
|   | Upgrade of Mt Ruth Station   |
| <b>Urban Agriculture Programme</b>              | Urban Agriculture Extension services<br>Area to west of Potsdam to be formalised for dryland agriculture                 |
| <b>Economic Development Programme</b>           | Acquisition, release and development of land around the Mount Ruth Station for hawker stalls and small business purposes |
|   | Acquisition, release of land at Mount Ruth for a light industrial park   |
| <b>Social Facilities and Services Programme</b> | One-stop service centre at Mdantsane CBD with Wifi<br>Multi-purpose centre at Mt Ruth with Wifi                          |
|   | Sharing of public and educational recreational facilities  |
|   | Extension of Fort Jackson Cemetery   |
|   | New Cell at Round hill Regional Waste Site   |



|                                   |                                  |
|-----------------------------------|----------------------------------|
| <b>Waste Management Programme</b> | New Depots & transfer stations   |
|                                   | Replacement of Fleet             |
|                                   | Waste Reduction/Buy back centres |

### North West Corridor

The North-West Corridor (NWC) is a planned corridor which when constructed will link the East London CBD to the Amalinda Junction situated on the MELD Rail route. The route then links back to Duncan Village on the MELD Corridor. The NWC is thus an integral part of the MELD Corridor as it provides critical transport linkages into the road and rail component of the MELD Corridor. Situated along the NWC are two main precincts:

- i) Chiselhurst High-Density Housing Precinct
- ii) Amalinda Junction Precinct. This has been identified by Council as a Catalytic Project. This area will contain a mix of uses and housing types.

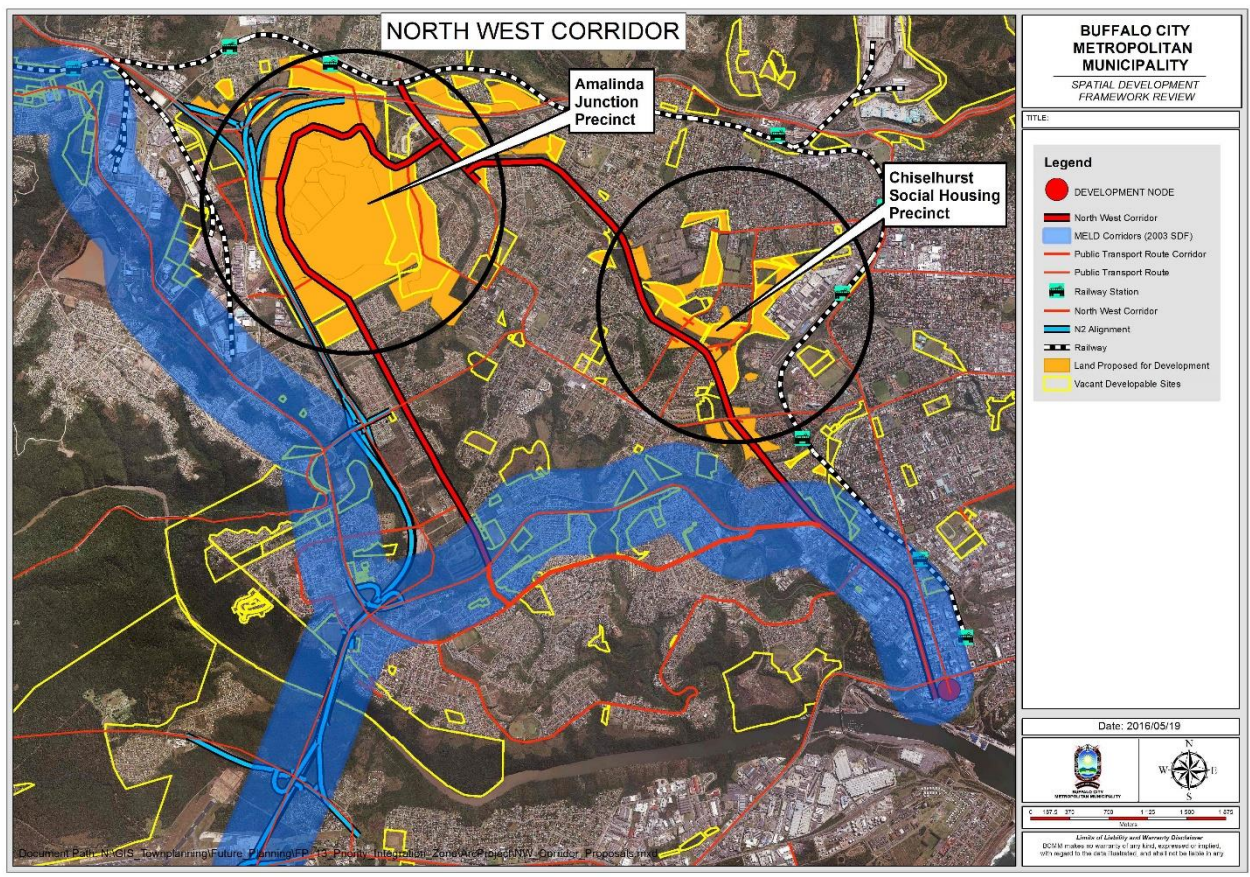


Figure B.43: North West Corridor showing the two major Precincts (Source: BCMM Spatial Framework Review, 2013)



## B2.3 Local Area Planning / Precinct Plans for Priority Precincts: Secondary Integration Zone

### B2.3.1 The KWT / Bhisho Revitalisation Precinct

In 2010 the Department of Roads and Public Works commissioned a Strategic Implementation Plan for the project to be called the Master Plan for KWT/Bhisho Revitalisation. The Bhisho precinct is a key component of the KWT/Bhisho Corridor.

The land use proposals include a mix of offices because this is administrative hub of the province, retail and high density residential uses. Most of the land within the precinct is state owned. There are some portions that are BCMM owned.

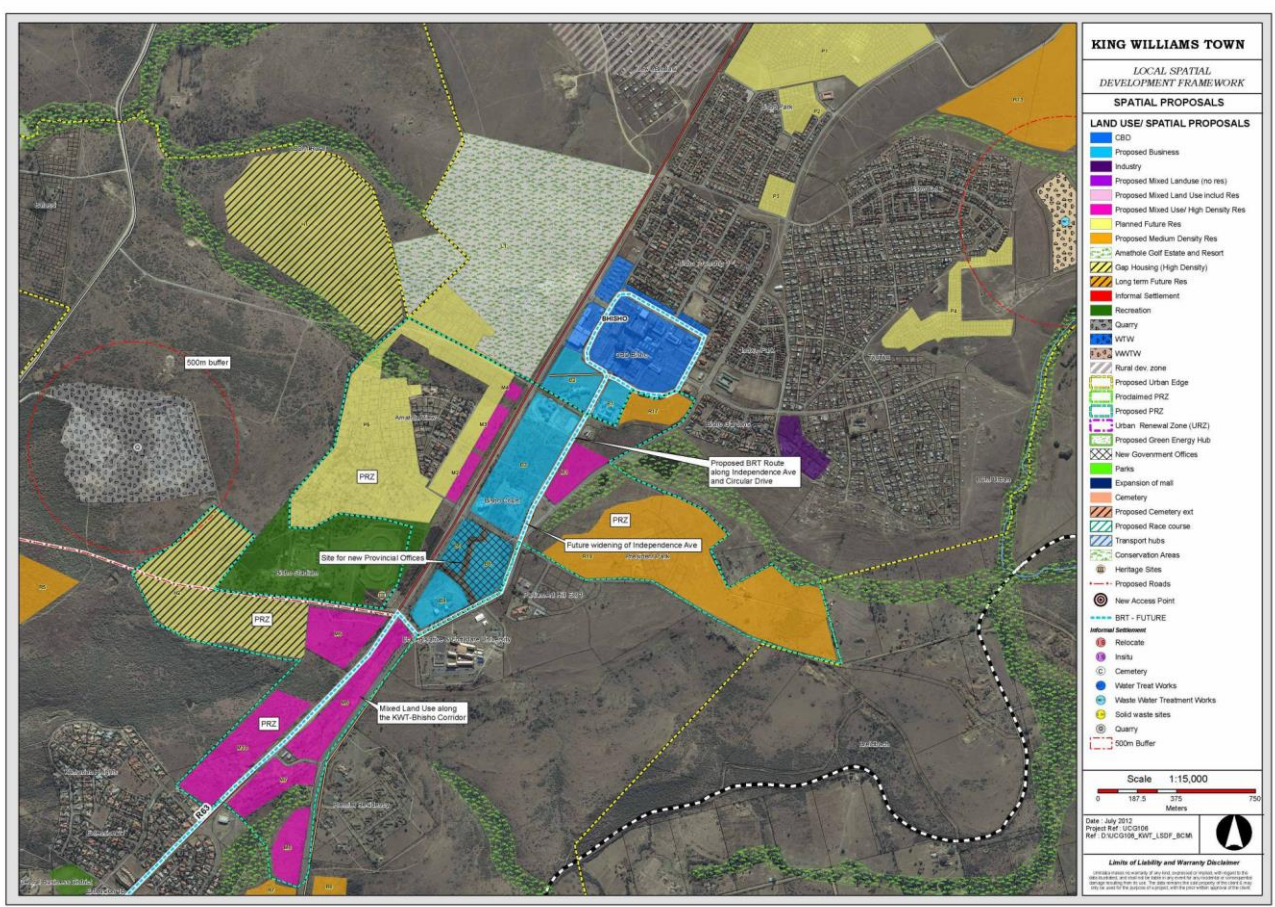


Figure B.44: Bhisho Revitalisation Precinct (Source: Bhisho King William's Town LSDF, 2013)

The revitalisation of Bhisho is to be implemented through a number of Anchor Projects categorised into “quick wins” and medium to long term projects. These include the following projects:

| Timeframe                                 | Project   |
|---|---|
| Quick Wins Projects (< 2 Years)           | Upgrading of Bhisho Memorial  |
|   | Pedestrianisation of portion of Independence Avenue                       |
|   | Waste Recycling   |
|   | Signage   |
|   | Marketing and Communication Strategy                                      |
| Short to Medium Term Projects (2-5 years) | 1. Strategic Spatial Implementation Framework                             |
|   | 2. Bhisho CBD Upgrade and Parking Strategy                                |
|   | Independence Avenue Ceremonial Boulevard                                  |
|   | New Office Precincts: Phase 1   |
|   | Residential Development (Social, Rental and Gap / Affordable Housing)     |
| Long Term Projects (+5 years)             | Office Precinct   |
|   | Affordable and Bonded Housing   |
|   | Partially subsidised Rental Social Housing,                               |
|   | High value privately funded housing projects                              |
|   | CBD Upgrading (Public realm and existing retail facilities)               |
|   | Sports, Recreational and Caravan Park Upgrading into a Multi-Purpose Node |

One of the key challenges to the implementation of the proposals including the release of land is the bulk water and sanitation availability. Notable planning and implementation efforts are underway to resolve the service backlog issues:

- Bulk water supply to the KWT-Bhisho core areas
- A regional solution to Wastewater Treatment (the Zwelitsha WWTW upgrade)

A key project that is part of the Urban renewal process of KWT CBD is the upgrade of the KWT Public Transport Facility which represents the KWT component of the Corridor. Figure B.27 below indicates the proposed public transport route within the Bhisho Precinct side of the Corridor.



Figure B.45: Bhisho Precinct with proposed public transport route (Source: Bhisho King Wiliam's Town LSDF, 2013)

## B2.4. Precinct Planning and Policy Around Economic Nodes

One of the key objectives of local government in carrying out its developmental mandate is to create a conducive environment for economic development. This relates to a number of areas ranging from creating a business-friendly regulatory environment, providing competitive costs of doing business, ensuring the provision of economic infrastructure, swift and predictable turn-around times for approval processes, etc.

Buffalo City Metropolitan Municipality is faced with a myriad of economic challenges, including amongst others:

- Stubborn levels of high unemployment, especially amongst the youth
- Poverty
- Stagnant economic growth with a few economic sectors that are making a meaningful contribution. The manufacturing sector, in particular, is in decline and has seen a lot of job-shedding.
- Dis-investment followed by job-shedding in certain instances
- Skills flight
- Low levels of entrepreneurial activity and low levels of innovation
- Limited economic infrastructure
- Slow turnaround times for approval processes which eventually increase the cost of doing business

On the contrary, the city is full of potential in areas that require significant levels of public sector investment through infrastructure to leverage private sector participation. This ranges from tourism, agriculture and agro-processing,

maritime sector, renewable energy, aquaculture, information and communication technology, to name a few. The state of these sectors and investment opportunities are outlined below.

### **Economic Policies and Strategies**

Creating a conducive economic climate for economic development requires clear and robust strategies and policies, amongst others. The city will therefore focus on the development of key strategies, which include:

- Investment Promotion and Incentive Strategy: The city currently does not have a robust and coherent investment promotion strategy. Further to this, the city also does not have comprehensive incentives package, with the exception of concessions given to the East London Industrial Development Zone. Coupled with the investment promotion strategy will be the incentives strategy, which will investigate the types of incentives that the city can provide to complement the investment incentives available at the national level.
- Finalisation of the Business Needs Assessment Plan. This current project will clarify areas where the city can intervene and support to improve competitiveness and reduce the cost of doing business in the industrial areas.
- Finalisation of the Integrated Agriculture and Rural Development Strategy. There is a draft that requires finalization and adoption by Council.
- Tourism Strategy review. The strategy was adopted by the Council in 2006 and is due for review.
- Finalization of the SMME Strategy
- Finalization of the BCMM Cooperative Development Strategy
- Development of the Informal Sector Strategy
- Development of the BCMM Heritage Policy
- Development of the Arts, Culture and Heritage Strategy

#### ***B2.4.1 West Bank Industrial Node:***

### **East London Industrial Development Zone (EL IDZ)**

The East London IDZ's key mandate is to ensure that jobs are created by attracting foreign direct investment. As a shareholder, BCMM is playing its part to ensure an enabling environment for the IDZ to operate in conditions that allow them to realize their strategic goals by making available an additional 870 hectares of land in the Berlin area. This area, in particular, is an existing industrial area and has been earmarked as the Renewable Energy Hub. It is envisaged that a cluster of activities covering the entire value chain including other complementary industries will be developed in this area. The EL IDZ will tap into its existing Renewable Energy Training Centre for skills.



The EL IDZ has already played a major role in the economy and has so far achieved the following:

- Created about 3 435 direct jobs with an annual salary bill of R521million
- Companies in the zone generate R7,6 billion turn-over per annum
- Exports 36% of its products
- Signed four (4) new investments in 2016/17 to the value of just over R1 billion and 1 400 jobs in the pharmaceutical, aquaculture, green economy and ICT sectors.
- Expansion by three existing investors including renewable energy.

There is currently a process underway to renegotiate the incentives which would be applicable to the IDZ over the medium term. The next three years will also see the implementation of the various co-operation agreements dealing with matters of mutual interest and broader community benefit such as waste to energy initiatives, aquaculture incubation, research and development as well as innovation through the Science and Technology Park (STP).

An arterial road (3km) linking the EL IDZ, MBSA and the Port is also on the cards to reduce the distance and time and improve efficiencies in preparation for the production of the W206 Model.

There is currently a process underway to renegotiate the incentives which would be applicable to the IDZ over the medium term. The next three years will also see the implementation of the various co-operation agreements dealing with matters of mutual interest and broader community benefit such as waste to energy initiatives, aquaculture incubation, research and development as well as innovation through the Science and Technology Park (STP).

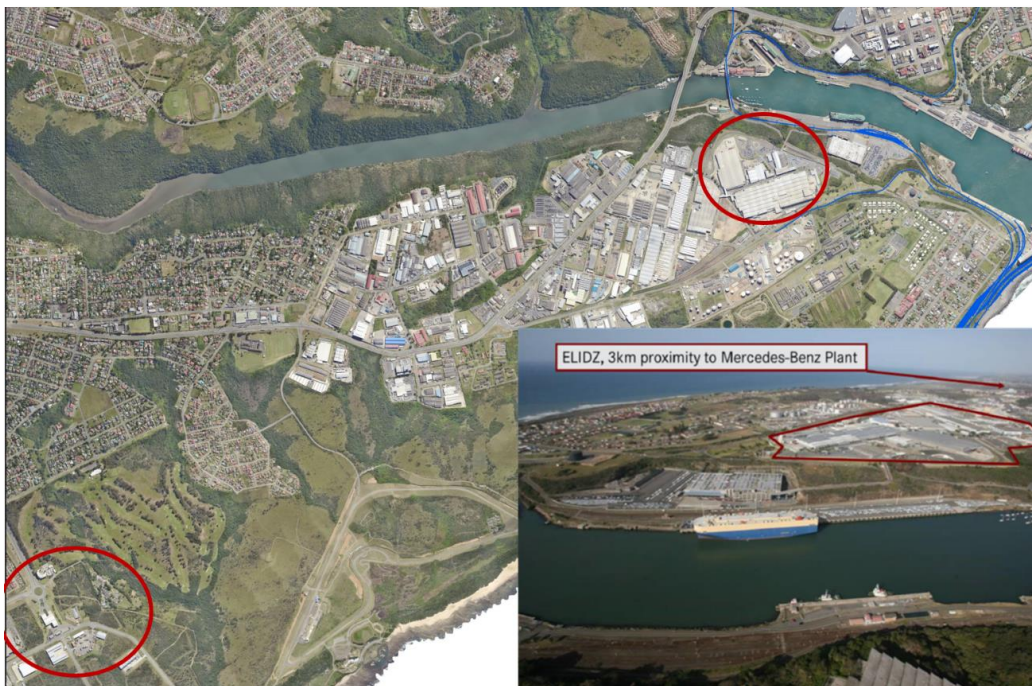


Figure B:46: Proposed expansion of the Mercedes Benz Plant

An arterial road (3km) linking the EL IDZ, MBSA and the Port is also on the cards to reduce the distance and time and improve efficiencies in preparation for the production of the W206 Model.

### B2.4.2 Port of East London

The Port of East London has outlined a pipeline of projects to the value of R515m in the next three years and over R2, 9bn over a ten-year period. These projects include replacement of the Buffalo Bridge, expansion of the Car Terminal, Signal Hill development, tourism and leisure facilities, ship building and repairs facility as part of Operation Phakisa.

Transnet will also establish a Maritime Training Centre and a site has already been identified within the port precinct. This will further add to the current maritime studies offered by Ngwenyathi and George Randell high schools located in Buffalo City

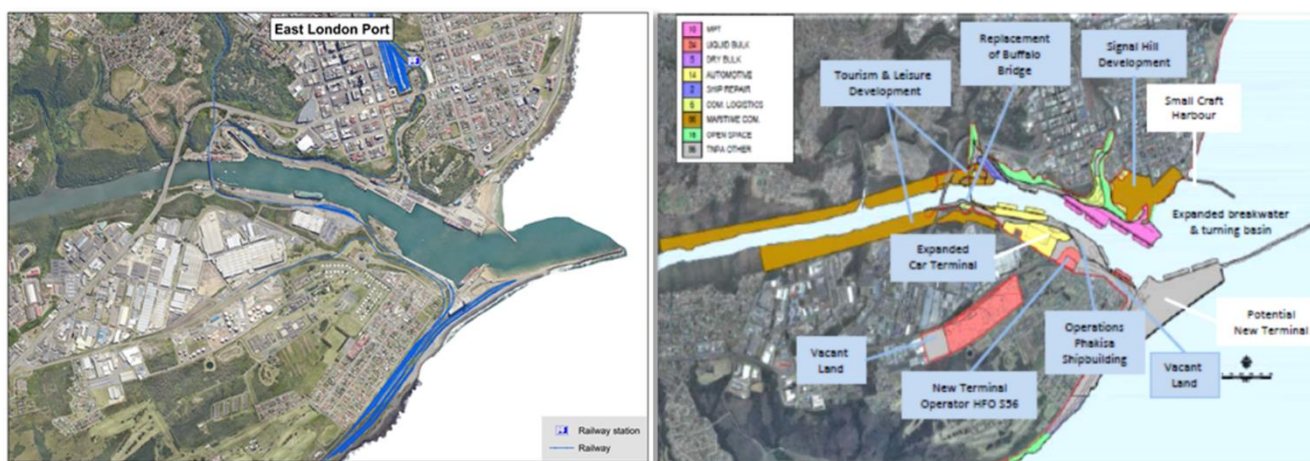


Figure B.47: Proposed Port expansion – Medium to Long Term (Source: Port of East London)

Whilst the above plans are afoot, the deepening of the port to accommodate bigger vessels is not on the cards yet though the presence of the Board of the National Ports Authority in East London in March 2019 has highlighted the issues faced by the Port and commitments at a National level to improve the status quo have been made.

The above-mentioned projects, in the main, will contribute immensely to the tourism product offerings in the city has far reaching implications for the entire regional economy.

### Informal Trading

The city is formulating a policy for street trading and informal sector trading. The aim is to formalise the sector as a growing sector in the economy of Buffalo City Metropolitan Municipality. The fresh produce market is an example of the supporting infrastructure for this particular sector.

The Fresh Produce Market, which is owned by Buffalo City and based in Wilsonia envisages the development of a feasibility study and a master plan in 2017/18 to investigate the expansion of the trading area to create a larger distribution centre and any other complementary business activity.

#### ***B2.4.4 Township Industry Revitalisation***

##### **Township Economy**

The Township Economy has been identified as a major development priority. Businesses in the township are marginalised from the mainstream economy. BCMM is fully committed to revive the township economy by focusing on SMME development. The City will partner with the Department of Small Business Development and DTI to turn township from mainly areas of consumption to areas of productivity. This will best be achieved by intervention in the value chain of production to ensure products are produced and sold in the townships, infrastructure development will act as an enabler to reviving the township economy.

Another intervention is focusing on developing, supporting and promoting township tourism. BCMM is home to a number of townships with rich culture and heritage which can be developed and promoted. In promoting township tourism, BCMM developed a township tourism route which links up a number of sites located in the following areas: Duncan Village, Mdantsane, Berlin, Zwelitsha and Dimbaza. These seeks to promote the lifestyle, culture and heritage of the local people.

##### **Dimbaza Agri-Park**

As alluded to in Section B1.4.3, a fully-fledged business case has been developed for the revitalization of the Dimbaza Industrial area which is championed by the Eastern Cape Development Corporation (ECDC) as the landlord, supported by the DTI, Department of Rural Development and Land Reform (DRDLR). BCMM has pledged its support for this initiative, which is envisaged to be executed over a 10-year period with an investment of approximately R1, 3 billion. About R865 million is anticipated from the private sector whilst the rest is expected to come from the public sector through infrastructure upgrade, business development support, etc. Over 3 000 direct jobs are anticipated from this development.

Over and above the Agri-Park, the Dimbaza Industrial Park will also attract investors from other sectors such as plastics, chemicals, steel and construction related industries. Ikusasa Green (Pty) Ltd, which manufactures eco cooler boxes and supplies Massmart has already established itself in the 2016/17 financial year. Other investors are conducting due diligence and raising capital to set-up in the coming year or two.



This area has been faced with growing socio-economic challenges, such as major infrastructural decay, job losses, and flight of industries, amongst others. Part of the plan to revive this industrial area has been to develop the economic infrastructure in the surrounding communities and human settlements for increased economies of scale.



Figure B.48: Proposals for the Dimbaza Eco-Industrial Park

### B2.4.5 East London Airport

The current capacity of the Airport can accommodate up to 1, 2 million passengers and currently the traffic is around 800 000 passengers per annum. In terms of projections an expansion is required in the next three years, which will also accommodate air freight requirements and a provision for intercontinental flights. This requires the extension of the runway, which regrettably is illegally occupied as a squatter camp.

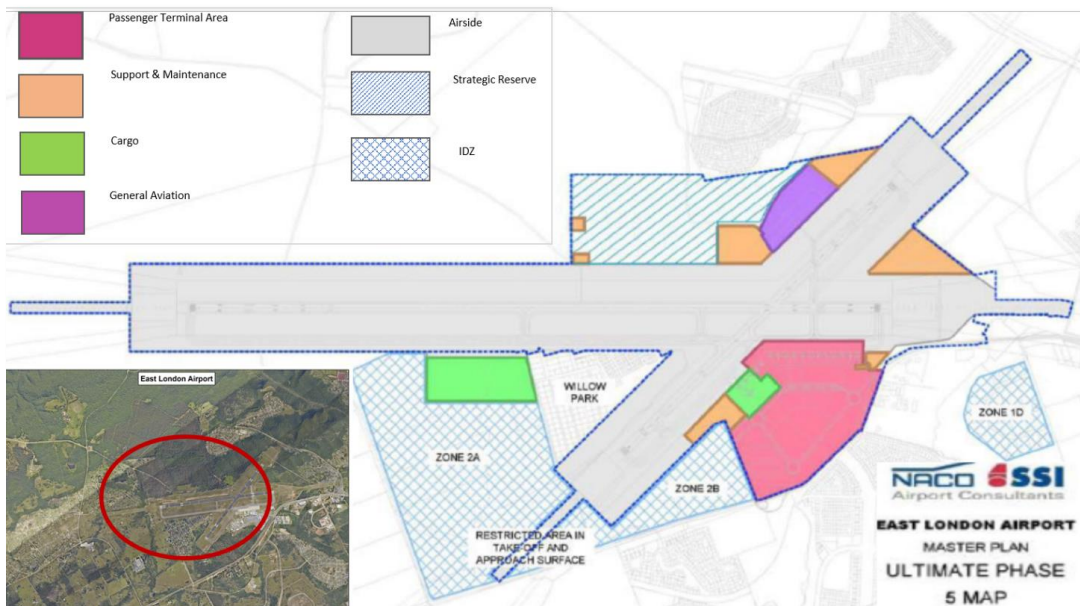


Figure B.49: Proposed airport expansion plan (Source: ACSA 2018)



### **B3. INSTITUTIONAL ARRANGEMENTS**

The National Treasury Guidance Note is very clear on the intention of better alignment both horizontal in the institutional but also vertically between the spheres of government and State Owned Enterprises. It states that the alignment of provincial infrastructure to metropolitan priorities will be done via the relevant Provincial Treasuries who co-ordinate the IDP's and IDMS with guidance from National Treasury.

Every effort has been made to engage with other spheres of government and state-owned enterprises through the BCMM IGR, IDP and One-Plan processes. These engagements are ongoing, and the Metro has striven to move towards greater joint planning processes through formalised engagement with all three spheres of government.

## SECTION C : CATALYTIC LAND DEVELOPMENT PROGRAMMES & PREPARATION

### C1. CATALYTIC LAND DEVELOPMENT PROGRAMME IDENTIFICATION

As outlined in Section B1 earlier, the five Catalytic Land Development Programme Areas identified for the BCMM are;

1. East London CBD and Inner-City Regeneration
2. MELD Corridor Central
3. Mdantsane Urban Hub
4. West Bank Logistics Hub / Corridor (Port – MBSA – IDZ – Airport)
5. Bhisho – Qonce (King William’s Town) – Zwelitsha Corridor

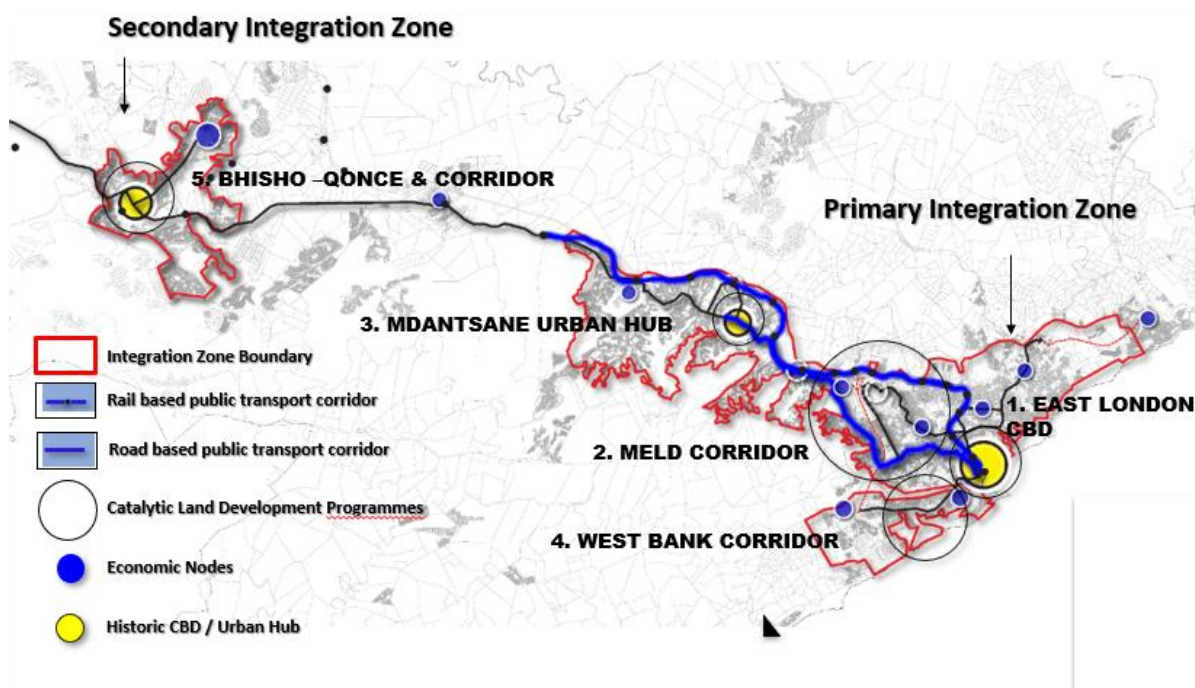


Figure C.1:

BCMM: Catalytic Urban Development Programmes (Source: BCMM BEPP 2019-20)

### C2. CATALYTIC LAND DEVELOPMENT PROGRAMME PREPARATION

Annexure 1 of this document is a schedule of the Catalytic Urban Development Programmes of the BEPP and contains details of projects planned and budgeted for within the Primary and Secondary Integration Zones.

## C2.1 East London CBD and Inner-City Regeneration Programme

The East London CBD and Inner-City Regeneration Programme fosters visible investment in the East London CBD and Inner-city area in order to promote a unique city identity as well as to spur additional investments in the centre of the city. High impact projects would focus on improving the quality of the area which would in turn strengthen investor confidence and growth.

The key planned sub-programmes and projects that form a part of this programme include;

- Buffalo City Knowledge and Innovation Precinct
- East London Beachfront Development
- Development of the Sleeper Site
- Development of the City to Sea Boulevard
- Development of the East Bank by Port Authorities (Signal Hill and Latimer's Landing)

Further projects that fall within this programme and details thereof are found in the Annexure 1: Catalytic Land Development Programmes.



Figure C.3: BCMM: Current and planned projects within the East London CBD Urban Development Programme (Source: BCMM BEPP 2022-23).

### ***C2.1.1 Buffalo City Knowledge and Innovation Precinct***

The Buffalo City Metropolitan Development Agency (BCMDA) has engaged the Human Sciences Research Council (HSRC) to initiate a consultative process to unlock the regeneration of the Inner-City of East London. The following concept note on the Buffalo City Knowledge and Innovation Precinct is prepared by the HSRC (March, 2019) in collaboration with the BCMDA and City through discussions convened by the Municipality's Enterprise Management Office (EMO) and GTAC. The first phase of the project is concerned with the establishment of a City Improvement District and will be elaborated on further in Section F of the document which addresses urban management of key catalytic precincts.

The second phase of the project is structured around the universities and medical institutions – so-called “eds and meds” – which are anchored in the inner city. The project is a multi-stakeholder, multi-year initiative, which seeks to realise Buffalo City's potential through knowledge production and innovation, preparing it for the changes associated with the fourth industrial revolution. The project seeks to encourage the diversification of the urban economy through a strategy which builds on numerous small, significant interventions that seek to rebrand the inner city, forging a number of development nodes which are then connected as a coherent area to help to drive the city's broader growth. The development philosophy underpinning the initiative is predicated on a “massive small” approach which focuses on many little interventions which will have a large cumulative impact on the city's image and orientation. This kind of approach also builds confidence among stakeholders over time as impacts are realised.

Key “eds and meds” stakeholders participating in the project include: the University of Fort Hare in the south city-centre, Walter Sisulu University in the central business district (CBD), and Buffalo City TVET college on the northern edge of the city centre in Southernwood. There are also a number of private and provincial hospitals and medical-service businesses and practices in the inner-city area, particularly Southernwood, which are potential nodes for science in the city. A priority concern is to seek to retain WSU as an anchor tenant in the CBD (and conserve the rates and other contributions to the municipality's coffers that may otherwise be lost). In terms of the development approach employed the project which promotes the physical clustering of anchors in the area in order to galvanise larger knowledge development, WSU should be wooed to stay. To this end, the project also encourages the establishment of additional high-end educational institutions and facilities in the inner city, in particular those engaged in the engineering, information and communications technology (ICT) and marine science sectors, including at the post-graduate level. In addition, to the so-called “anchor” institutions in the area, a number of other agencies and institutions working in knowledge production for development, such as the Industrial Development Zone (IDZ) and potential private-sector partners, would also be potentially engaged to uplift the area economically.



Local planning efforts will be synergised in support of the knowledge and innovation project, the aim being to align the institutional master plans to create the conditions for growth in the innovation and creative industries in the inner-city. Public land for development may be made available in return for the provision of certain knowledge-production and training capacity within the area by the anchor institutions and other education providers.

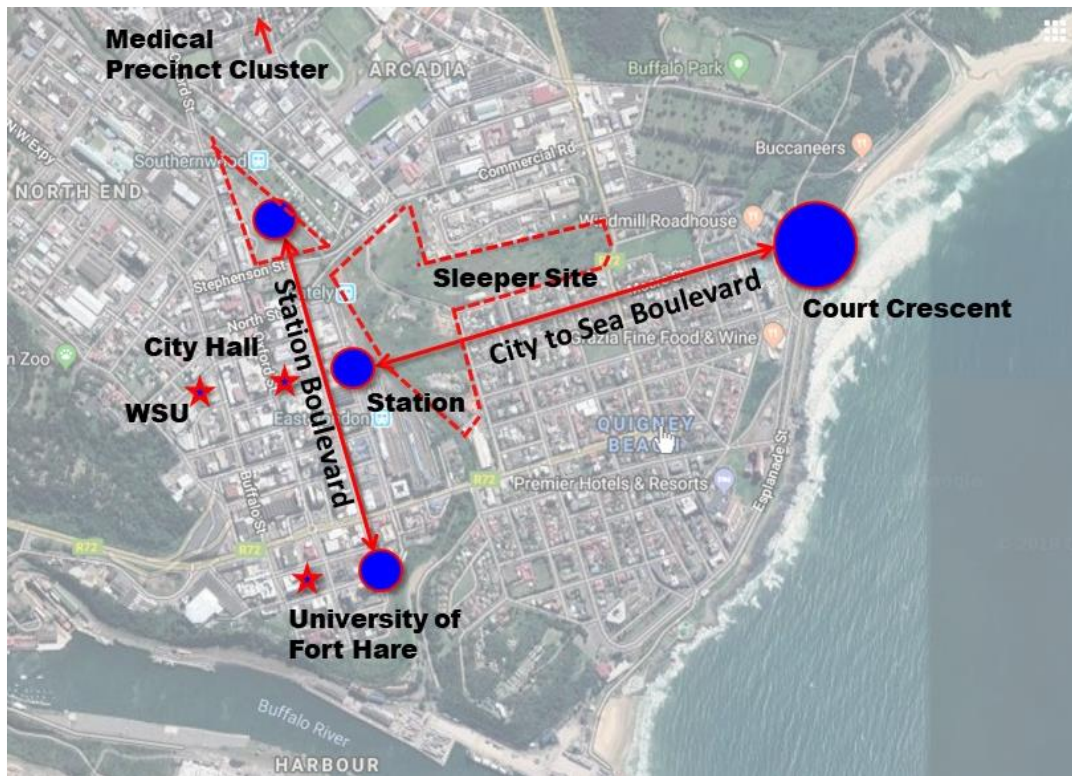


Figure C.2: BCMM: Anchor Projects: Inner City Catalytic Urban Development Programmes (Source: BCMM BEPP 2019-20)

The spatial focus of the above second phase of project is on the south-city centre, which hosts Fort Hare’s campus; the CBD where WSU is located; and Southernwood, where most of the “meds” and the Buffalo TVET College. Some nodes will develop faster than others and some will need to be reconceptualised as the project develops, depending on the level of investment in different areas. These districts are then connected via pedestrian thoroughfares and sidewalks, parks, transit routes and cycle paths to produce larger developmental impacts.

The project will seek to leverage local property, transport, ICT and telecommunications, and other infrastructure to promote its goals. A particular objective is to tap into the G5 connectivity that will be available within the East London IDZ. The innovation project will further seek to foster a local media industry, including through the provision of film and music-making opportunities in the inner city. A key aim is to foster local enterprise by offering relevant training and creating new economic opportunities. Stakeholders who can support this vision, such as Vega School, which offers design, marketing and branding training, and AFDA: The School for the Creative Economy, may be wooed to the area. Students and youth will be engaged in such cultural/economic development, as well as in the establishment and maintenance of an appropriate physical environment with the necessary services and facilities to support their

education and knowledge-production efforts. One of the project's key objectives is skills development as part of the creation of a knowledge economy. Using the anchor-institution model, the project seeks to achieve this by aggregating youth talent – particularly among students – which can create the conditions for development. Supporting the engagement of students in the project, significant funding for student accommodation from the Department of Higher Education and Training (DHET) may be tapped. This could be used for new housing or to retrofit existing stock.

As investment gains momentum, it is critical that the city authorities ensure that public access is ensured and that the ill-effects of gentrification, such as through the emergence of gated communities, do not undermine the social contract between the city and its citizens in the area. The improvement work will engage local communities and foster their creative and economic development. It will seek to empower local youth, particularly by creating jobs; offer black economic empowerment (BEE) opportunities for local businesses; and create a more family- and child-friendly environment, including through the hosting of inclusive social and cultural events. For the municipality, an improved area will boost revenues in the form of rates, and water and electricity charges.

The project will be led by the BCMDA and the municipality's Enterprise Program Management Office (EPMO), which will implement and coordinate the plan on behalf of the city. In order to produce a smarter city, it will initially entail creating incremental improvements in the public realm, access routes and transport. Building on phase one of the project (see Section F1.3), a number of demarcated blocks around Buffalo Street/ WSU junction and the UFH precinct will be targeted for improvement. A budget for inner-city cleaning and safety improvement will be consolidated, which would, among other actions, cover daily city clean-ups and the cost of placing and regularly servicing branded skips placed in the area. The project will institute pavement repair, street lighting and proper signage in these areas and attend to the local public spaces and parks. Application will be made for increased policing in the inner city; and for funds for a student citizenship campaign, in which the BCMDA and EPMO work with the universities on student-led place-making initiatives. Planning will be instituted for a city hopper "campus-to-campus" shuttle service linked to branded bus stops, as well as a number of combi taxis and vans which may be paid for by the city and run by the taxi association. The private transport may be accessed by a dedicated transport app for students and other local residents. These transport services will run all day and also after hours to service the night traffic to the WSU/UFH/University of South Africa (UNISA) library. Rates rebates for inner-city anchors such as St Dominic's should be considered as part of a business retention strategy. The rates rebates could be made conditional and may be removed when the city meets its improvement targets in the precinct. A clear message will be sent to those who pay rates in the three nodes that the municipality is committed to fixing up their neighbourhoods. A launch event emanating from a public competition in the field of the creative and performing arts will be held. This will offer a voice for local artists and/or students, as well as pupils. The competition will culminate in a celebration of Buffalo City's identity as a modern, creative, inclusive city intent on progress, which may feature an art show and musical/dramatic performances.

### ***C2.1.2 Development of the Sleeper Site***

The Sleeper Site has been identified as a sub-programme of the East London CBD and Inner- City Regeneration Programme (See Figure C2 above). The CSP with the support of external consultants is currently busy with the preparation of a detailed scoping report for the development of the Sleeper Site sub-programme of the BEPP. The Buffalo City Development Agency (BCMDA) has been mandated by BCMM to develop the Sleeper Site.

### **C2.2 MELD Corridor Central Programme**

The MELD Corridor is the area straddling the main transportation routes (roads and railway) and links the townships of Mdantsane and other previously disadvantaged areas to East London's Central Business District.

The key sub-programmes that form a part of this programme include;

- The Duncan Village Upgrade
- The development of the Amalinda Junction
- The Central to Reeston Tunnel and WWTW will unlock projects within the Amalinda Junction.

Details of current and planned projects within the MELD Corridor Urban Development Programme are found in Annexure 1.

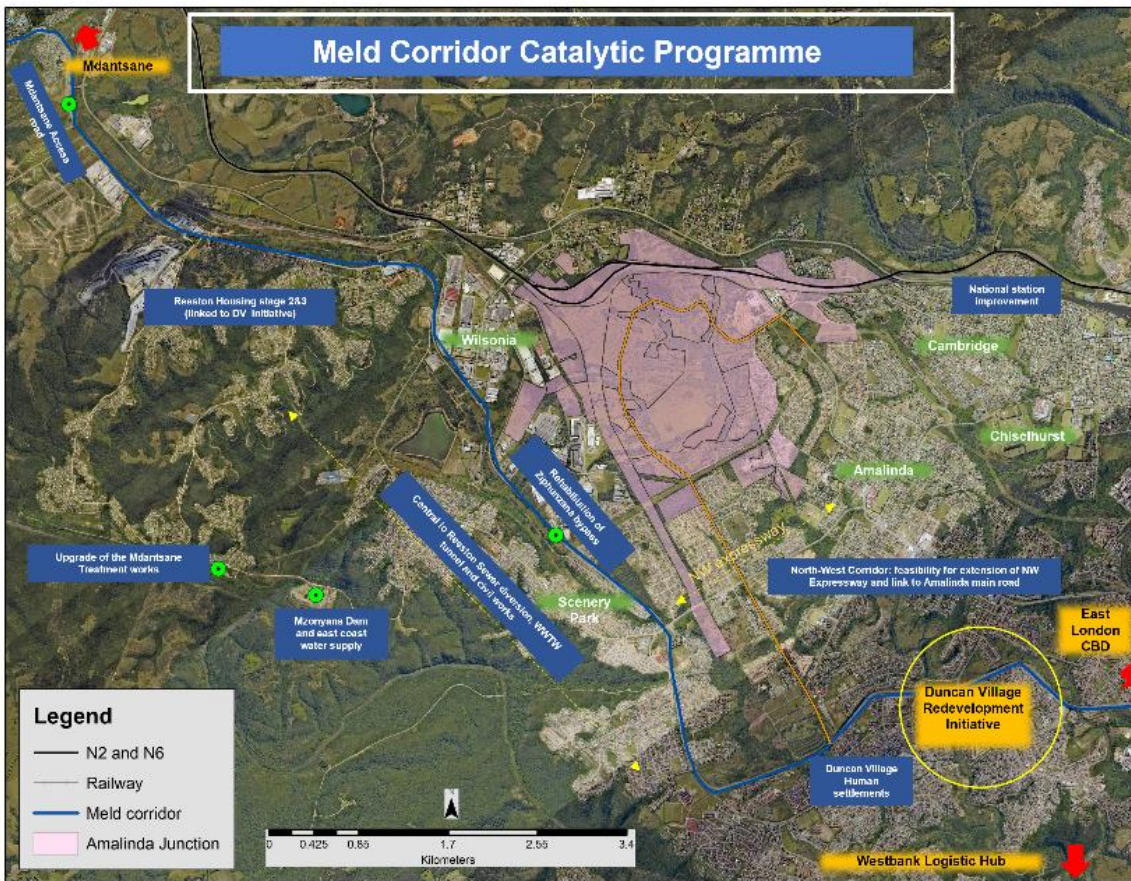


Figure C.4: BCMM: Current and planned projects within the MELD Corridor Urban Development Programme. (Source: BCMM BEPP 2022-23)

### C2.3 Mdantsane Urban Hub

This project focuses on the creation of a self-sustaining, attractive and vibrant Economic Hub that showcases the creative arts, sports, cultural history and identity of Mdantsane. Improved circulation and connectivity in and around the taxi rank, improved social facilities and the development of mixed use and social housing are key projects envisaged for the area. Details of current and planned projects within the above Urban Development Programme are found in Annexure 1. A number of projects in the Hub have gained momentum at the current time including the Toyana Road upgrade and link to the Mount Ruth Station for which concept plans and detailed designs have been done. The project includes public realm upgrades and the provision of social amenities such as mini-parks, basket-ball courts, seating, lighting as well the provision of wi-fi accessibility. Progress has also been made with negotiations with SANRAL to improve the regional accessibility to the hub via Billy Road.



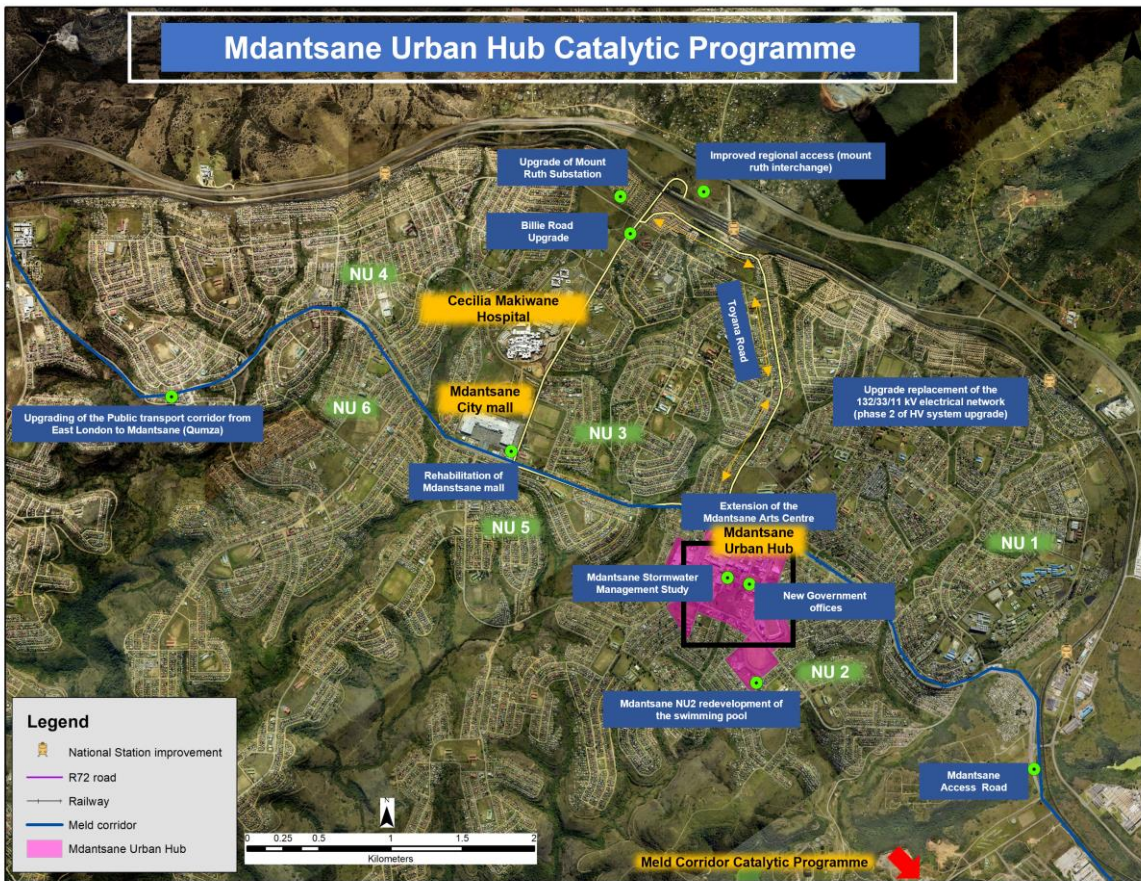


Figure C.5: BCMM: Current and planned projects within the Mdantsane Urban Hub Urban Development Programme. (Source: BCMM BEPP 2022-23)

## C2.4 West Bank Logistics Hub / Corridor Programme

The West Bank area is BCMM's core economic and employment hub and as described in earlier sections of the document, this area has been identified as the Priority Zone 1 in the 2020 SDF. Over the past few years, the West Bank has seen considerable private sector expansion, driven mostly around the recent MBSA W206 investment (of more than R10 billion) and which has seen more than 20 component suppliers located in the East London Industrial Development Zone (ELIDZ) in the West Bank. Stakeholders including the Transnet National Ports Authority (TNPA), Airports Company South Africa (ACSA), the ELIDZ, BCMM, the Department of Economic Development Environmental Affairs and Tourism (DEDEAT), and Mercedes Benz South Africa (MBSA) have come together and jointly planned the development of an East London Smart Logistics Hub, which builds on the opportunities associated with having a top performing exporter, a river-port, back-of-port industrial land with an Special Economic Zone (SEZ), an airport, a race-track (for testing), a science park, a training facility (MBLA), and planned ICT infrastructure (including an ICT centre, under-sea cable landing station, data centre and BPO Park). The global business services sector is a high growth industry for the ELIDZ and West Bank, with more than 15 000 jobs are expected to be created by 2027 (BPESA, GBS Masterplan). The BCMM SDF projects human settlement development upward of 30 000



households over the next 10 years in the West Bank. The proposed infrastructure projects will serve the above massive growth projected for the area over the next few years.

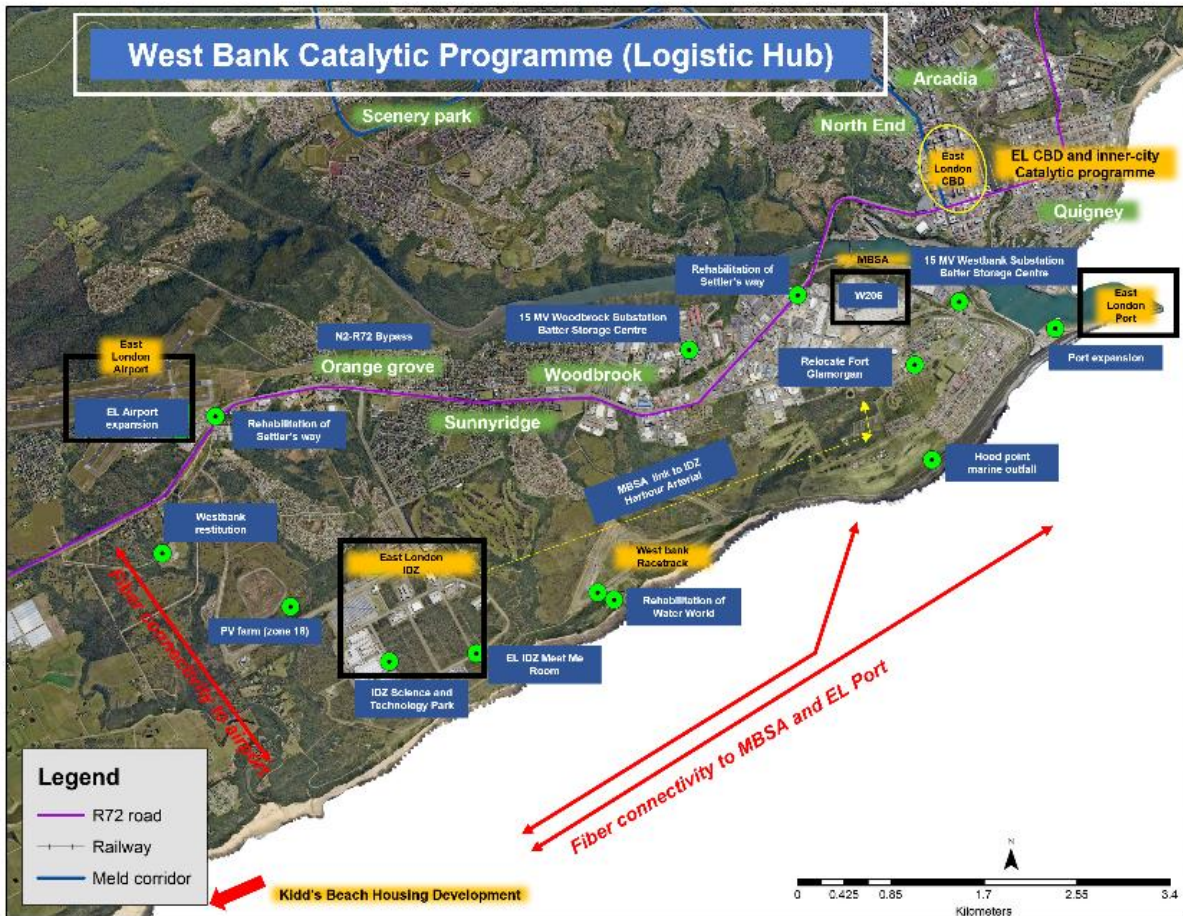


Figure C.6: BCMM: Current and planned projects within the West Bank Economic Corridor Programme. (Source: BCMM BEPP 2022-23)

The Catalytic Programme aims to support investment, improve logistics and boost economic performance within the area and includes a suite of planned and budgeted projects which will enhance the infrastructure capacity as well as assist in unlocking planning and land related issues within the corridor. Further details of projects within this programme are found in Annexure 1 of this document.

The key sub-programmes that form a part of this programme include;

- Port of East London: Extend Main Breakwater and Deepen Entrance
- Revitalisation of the West Bank industrial area/ Motor Industry cluster
- EL Airport Expansion
- IOX International Sea Cable / Meet me Room (ELIDZ)
- Water World (Water Park)
- Bulk infrastructure for the West Bank area



## C2.5 Qonce (Previously King William's Town) - Bhisho – Zwelitsha Development Programme

This KWT – Bhisho – Zwelitsha Programme is made up primarily of the historic CBD / hub of Qonce and the link southwards to the township of Ginsberg as well as the R63 – KWT – Bhisho link northwards from KWT to Bhisho. Bhisho, the administrative hub of the Metro forms a strategic employment node within the area.

Vacant BCMM and State land will be developed for high density housing and mixed land uses. A large part of the KWT- Bhisho corridor is made up of the Bhisho Revitalisation Project and will enhance Bhisho as the capital of the provincial administration. The development of land along the corridor is dependent on the completion of the Zwelitsha Regional Bulk Sewage Scheme which is currently being implemented. Details of projects within this programme are found in Annexure 1 of this document.

The key BCMM projects that form a part of this programme include;

- Zwelitsha Regional Bulk Sewage Scheme
- Bhisho-King Water infrastructure
- Kei Road Bulk Water Scheme

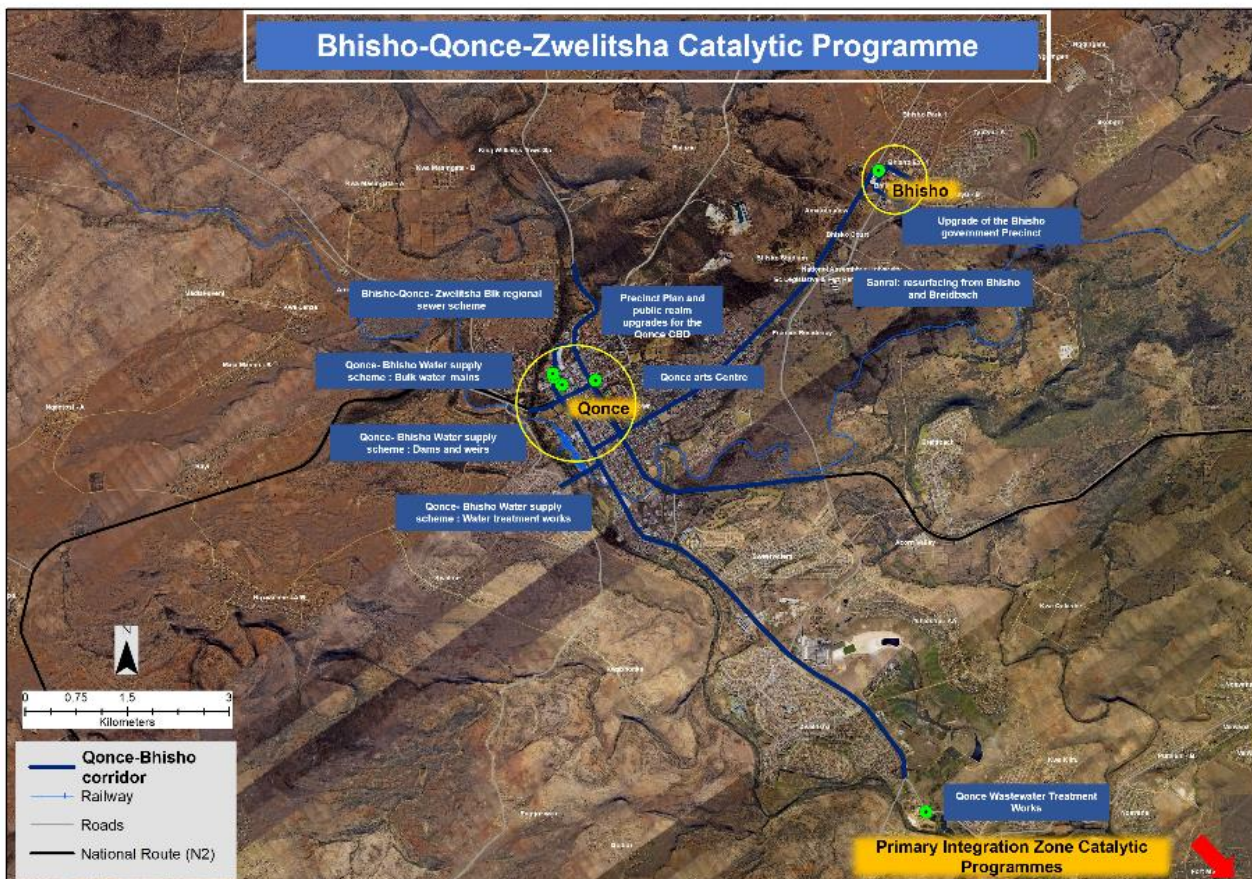


Figure C.6: BCMM: Current and planned projects within the Qonce (King William's Town) / Bhisho Urban Development Programme. (Source: BEPP 2022-23)

## C2.6 Land Release Programme for Catalytic Urban Development Programmes

The Catalytic Urban Development Programmes and subcomponents require release of BCMM land as part of the implementation process:

| Catalytic Land Development Programme      | Precinct / Focus Area   | Status of land release   |
|---|---|--|
| East London CBD Inner City Revitalization | Sleeper Site  | Erven acquired from Transnet will be further subdivided and rezoned based on the Sleeper Site Development processes being undertaken by the Buffalo City Development Agency (BCMDA).   |
|   | East London Beachfront  | 4 Key land parcels will be released for development through this process. BCMM has signed a land availability agreement with the BCMDA in this regard.   |
| MELD Corridor                             | Amalinda Junction Precinct including Wilsonia Industrial area | BCMM land will be subdivided and rezoned once the Sewer Tunnel project is nearing completion.  |
|   | North West Corridor Precincts                                 | BCMM land will be subdivided and rezoned for release based on the outcome of the NWC Feasibility Study.  |
|   | Duncan Village Redevelopment                                  | Some of the land parcels identified in the DV redevelopment are awaiting the completion of the Sewer Tunnel project which has budgeted for on the BCMM 2020-21 Budget.   |
| Mdantsane Urban Hub Precinct              | CBD Land regularization                                       | The registration of unregistered land in the Hub has not progressed effectively and is negatively affecting the proactive development of land within the CBD.<br><br>This project will delay the release of vacant land parcels.<br><br>BCMM and state-owned land is intended to be released in phases according to the priority zones identified. |
|   | High density social housing                                   | The above delays also affect the identification of land for high density housing within the hub.   |



|                      |  |   |
|----------------------|--|---|
|                      | Government Precinct Development:<br>Mdantsane Urban Hub: | National Department of Public Works (NDPW) has prepared a draft MOU with BCMM which has been submitted to the City Manager for consideration. |
| KWT/ Bhisho Corridor |  | Land has been released for the development of the office hub. Erf 4785 to EC Provincial Dept Public Works.                                    |

### Land Disposal and Land Management Policy

A draft Land Disposal and Management Policy has been prepared by BCMM and requires workshopping with Councillors before it can be adopted by Council. The BCMM Land Release Programme is governed by the Land Disposal Policy which is based on the following:

Land will only be disposed if it is not required for basic service delivery needs. No land may be released unless it complies with the SDF.

The BCM and/or its Municipal Entities shall only transfer ownership as a result of a sale or other transaction or otherwise dispose of any of its immovable capital assets in compliance with the provisions of, inter alia, Sections 14 and 90, read with Chapter 11 Part 1 of the MFMA and this policy after the Council of the BCM, in a meeting open to the public: has decided on reasonable grounds that the asset is not needed to provide the minimum level of basic services; and has considered the fair market value of the asset and the economic and community value to be received in exchange for the immovable capital asset. (Section 14(2) and Section 90(2) MFMA).

### C3. INTERGOVERNMENTAL PROJECT PIPELINE

The Intergovernmental Project Pipeline contains details of catalytic projects planned and budgeted for through the IGR Pipeline.

| EAST LONDON CBD AND INNER-CITY CATALYTIC PROGRAMME |                        |                            |                              |                               |                                  |                             |
|--|------------------------|----------------------------|------------------------------|-------------------------------|----------------------------------|-----------------------------|
| Catalytic Projects & Mega Projects                 | Total Value<br>(R'000) | Own (2022/2023)<br>(R'000) | Loan<br>(2022/23)<br>(R'000) | Grant<br>(2022/23)<br>(R'000) | Province<br>(2022/23)<br>(R'000) | SOE<br>(2022/23)<br>(R'000) |
| Sleeper Site Road                                  | R 213,000              |                            |                              | R 25,000<br>(USDG)            |                                  |                             |
| City to Sea Boulevard                              | R 255,000              | R 2,640                    |                              |                               |                                  |                             |
| Court Crescent Implementation (BCMDA)              | R 90,000               | R 30,100                   |                              |                               |                                  |                             |
| Public Realm Upgrades and Greening (PPPSG)         | TBD                    |                            |                              | R 2,582                       |                                  |                             |

|   |           |                          |  | (PPPSG carry-over) |  |          |
|---|-----------|--------------------------|--|--------------------|--|----------|
| Orient Theatre Upgrade (Planned)                                  | TBD       | R 1, 500                 |  |                    |  |          |
| Refurbishment of the Aquarium                                     | R 200,000 | R 400                    |  |                    |  |          |
| Upgrade of Ubuhlanti Park (Marina Glen B) & Little Mauritius      | R 30,000  | BCMDA processes underway |  |                    |  |          |
| Development of Marina Glen  | 1,443,000 | BCMDA processes underway |  |                    |  |          |
| Development of Sea View Terrace                                   | R 267,000 | BCMDA processes underway |  |                    |  |          |
| Development of the Sleeper Site                                   | TBD       | BCMDA processes underway |  |                    |  |          |
| Upgrading of the Zoo  |           | R 400                    |  |                    |  |          |
| East London Station Development: Railway Station Precinct (PRASA) | R 133,897 |                          |  |                    |  | PRASA    |
| Rehabilitation of Latimer's Landing (TRANSNET - East Bank)        | TBD       |                          |  |                    |  | TRANSNET |
| Rehabilitation of Signal Hill (TRANSNET - East Bank)              | TBD       |                          |  |                    |  | TRANSNET |

| MELD CORRIDOR CATALYTIC PROGRAMME                               |                     |                       |                        |                         |                            |                       |
|---|---------------------|-----------------------|------------------------|-------------------------|----------------------------|-----------------------|
| Catalytic Projects & Mega Projects                              | Total Value (R'000) | Own (2022/23) (R'000) | Loan (2022/23) (R'000) | Grant (2022/23) (R'000) | Province (2022/23) (R'000) | SOE (2022/23) (R'000) |
| Mdantsane Access Road   | R580,000            | R 11, 034             |                        |                         |                            |                       |
| Duncan Village Redevelopment Initiative: Human Settlements      | TBD                 |                       |                        | R 16,000 (ISUPG)        | R 9,000 (HSDG)             |                       |
| Reeston Housing Stage 2&3 (linked to DV Initiative)             | TBD                 |                       |                        | R 13,500 (USDG)         | R 5,200 (HSDG)             |                       |
| Central to Reeston Sewer Diversion, WWTW Tunnel and Civil Works | R 500,000           |                       | R 399,254              |                         |                            |                       |
| Rehabilitation of Ziphunzana Bypass                             | R 5,000             | R 1,000               |                        |                         |                            |                       |

|   |           |                              |          |                 |  |       |
|---|-----------|------------------------------|----------|-----------------|--|-------|
| North-West Corridor: Feasibility for extension of NW Expressway and link to Amalinda Main Road. | R 800,000 | Funding allocated in 2024/25 |          |                 |  |       |
| National Station Improvement Programme  | R 50,883  |                              |          |                 |  | PRASA |
| Upgrade of the Mdantsane Treatment Works  |           |                              |          | R20,000 (ISUPG) |  |       |
| Umzonyana Dam and East Coast Water Supply   |           |                              | R 50,000 | R 38,000 (USDG) |  |       |
|   |           |                              |          |                 |  |       |

| MDANTSANE URBAN HUB CATALYTIC PROGRAMME  |                     |                             |                        |                             |                            |                       |
|--|---------------------|-----------------------------|------------------------|-----------------------------|----------------------------|-----------------------|
| Catalytic Projects & Mega Projects   | Total Value (R'000) | Own (2022/23) (R'000)       | Loan (2022/23) (R'000) | Grant (2022/23) (R'000)     | Province (2022/23) (R'000) | SOE (2022/23) (R'000) |
| Upgrading of the Public Transport Corridor from East London to Mdantsane (Qumza) | R 213,000           | R 6,200                     |                        | R 12,000 (USDG)             |                            |                       |
| Improved Regional Access (Mt Ruth Interchange)                                   | R 68,403            | IGR prioritisation required |                        |                             |                            |                       |
| Billie Road Upgrade & Toyana Road pedestrian link to station                     | R 91,000            |                             |                        | R22, 473, 723 (NDPG & USDG) |                            |                       |
| Extension / Upgrade of Mdantsane Arts Centre                                     | R 4,000             | R 2,000                     |                        | R 4,000 (USDG)              |                            |                       |
| Redevelopment of Mdantsane Sport Precinct NU2 Swimming Pool                      | TBD                 |                             |                        |                             |                            |                       |
| Rehabilitation of Mdantsane Mall   | R43,000             |                             |                        |                             |                            | ECDC                  |
| Mdantsane Stormwater Management Study  | R1,500              |                             |                        | R1, 322 (PPPSG)             |                            |                       |

| WEST BANK ECONOMIC CORRIDOR AND LOGISTICS HUB |                     |                       |                        |                         |                            |                       |
|---|---------------------|-----------------------|------------------------|-------------------------|----------------------------|-----------------------|
| Catalytic Projects & Mega Projects            | Total Value (R'000) | Own (2022/23) (R'000) | Loan (2022/23) (R'000) | Grant (2022/23) (R'000) | Province (2022/23) (R'000) | SOE (2022/23) (R'000) |
| Water World (Water Park): BCMDA               | R 103, 000          | R17, 000              |                        |                         |                            |                       |
| Hood Point Marine Outfall                     | R 270, 000          |                       |                        | Moved to outer year     |                            |                       |

|   |   |           |  |                     |  |  |
|---|---|-----------|--|---------------------|--|--|
|   |   |           |  | (USDG)              |  |  |
| Rehabilitation of Settlers Way  | R428, 000   | R184, 636 |  |                     |  |  |
| West Bank Restitution – Housing 2000 Units                            | R192,185  |           |  | R18,728<br>(USDG)   |  |  |
| New Road Link from MBSA to IDZ / Harbour Arterial Project Preparation | R348, 548   |           |  | R 3, 146<br>(PPPSG) |  |  |
| 15 MV Woodbrook Substation Battery Storage Centre                     | R777, 606. Funding to be allocated following feasibility study  |           |  |                     |  |  |
| 15MV Westbank Substation Battery Storage Centre                       | R757, 191 Funding to be allocated following feasibility study   |           |  |                     |  |  |
| Relocate Fort Glamorgam Prison  | TBA   |           |  |                     |  | ( EL IDZ)                                    |
| PV Farm (ZONE 18)   | TBA   |           |  |                     |  | (EL IDZ)                                     |
| Science and Technology Park   | R325 000 000  |           |  |                     |  | (EL IDZ)                                     |
| International Sea Cable/ Meet me Room Data Centre                     | R175 000 000  |           |  |                     |  | (EL IDZ)                                     |
| EL AIRPORT: EL Lounge Expansion                                       | R72,000   |           |  |                     |  | ACSA Project deferred to complete masterplan |
| N2-R72 Bypass   | R450, 000<br>Project not initiated. IGR prioritisation required |           |  |                     |  | SANRAL                                       |
| Port of East London: Extend Main Breakwater and Deepen Entrance       | R 1 500,000   |           |  |                     |  | TRANSNET                                     |

| BHISHO- QONCE (KWT)- ZWELITSHA CORRIDOR                          |                     |                          |                              |                               |                                  |                             |
|--|---------------------|--------------------------|------------------------------|-------------------------------|----------------------------------|-----------------------------|
| Catalytic Projects & Mega Projects                               | Total Value (R'000) | Own (2022/23)<br>(R'000) | Loan<br>(2022/23)<br>(R'000) | Grant<br>(2022/23)<br>(R'000) | Province<br>(2022/23)<br>(R'000) | SOE<br>(2022/23)<br>(R'000) |
| Precinct Plan and Public Realm Upgrades for the Qonce (KWT) CBD. | R3,000              |                          |                              | R2,008<br>(PPPSG)             |                                  |                             |
| Bhisho – Qonce (KWT) - Zwelitsha Bulk Regional Sewer Scheme      | R 700,000           |                          |                              | R 4,000<br>(USDG)             |                                  |                             |
| (Kei Road) Qonce-Bhisho Water Supply Scheme: Bulk Water Mains    | R 700,000           |                          |                              | R 5,000<br>(USDG)             |                                  |                             |
| Qonce Art Centre   | TBD                 | R 1,000                  |                              |                               |                                  |                             |
| Bhisho Government Precinct                                       | TBD                 |                          |                              |                               | Prov-DPW                         |                             |
| SANRAL: Resurfacing from Bhisho & Breidbach                      | R508,000            |                          |                              |                               |                                  | (SANRAL-TBC)                |



## **C4. INSTITUTIONAL ARRANGEMENTS**

### **C4.1 Project Preparation for selected key catalytic urban development projects (leverage of investment through partnerships)**

#### ***C4.1.1 East London CBD and Inner-City Regeneration: Institutional Arrangements for the Knowledge and Innovation Precinct***

An appropriate governance framework will be established to incentivise and target investment in the two-phase “Buffalo City Knowledge and Innovation” project. The BCMDA will play a leadership role in establishing the governance structure across the whole project and that for phase one, providing the required deliberate, sustained, focused and visionary engagement and offering the capacity to work across departments in the municipality to establish the appropriate operational and financial arrangements. The project should be established as an entity/partnership with a steering committee/advisory group featuring the key stakeholders: representatives from the BCMDA; the relevant municipal departments; the “eds and meds”; local chambers of commerce and ratepayers’ associations; student bodies; and the South African Police Service (SAPS) police and other local providers of security services. Key municipal officials will be engaged either on the steering committee or on subsidiary project committees that may be established in the fields of spatial planning and coordination; community safety; communications; recreation and culture; transport; property development; skills and enterprise development.

The roles and specialisms of the various members of the steering group would be clearly defined. The group’s key functions will include the crucial work of consulting with, and building the required relationships among, the key stakeholders, including within the leadership and relevant planning departments of the anchor institutions and the municipality, and with private, ICT and enterprise sectors. The groups’ functions will also include an ambassadorial role to promote the project more widely within the city and beyond, wooing appropriate investment. The steering committee/advisory group should produce an appropriate mandate, schedule and budget for the project and oversee its branding. The legal status – responsibilities and accountability – of the steering group should be established. A preliminary series of scheduled, bilateral meetings and consultation will be held, including with independent, non-committed stakeholders. This will lead to the establishment of a workshop featuring the identified key players at which the composition of the steering committee/advisory group will be agreed.

A report and draft Memorandum of Understanding (MoU) will be produced from the meeting and distributed for comment, feedback and agreement among the key stakeholders. A final draft of the MoU will be signed at a special ceremony hosted by the executive mayor, the vice-chancellors of the local universities and business leaders to symbolise the beginning of a new partnership and era. These individuals will act as the face of the new relationship.

A number of programmes may be extracted from the MoU and other key project documents under the guidance of the steering committee to be jointly implemented by the relevant local and national government, private-sector and university stakeholders. These should form the basis of a service-level agreement (SLA) or agreements, in which the parameters and benefits of the new partnership approach are clearly outlined. Annual targets should be set for the achievement of measurable progress on these programmes; and regular future stakeholder, and perhaps public, meetings should be convened to consider the progress made in implementing these programmes, particularly those for providing student accommodation, transport and cultural amenities; improving the safety and liveability of the inner city; and fostering economic growth.

The innovation knowledge management cluster, educational and economic resources will be supported. An improved quality of life through the creation of vibrant city spaces, cleaning and greening will seek to enhance city image. Public transport and connectivity will be improved, through improvement of key pedestrian spaces and streets. Key projects in the CBD Revitalization are the Sleeper Site development and CBD upgrades. Opportunities for transit-oriented development (TOD) through encouraging of quality affordable infill housing and promotion of mixed land uses, will be looked at. Linkages to the beachfront and other potential recreational areas will be strengthened and improved.

#### ***C4.1.2 West Bank Economic Corridor: Institutional Arrangements***

##### **MOU between the Transnet National Ports Authority, BCMM and the ELIDZ**

The above agreement has been signed on 12 March 2019. The purpose of the agreement is outlined as follows:

- To provide a common platform for constructive engagement on various issues affecting the Port, the Municipality and ELIDZ;
- To identify and disclose planning initiatives and development projects of mutual interest as well as issues of common interest between the Authority, the Municipality and ELIDZ especially those dealing with:
  - the spatial planning land use development and infrastructure development in the Port, the Municipality and ELIDZ;
  - strategic planning for economic development and growth of the region;
  - promotion, attraction and servicing of investors in the Buffalo City
  - lobbying and advocacy for future development of the region
  - community development and social upliftment
  - collaborative research and sharing of best practices
  - packaging, fundraising and implementation of strategic catalytic projects
  - transportation planning in the Port, the Municipality and ELIDZ;

- traffic management in the Port, the Municipality and ELIDZ;
  - planning and development of special projects initiated by any Party;
  - tourism;
  - environmental matters including the Integrated Coastal Management Act; estuarine management plans and pollution of port waters via storm-water drains;
  - financing of any joint projects between two or all of the parties may agree to in relation to the Port;
  - safety and security matters in the Port, the Municipality and ELIDZ;
  - provision of services which include water, rates, electricity, waste management;
  - co-operation for the benefit of the citizens of the Municipality, the region and the nation; and
  - development of the industry in the region and, especially the development of the maritime industry in the Port, the Municipality and the ELIDZ.
- To collectively identify, and, if agreed between the Parties, develop, projects and identify sources of funding for such projects and initiatives;
  - To foster and promote sound Port/Municipality/ELIDZ relationships whereby opportunities for networking and partnerships are enhanced;
  - To ensure appropriate representation in both existing and future structures;
  - To act as a dispute resolution mechanism between the Parties.

#### ***C4.1.3 Mdantsane Urban Hub: Institutional Arrangements for the Government Precinct***

##### **MOU between the National Department of Public Works (NDPW) and BCMM**

The above agreement has not yet been signed however a draft MOU has been submitted by the NDPW to the City Manager, BCMM for due consideration and signature.

The intention of the MOU is to address the following specific aspects in the BCMM jurisdiction:

- Identification, funding, development and urban management of government precincts
- Development of and sharing of information regarding immovable assets and lease agreements that will support integrated development
- The MOU is the first agreement that aims to define the input of parties with regard to input into revision of BCMM's MSDF, IDP, BEPP, Mdantsane Urban Hub Precinct Plan (MUHPP) and any other approval spatial planning documents.

## C4.2 Risk Mitigation Strategies

Risk Committee meets on a quarterly basis chaired by Chief Risk Officer and departments report on progress made using the Risk Register. As departments identify projects, they identify risks. The risk committee will consider the following identified risks in their quarterly meeting.

Risks identified and possible actions to mitigate the risks:

Sewer diversion from Central to Reeston:

| Risk  | Possible Action   |
|---|---|
| <ul style="list-style-type: none"><li>Land invasion</li></ul> | <ul style="list-style-type: none"><li>Cordon off area for development</li><li>Write a report to council for possible relocation</li></ul> |

Mdantsane Urban Hub:

| Risk  | Possible Action  |
|---|--|
| <ul style="list-style-type: none"><li>Land ownership and registration</li></ul> | <ul style="list-style-type: none"><li>Committee will be formed, BCMM, Deeds, COGTA and conveyancer to cancel deed of grants and move them to alternative land</li><li>The deed of grants was granted by former Ciskei and from the new government</li><li>There is a duplication of grants</li><li>Possible relocation</li></ul> |

Inner City Revitalisation-Sleeper Site:

| Risk  | Possible Action  |
|---|--|
| <ul style="list-style-type: none"><li>Possible land invasion if the site is cleared.</li></ul>                                      | <ul style="list-style-type: none"><li>Refrain from clearing the land until the time of project commencement.</li></ul> |
| <ul style="list-style-type: none"><li>Financial risks infrastructure: borrowing money (tariffs might not cover the loan).</li></ul> | <ul style="list-style-type: none"><li>Risk study of tunnel project available.</li></ul>                                |

## SECTION D : CATALYTIC URBAN DEVELOPMENT PROGRAMME RESOURCING

### D1. LONG TERM FINANCIAL SUSTAINABILITY

#### D1.1 Investment Strategy for Catalytic Urban Development Programmes

The institution receives conditional capital grants from National Government through the Urban Settlement Development Grant (USDG). The Urban Settlement Development Grant (USDG) is a Schedule 4 grant and is defined in the Division of Revenue Act (DoRA) as “Supplements the Capital Revenues of metropolitan municipalities to support the national human settlements development programme focusing on poor households”. Further conditions of the grant state that “a minimum of 50 per cent of the USDG allocation must be spent on the provision of individual basic services to households living in informal settlements either through in-situ upgrades, relocation or integrated development projects.”



The largest capital grant received from National Government is the USDG grant. The institution has identified a concern with aging infrastructure and hence developing a pro-active maintenance plan through the assistance of CSP.

To alleviate the challenge and risk the institution implemented a Generally Recognised Accounting valuation policy of revaluing infrastructure. This policy is specifically focused on ensuring the depreciation charged against the yearly tariff associated with the current cost of replacement. As this represents a non-cash expenditure charged to the statement of financial performance it results in these funds being accumulated in cash. The benefit of this is:

1. It encourages cost containment in other operating expenditure items which is in line with National guidance and is considered a good strategy in the current economic conditions.
2. It allows for the generation of cash which would improve the liquidity ratios of the institution.
3. The improved liquidity allows for an alleviation of challenges that may be associated with poor working capital performance.
4. The additional cash can be focused on replacing and refurbishing existing infrastructure.

The replacement and refurbishment of existing infrastructure would allow for the reduction of both electricity and water losses and should contribute to reducing operational funding required for repairs and maintenance.

The increased cash being generated by the depreciation will then be focused on the replacement and refurbishment of existing infrastructure. The allocation of the funds is to be undertaken based on Asset Management Plans. The replacement funds can be supplemented with loan funding in order to maintain the revenue being generated from service delivery. This strategy is assessed as appropriate as it reduces the risk on the institution by generating internal funds for investment in upgrading in infrastructure but without an additional cost associated with the funding. The Urban Settlement Development Grant, supplemented with Long Term Loan Funding, will be utilised to fund infrastructure assets being constructed for expansion of the city.

|  |                    |                |                |                |
|--|--------------------|----------------|----------------|----------------|
| Capital Cost (Interest Paid and Redemption) as a percentage of total operating expenditure | NT Norm<br>6% - 8% |                |                |                |
| Debt (Total Borrowings) as a percentage of revenue   | 45%                |                |                |                |
|  |                    | <b>2018/19</b> | <b>2017/18</b> | <b>2016/17</b> |
| <b>Debt (Total Borrowings) as a percentage of revenue</b>                                  |                    |                |                |                |
| Total Debt   |                    | 340 152 555    | 398 126 111    | 445 767 676    |
| Total Revenue  |                    | 6 280 131 172  | 5 280 876 078  | 4 967 303 294  |
| BCMM Calculated Percentage   |                    | 5%             | 8%             | 9%             |
| Calculated Amount Assuming Norm of 45%   |                    | 2 826 059 027  | 2 376 394 235  | 2 235 286 482  |

|  |               |               |               |
|--|---------------|---------------|---------------|
| Maximum Borrowings which can be considered assuming NT criteria excluding repayment criteria | 2 826 059 027 | 2 376 394 235 | 2 235 286 482 |
| Less: Current Borrowings   | (340 152 555) | (398 126 111) | (445 767 676) |
| Borrowing Capacity (excluding repayment considerations)                                      | 2 485 906 472 | 1 978 268 124 | 1 789 518 806 |

The above details the progression of potential loan funding that could be obtained, excluding the repayment consideration, based on National Treasury norms and standards.

The above reflects that the institution can incur additional long-term loan funding within the confines of the National Treasury guidelines. The institution does consider the impact on the cash flows of the institution and the repayment requirements prior to considering entering into additional long-term loans. Long Term loans will be considered in instances of either creating efficiencies or generating additional revenue for the institution.

## D1.2 BCMM Budgetary Allocations to Catalytic Programmes over the Medium-Term Revenue and Expenditure Framework (MTREF):

| EAST LONDON CBD AND INNER-CITY CATALYTIC PROGRAMME        |  |  |                        |                                |                        |
|---|--|--|------------------------|--------------------------------|------------------------|
| Project Name  | Project Type (Description)   | Project Status                           | Financial Year 2022/23 | Financial Year 2023/24         | Financial Year 2024/25 |
| <b>Sleeper Site Road</b>                                  | New Road to unlock the Sleeper Site Development  | Construction Stage                       | R 25 000 000,00        | R 15 000 000,00                | R 15 000 000,00        |
| <b>City to Sea Boulevard</b>                              | New multi-use boulevard on Moore Street East London  | Planning Stage                           | R 2 640 632,00         | To be informed by current work |                        |
| <b>Court Crescent Implementation (BCMDA)</b>              | Public Space Upgrade on the East London Beachfront   | Implementation Stage: Contractor on site | R30 000 000,00         | R9 000 000,00                  | R0                     |
| <b>Public Realm Upgrades and Greening (PPPSG/ CIPPPF)</b> | Integrated Design Framework for Public Space Upgrades in the East London CBD and Inner-City area | Planning Stage                           | R 2 582 000,00         | To be informed by current work |                        |
| <b>Orient Theatre Upgrade</b>                             | Structural Engineering upgrades to the Orient Theatre  | Construction Stage                       | R1 500 000,00          | R1 500 000,00                  | R 500 000,00           |
| <b>Refurbishment of the Aquarium</b>                      | Upgrade enhance the esplanade precinct   | Planning stage                           | R 400 000,00           | R600 000,00                    | R 700 000,00           |

|   |   |                                |                                |                                |                |
|---|---|--------------------------------|--------------------------------|--------------------------------|----------------|
| <b>Upgrade of Ubuhlanti Park (Marina Glen B) &amp; Little Mauritius (BCMDA)</b> | Integrated plans for infrastructural upgrades at Ubuhlanti and Little Mauritius | Planning Stage                 | To be informed by current work | To be informed by current work |                |
| <b>Development of Marina Glen A and Sea View Terrace (BCMDA)</b>                | Development of publicly owned vacant land parcels on the East London Beachfront | Planning Stage / Turnkey / BOT | N/A                            |                                |                |
| <b>Development of the Sleeper Site (BCMDA)</b>                                  | Development of publicly owned land in the East London CBD                       | Planning Stage / Turnkey / BOT | N/A                            |                                |                |
| <b>Upgrading of the Zoo</b>   | Upgrading of the Zoo  | Planning Stage                 | R400 000,00                    | R900 000,00                    | R 1 000 000,00 |

| <b>MELD CORRIDOR PROGRAMME</b>   |   |   |                               |                               |                               |
|--|---|---|-------------------------------|-------------------------------|-------------------------------|
| <b>Project Name</b>  | <b>Project Type (Description)</b>   | <b>Project Status</b>   | <b>Financial Year 2022/23</b> | <b>Financial Year 2023/24</b> | <b>Financial Year 2023/24</b> |
| <b>Upgrading of the Public Transport Corridor from East London to Mdantsane: Qumza Highway Phase 7</b> | Phase 2 - Dualization of Qumza Highway from Mdantsane Mall to NU12 intersection. Phase 1 - Dualization of Qumza Highway from NU12 intersection to the Sasol Intersection in Fort Jackson. | Construction Stage  | R18 200 000.00                | R66 082 040.00                | R20 000 000.00                |
| <b>Mdantsane Access Road</b>   | Widening of the Mdantsane Access Road from Vergenoeg to Mdantsane Gate  | Conceptual and Preliminary Design Stage   | -                             | R 11 034 470                  | -                             |
| <b>Duncan Village Redevelopment Initiative (DVRI): Duncan Village proper</b>                           | Development of Duncan Village to provide roads,   | Consultant appointed for the design of 5000 units and social survey is in progress. | R1 000 000.00                 | R1 000 000.00                 | R 1 000 000.00                |
| <b>DVRI: Duncan Village Composite Site</b>   | houses and hostels, business premises for the community of Duncan Village   | Implementation stage  | R2 500 000.00                 | R1 000 000.00                 | R 1 000 000.00                |
| <b>DVRI: C Section and Triangular Site</b>   |   | Implementation stage  | R2 000 000.00                 | R2 000 000.00                 | R 2 000 000.00                |
| <b>DVRI: D Hostel</b>  |   | Implementation stage  | R10 500 000.00                | R16 163 320.00                | R 16 163 320.00               |
| <b>Reeston Housing linked to DVRI relocations</b>  | Phase 3, Stage 3  | Implementation Stage  | R 13 500 000.00               | R18 000 000.00                | R0                            |

|  |  |  |                              |                              |                 |
|--|--|--|------------------------------|------------------------------|-----------------|
| <b>Central to Reeston Sewer Diversion, WWTW Tunnel and Civil Works</b> | Diversion of Sewage from Central to Reeston Wastewater Treatment Works                                 | Finalisation of the reviewed tender document expected. | R399 524 000.00              | R194 405 000.00              | -               |
| <b>Upgrading of the Mdantsane Wastewater Treatment Works</b>           | Upgrade of the Mdantsane Treatment works.  | Construction   | R20 000 000.00               | -                            | R 11 278 348.00 |
| <b>Umzonyana Dam and East Coast Water Supply Upgrade</b>               | Water supply coastal and midlands area   | Implementation   | R88 000 000.00               | R 187 000 000.00             | R59 000 000.00  |
| <b>Rehabilitation of the Ziphunzana Bypass</b>                         | Rehabilitation   | Planned Implementation                                 | R1 000 000.00                | (Project Complete)           | -               |
| <b>North-West Corridor</b>   | Dual carriage way road from the Amalinda Main Road (SPCA) to Ziphunzana Bypass near Traffic Department | Preliminary Design Stage                               | Approval process and funding | Approval process and funding | R 8 957 810.00  |

#### MDANTSANE URBAN HUB CATALYTIC PROGRAMME

| Project Name  | Project Type (Description)  | Project Status  | Financial Year 2022/23 | Financial Year 2023/24 | Financial Year 2024/25 |
|---|---|---|------------------------|------------------------|------------------------|
| <b>Toyana Road Pedestrian link to Station and Billie Road Upgrade</b> | Pedestrianization and landscaping of the Toyana Road to enhance NMT and pedestrian movement from Mount Ruth Train station to the Mdantsane Urban Hub. Improved vehicular and pedestrian traffic flow and landscaping. Upgrade of the Billie Road to enhance the movement to the Mdantsane Urban Hub and CM Hospital | Construction Stage. The sidewalks are 90% complete now and are expected to be complete this financial year. Streetlighting is complete and construction of the zones will continue. Billie Road upgrade is in the design stage of the dual carriageway. | R22 473 723.00         | R19 581 000.00         | R30 000 000.00         |
| <b>Improved Regional Access</b>                                       | New direct link from the N2 to the Mdantsane Urban Hub  | Concept Designs in place, IGR Prioritisation required   | No funding Yet         | No funding yet         |                        |



|  |  |  |               |               |               |
|--|--|--|---------------|---------------|---------------|
| <b>Extension of Mdantsane Arts Centre</b>                          | Extension of Mdantsane Arts Centre to accommodate more art forms.                      | Planning Stage   | R6 000 000.00 | R5 000 000.00 | R5 000 000.00 |
| <b>Redevelopment of Mdantsane Sport Precinct NU2 Swimming Pool</b> | Earthworks and Refurbishment of the NU2 swimming pool, filtration system and buildings | Construction Stage. To be completed this year in 21/22 |               |               |               |

#### WEST BANK ECONOMIC CORRIDOR & LOGISTICS HUB

| Project Name                                      | Project Type (Description)         | Project Status  | Financial Year 2022/23 | Financial Year 2023/24 | Financial Year 2024/25 |
|---|------------------------------------|---|------------------------|------------------------|------------------------|
| <b>Water World (Water Park): BCMDA</b>            | Upgrading of Recreational Facility | Construction  | R17 000 000.00         | R9 000 000.00          | -                      |
| <b>West Bank Restitution – Housing 2000 Units</b> | Infrastructure                     | Procurement to appoint contractor to start with Phase 1 of 1000 Units | R18 728 750.00         | R 52 050 000.00        | R 40 924 463.00        |
| <b>Hood Point Marine Sewer</b>                    | Extension of Marine Outfall Sewer  | Procurement of Service Provider to develop Maintenance Master Plan    | -                      | R4 000 000.00          | R4 000 000.00          |
| <b>Rehabilitation of Settlers Way</b>             | Expansion of 4 lanes to 6          | Construction Stage  | R184 636 181,00        | -                      | -                      |
| <b>Harbour Arterial Feasibility</b>               | Conduct feasibility study          | Feasibility   | R3 146 000.00          | R1 579 098.00          | R1 634 000.00          |

#### BHISHO- QONCE (KING WILLIAM'S TOWN)- ZWELITSHA CORRIDOR

| Project Name  | Project Type (Description) | Project Status                         | Financial Year 2022/23      | Financial Year 2023/24 | Financial Year 2024/25 |
|---|----------------------------|--|-----------------------------|------------------------|------------------------|
| <b>Bhisho- Qonce (KWT) &amp; Zwelitsha Bulk Regional Sewer Scheme-Phase 2</b> | Infrastructure             | Phase 2 construction                   | R4 000 000.00               | R20 000 000.00         | R 20 000 000.00        |
| <b>Qonce (KWT) and Bhisho Water Supply: Bulk Mains</b>                        | Infrastructure             | Construction                           | R5 000 000.00               | R5 000 000.00          | R105 000 000.00        |
| <b>Qonce (KWT) and Bhisho Water Supply: Treatment Works</b>                   | Infrastructure             | Current allocations under construction | Funding deferred to 2024/25 |                        | R 9 000 000.00         |
| <b>Qonce (KWT) and Bhisho Water Supply: Dams and Weirs</b>                    | Infrastructure             | Current allocations under construction | Funding deferred to 2024/25 |                        | R 7 000 000.00         |
| <b>Qonce Art Centre</b>   | Infrastructure             | Planning                               | R1 000 000.00               | R1 800 000.00          |                        |

|  |   |                         |                                |                                |                                |
|--|---|-------------------------|--------------------------------|--------------------------------|--------------------------------|
| <b>Auto Hub Incubator</b>  | Project to benefit SMMEs in the Taxi Service Industry   | Conceptualization Stage | To be informed by current work | To be informed by current work |                                |
| <b>Precinct Plan and Public Realm Upgrades for the KWT CBD.</b>  | Precinct Plan   | Planning Phase          | R2 008 000.00                  | To be informed by current work | To be informed by current work |
| <b>New Road Link from MBSA to IDZ / Harbour Arterial (PPPSG)</b> | This road will enable the unblocking of freight and heavy vehicular traffic on the N2 by allowing direct connectivity between the IDZ and MBSA as well as the Port. | Feasibility stage       | R3 146 000.00                  | R1 579 098.00                  | R1 634 000.00                  |

### D1.3 Budgetary Allocations dedicated to Programme and Project Preparation Activities over the Medium-Term Revenue and Expenditure Framework (MTREF):

| PROGRAMME AND PROJECT PREPARATION SUPPORT GRANT (PPPSG) PROJECTS |  |  |                            |                       |                       |  |
|--|--|--|----------------------------|-----------------------|-----------------------|--|
| No. Project Name   | Project Description  | 2022/23  | 2023/24                    | 2024/25               | Project Outcome       |  |
| 1.   | Integrated Design Framework and Implementation Plan for Public Realm Upgrades in the East London CBD and Inner City.   | Preparation of an Integrated Design Framework and Implementation Plan for Public Realm Upgrades in the East London CBD and Inner City.   | R2 582 000.00 (carry over) | -                     | -                     | The project is intended to guide public realm upgrades in the CBD through the identification of public capital investment interventions for the area.  |
| 2.   | Precinct Plan, Integrated Design Framework and Implementation Plan for Public Realm and NMT Upgrades in the Qonce CBD. | Preparation of a Precinct Plan, Integrated Design Framework and Implementation Plan for Public Realm and NMT Upgrades in the Qonce CBD.  | R2 000 000.00              | R1 008 000.00         | R1 500 000.00         | The project is intended to guide spatial, social, economic, environmental, and infrastructural upgrades in the CBD through the detailed analysis of the status quo of existing urban and natural systems as well as the identification of both public and private capital investment interventions for the area. |
| 3.   | Harbour Arterial   | Conduct Benefit Analysis to the development of economic infrastructure   | R3 146 000.00              | R1 579 098.00         | R1 634 000.00         | To enhance the development and expansion of the broader West Bank Industrial Hub to stimulate the socio-economic development of East London and broader region, by creating high mobility road access between the Harbour and East London IDZ.   |
| 4.   | BCMM Drought Mitigation Strategy including the Water Demand & Water Conservation Strategy                              | The Water Services Branch is looking to:<br>- Do a MAJOR review of its Water Services Development Plan;<br>- Review its outdated Water Demand and Water Conservation Strategy;<br>- Update its Water Service Master Plan;<br>and | No current allocation      | No current allocation | No current allocation | Enhancement of Water resource usage and improvement of water demand management.<br>Drought Resilience strategies that are scientifically tested.<br>An updated Water Services Development Plan.<br>An up to date Water Services Master Plan.   |

|     |  |  |                       |                       |                       |   |
|-----|--|--|-----------------------|-----------------------|-----------------------|---|
|     |  | - Investigate the Feasibility of Waste Water Re-Use in the Metro   |                       |                       |                       |   |
| 5.  | Mdantsane Urban Hub Stormwater Management Plan | Feasibility Studies and Detailed Design  | 1 322 000,00          | 2 000 000.00          | R1 500 000.00         | To carry out feasibility studies, environmental impact studies and detailed design for the provision of stormwater management system in the Mdantsane Urban Hub   |
| 6.  | Digital Hub Project                            | Project Preparation for the creation of Smart projects, applications and solutions (servicing private sector, generating innovation through applications | R4 155 200.00         | R2 876 600.00         | R3 046 800.00         | This project will deliver a feasible and sustainable business plan which would cater for the needs of business, government and citizens in terms of services and products that a digital hub can offer. This will be developed in line with the BCMM Smart City strategy which is currently being run with the support of the World Bank.           |
| 7.  | Cemeteries: Regional Cemeteries and Crematoria | ID Parcel of Land for Regional Cemetery, Feasibility Study, PPP MOU, Conceptual Design, EIA, O+M Costs   | No current allocation | No current allocation | No current allocation | This involves: Identify suitable land; Land Parcel to be subjected to Geotech + Groundwater analysis; Reach out to Bus to determine readiness for PPP. Development of an array of different types and areas for to ground funerals, Crematorium, Wall of Remembrance. Revolving graveyards and Privatised upkeep and maintenance.                   |
| 8.  | Pavement Management System                     | Road Asset Management  | No current allocation | No current allocation | No current allocation | Assess Pavement, Update Pavement Management System, Categorise Roads in hierarchy, Traffic Counts, Define Project priorities based on scientific analysis   |
| 9.  | Stormwater Management System                   | Stormwater Asset Assessment  | R1 322 000.00         | R2 000 000.00         | R1 500 000.00         | Assess Stormwater system<br>Update conditional assessment<br>Categorise systems<br>Flow monitoring<br>Define flood areas and attenuation ponds to harness stormwater as grey water.<br>Define boreholes and how to replenish boreholes.<br>Define Operational requirement + Cost Estimate<br>Define Project Priorities based on scientific analysis |
| 10. | Solid Waste Collection and Disposal            | Transfer Facilities, ID Land Parcels, PPP MOU, Conceptual Design, Cost Estimate, O=M Costs   | -                     | R858 000.00           | R1 000 000.00         | Assess status quo and existing facilities, Define needs Assessment, ID areas to establish transfer sites, accommodate recycling, develop recycling policy, define   |

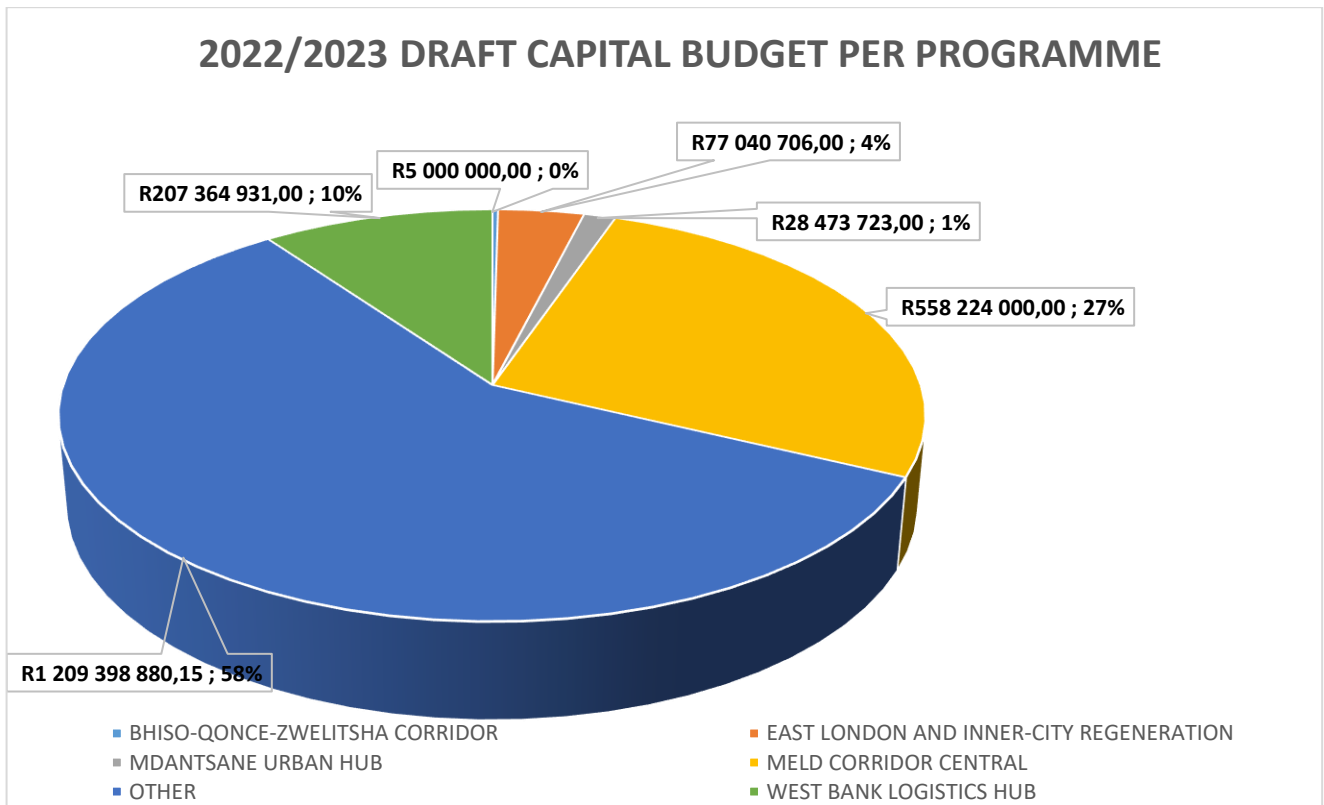
|     |   |  |                       |                       |                       |   |
|-----|---|--|-----------------------|-----------------------|-----------------------|---|
|     |   |  |                       |                       |                       | operational requirements to clean city.   |
| 11. | Water and Sanitation (Rainwater Harvesting)                             |  | R 2000 000.00         | R3 000 000.00         | R3 000 000.00         | Development Of Policy, ID Flood lines, determine runoff of surface water, ID Parks and Open Spaces to be set aside for attenuation, of flood water. Water to be harvested and aligned to borehole replenishing to replenish ground water levels, reroute water to treatment works and storage reservoirs.   |
| 12. | The Investment Centre:Catalytic Nodes Economic Analysis And Action Plan | Investment Promotion and Economic Development Action plan for Catalytic Nodes of the city.                       | R2 400 000.00         | R3 145 902.00         | R2 000 000.00         | The establishment of this <b>Programme of Action</b> "for building productive and sustainable nodal economies" will be to accelerate the development of the defined areas. Deficiencies of economic inputs into nodal plans and their implementation leads to limited economic productive capability in the nodes and frustrates the creation of demand for economic goods and services. This profiling process will be designed to improve economic information and identify economic opportunities in Buffalo City. |
| 13. | Mdantsane Taxi Rank and Shopping Centre                                 | Feasibility Studies  | -                     | R1 500 000.00         | R1 500 000.00         | Study to advise on scope of work, economic viability and best procurement vehicle to achieve the best results.  |
| 14. | Parks: Smart Park (Mdantsane and Buffalo River)                         | Public Space Upgrade, ID 3-5 Parcels of Land, ID 3-5 Parcels of Land, PPP MOU, Conceptual Design, EIA, O+M Costs | No current allocation | No current allocation | No current allocation | ID Land parcels along stream or river for agricultural development; ID interest in community for Veggie Gardens + Small Animal grazing; Outcome is to generate pockets of land for Income Generating agri- projects. Reach out to Commercial Agri and Universities for Entrepreneurial and research projects run with the community in the community, Safer and cleaner city and  |
| 15. | Parks: Educational and Trim Parks (Coastline and hiking Tracks)         | Public Space Upgrade, ID 3 Parcels of Land, PPP MOU, Conceptual Design, EIA, O+M Costs                           | R 900 000.00          | R 800 000.00          | R1 000 000.00         | Identification of land for Reserves; Educational purposes; Lobby with Wildlife Institutions and develop Parks; Make it more accessible; Create Educational lobbies for studies work and research (Aquarium – Zoo – Footprints – Gonubie – Yellow Sands)   |



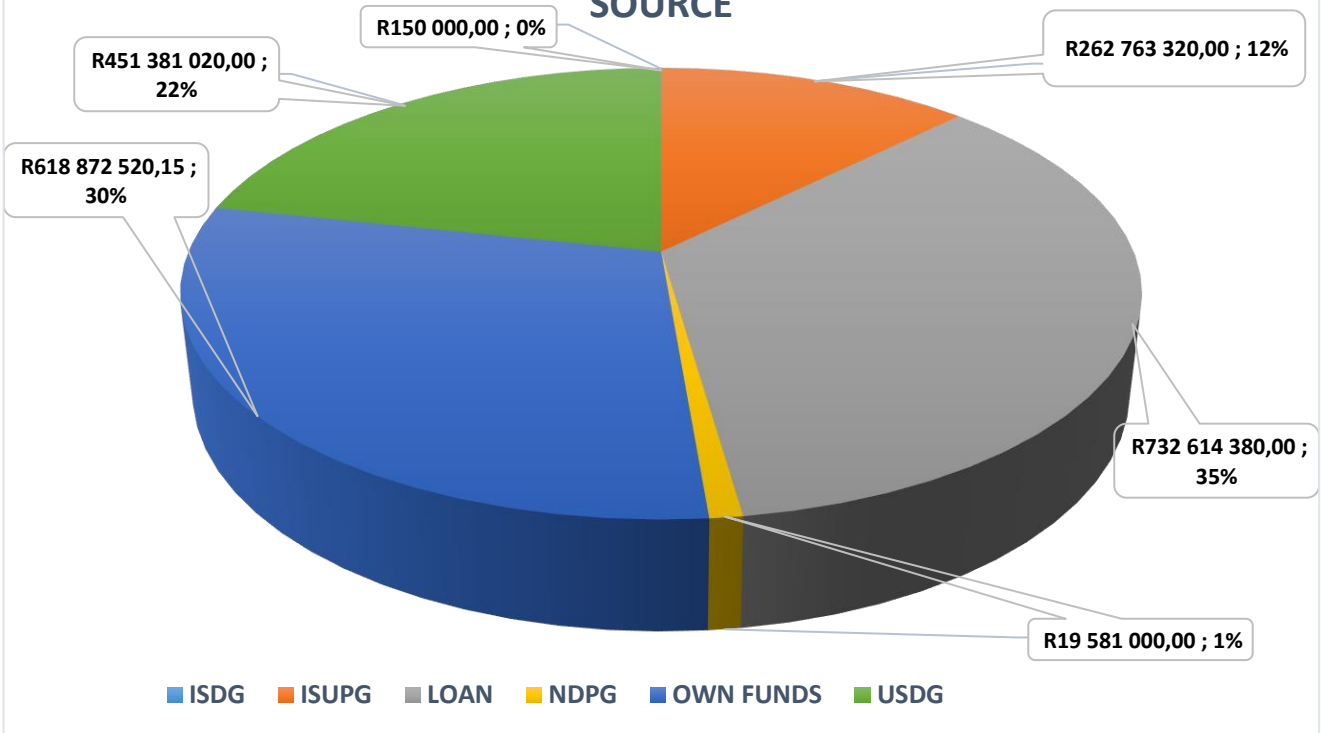
|     |  |   |                    |              |             |   |
|-----|--|---|--------------------|--------------|-------------|---|
| 16. | Parks: Tourism, Entertainment  | Public Space upgrade, ID 3 Parcels of Land, ID 3-5 Parcels of Land, PPP MOU, Conceptual Design, EIA, O+M Costs  | R600 000.00        | R 500 000.00 | R800 000.00 | Create leisure areas and informational areas. Relook at the whole function and use of parks.  |
| 17. | Feasibility Study on Diversion of Hood Point Wastewater Flow to Reeston Wastewater Treatment Works | To conduct a Feasibility Study on the and cost-benefit analysis between construction of a 1.4km Deep Sea Marine Outfall Sewer in Hood Point versus Diversion of Flow to Reeston Wastewater Treatment Works. | Carry over funding | -            | -           | The purpose of the study is to inform the municipality on whether to invest in construction of a marine outfall sewer over 3 years at an estimated cost of R500 million, while at the same time constructing a new wastewater treatment works within 20 years, at an estimated cost of R 1 billion, in terms of the conditions of Environmental Authorization. This cost will be evaluated against the cost of diverting flows to an existing treatment works like Reeston WWTW, which is a regional plant earmarked for development of an effluent re-use plant to ensure water security for development and alignment with climate change resilience. |

## D2. RESOURCING THE METRO'S PROJECT PIPELINE / SPATIAL BUDGET MIX

BCMM's Draft Capital Budget 2022-23, as it relates to the Catalytic and Strategic Programmes is outlined below.



## 2022/2023 DRAFT CAPITAL BUDGET PER FUNDING SOURCE



| BCMM DRAFT MTREF CAPITAL BUDGET (BEPP 2022-23) |   |   |                                |                                |                                |
|--|---|---|--------------------------------|--------------------------------|--------------------------------|
| FOCUS AREA                                     | CATALYTIC PROGRAMMES                        | FUNDING SOURCES                             | 2022/2023 DRAFT CAPITAL BUDGET | 2023/2024 DRAFT CAPITAL BUDGET | 2024/2025 DRAFT CAPITAL BUDGET |
| PRIMARY INTEGRATION ZONE                       | EAST LONDON CBD AND INNER-CITY REGENERATION | OWN FUNDS                                   | R 52 040 706,00                | R 30 500 000,00                | R 2 700 000,00                 |
|  |   | USDG  | R 25 000 000,00                | R 15 000 000,00                | R 15 000 000,00                |
|  |   | <b>TOTAL EAST LONDON CBD AND INNER CITY</b> | <b>R 77 040 706,00</b>         | <b>R 45 500 000,00</b>         | <b>R 17 700 000,00</b>         |
|  | MDANTSANE URBAN HUB                         | NDPG  | R 19 581 000,00                | R 19 581 000,00                | R 30 000 000,00                |
|  |   | OWN FUNDS                                   | R 2 000 000,00                 | R 1 000 000,00                 | R -                            |
|  |   | USDG  | R 6 892 723,00                 | R 5 000 000,00                 | R 5 000 000,00                 |
|  |   | <b>TOTAL MDANTSANE URBAN HUB</b>            | <b>R 28 473 723,00</b>         | <b>R 25 581 000,00</b>         | <b>R 35 000 000,00</b>         |
|  | MELD CORRIDOR (CENTRAL)                     | ISUPG                                       | R 36 000 000,00                | R 20 163 320,00                | R 31 441 668,00                |
|  |   | LOAN  | R 449 524 000,00               | R 339 405 000,37               | R 40 000 000,00                |
|  |   | OWN FUNDS                                   | R 7 200 000,00                 | R 16 034 470,00                | R -                            |
|  |   | USDG  | R 65 500 000,00                | R 111 082 040,00               | R 47 085 414,00                |
|  |   | <b>MELD CORRIDOR TOTAL</b>                  | <b>R 558 224 000,00</b>        | <b>R 486 684 830,37</b>        | <b>R 118 527 082,00</b>        |
|  | WESTBANK LOGISTICS HUB                      | OWN FUNDS                                   | R 184 636 181,00               | R -                            | R -                            |
|  |   | USDG  | R 22 728 750,00                | R 56 050 000,00                | R 44 924 463,00                |
|  |   | <b>TOTAL WESTBANK CORRIDOR</b>              | <b>R 207 364 931,00</b>        | <b>R 56 050 000,00</b>         | <b>R 44 924 463,00</b>         |
|  | OTHER                                       | ISUPG                                       | R 128 463 320,00               | R 147 100 000,00               | R 133 271 249,00               |
|  |   | OWN FUNDS                                   | R 108 788 987,00               | R 129 200 000,00               | R 110 020 000,00               |
|  |   | USDG  | R 200 824 889,00               | R 128 405 625,00               | R 182 381 681,00               |
|  |   | <b>TOTAL - OTHER</b>                        | <b>R 438 077 196,00</b>        | <b>R 404 705 625,00</b>        | <b>R 425 672 930,00</b>        |
|  |   | <b>TOTAL PRIMARY INTEGRATION ZONE</b>       | <b>R 1 309 180 556,00</b>      | <b>R 1 018 521 455,37</b>      | <b>R 641 824 475,00</b>        |
| SECONDARY INTEGRATION ZONE                     | BHISHO-QONCE-ZWELITSHA CORRIDOR             | ISUPG                                       | R -                            | R -                            | R -                            |
|  |   | LOAN  | R -                            | R -                            | R 100 000 000,00               |
|  |   | OWN FUNDS                                   | R 1 000 000,00                 | R 1 800 000,00                 | R -                            |
|  |   | USDG  | R 4 000 000,00                 | R 25 000 000,00                | R 41 000 000,00                |
|  |   | <b>TOTAL BHISHO-KWT CORRIDOR</b>            | <b>R 5 000 000,00</b>          | <b>R 26 800 000,00</b>         | <b>R 141 000 000,00</b>        |
|  | OTHER                                       | ISUPG                                       | R 28 300 000,00                | R 41 385 000,00                | R 41 085 000,00                |
|  |   | LOAN  | R 120 000 000,00               | R 120 000 000,00               | R -                            |
|  |   | OWN FUNDS                                   | R 24 100 000,00                | R 29 450 000,00                | R 116 183 500,00               |
|  |   | USDG  | R 77 369 515,00                | R 66 500 000,00                | R 84 850 000,00                |
|  |   | <b>TOTAL - OTHER</b>                        | <b>R 249 769 515,00</b>        | <b>R 257 335 000,00</b>        | <b>R 242 118 500,00</b>        |
|  | <b>TOTAL SECONDARY INTEGRATION ZONE</b>     | <b>R 254 769 515,00</b>                     | <b>R 284 135 000,00</b>        | <b>R 383 118 500,00</b>        |                                |
| CITY WIDE                                      | OTHER                                       | ISDG  | R 150 000,00                   | R 150 000,00                   | R 150 000,00                   |
|  |   | ISUPG                                       | R 73 000 000,00                | R 70 000 000,00                | R 84 819 284,00                |
|  |   | LOAN  | R 163 090 380,00               | R 163 090 380,00               | R -                            |
|  |   | OWN FUNDS                                   | R 239 246 646,15               | R 228 866 347,76               | R 120 400 000,00               |
|  |   | USDG  | R 49 065 143,00                | R 45 555 315,00                | R 54 819 270,00                |
|  |   | EEDSMG                                      | R -                            | R -                            | R -                            |
|  | <b>TOTAL NON-CATALYTIC</b>                  | <b>R 524 552 169,15</b>                     | <b>R 507 662 042,76</b>        | <b>R 260 188 554,00</b>        |                                |
|  | <b>TOTAL CITY WIDE</b>                      | <b>R 524 552 169,15</b>                     | <b>R 507 662 042,76</b>        | <b>R 260 188 554,00</b>        |                                |
| <b>GRAND TOTAL</b>                             |   | <b>R 2 088 502 240,15</b>                   | <b>R 1 810 318 498,13</b>      | <b>R 1 285 131 529,00</b>      |                                |

### **D3. INSTITUTIONAL ARRANGEMENTS**

Planning, coordinating and resourcing of catalytic programmes and projects as well as the programme preparation activities around these is coordinated through the EPMO which serves as the secretariat to the Catalytic Programme Task Teams comprising project managers from the various City Directorates. The coordination of the Programme and Project Preparation Support Grant as well as the Urban Settlements Development Grant is also undertaken through the office of the EPMO.

BCMM has established an agency (BCMDA) who has been mandated to plan and implement a number of strategic projects which fall within Catalytic Programme areas of the city. The City Directorates and the Agency are currently working jointly in a complementary manner on a number of initiatives around the various Catalytic Programmes which are envisaged to result in implementable projects within the short to medium term.



## SECTION E : CATALYTIC PROGRAMME IMPLEMENTATION

### E1. PROGRESS WITH IMPLEMENTATION OF CATALYTIC PROGRAMMES

A detailed account of progress with implementation of BCMM 2020-21 projects within the catalytic programmes is found in the Table below. The Cost to date and comments column is based on information recorded as at 28 February 2022.

| EAST LONDON CBD AND INNER-CITY CATALYTIC PROGRAMME |  |   |   |   |                           |   |                                 |   |
|--|--|---|---|---|---------------------------|---|---------------------------------|---|
| Project Name                                       | Project Type (Description)   | Department                                | Project Status  | Non-financials/ Estimated number of beneficiaries | Budget Allocated: 2021-22 | Actual Expenditure as at 28 February 2022 | Status / Percentage Expenditure | Comments / Challenges   |
| <b>Sleeper Site Road</b>                           | New Road to unlock the Sleeper Site Development  | Transport Planning and Operations         | Phase 1 construction is complete, and Phase 2 is currently at Bid Evaluation Stage. | TBD   | 22,273,548                | 6,757,521                                 | 30,3%                           | Tender for Phase 2 is currently at Bid Adjudication Stage. Phase 3 - connection point at Commercial road: Survey is completed, and alignment design is in progress. |
| <b>City to Sea Boulevard</b>                       | New multi-use boulevard on Moore Street East London  | Transport Planning and Operations         | Preliminary Design stage  | All Public, Citizens                              | 3,500,000                 | 1,906,574                                 | 54,4%                           | Preliminary Design is at 55% complete and sketch plans are currently being reviewed with BCMM.  |
| <b>Court Crescent Implementation</b>               | Public Space Upgrade on the East London Beachfront   | BCMDA                                     | Implementation Phase: Contractor on site  | All Public, Citizens                              | 30,105,608                | 21,073,925                                | 70%                             | Court Crescent - Overall progress approximately 70%; Overall Contract Extension of Time - 3 Months.   |
| <b>Integrated Public Realm Upgrades</b>            | Preparation of a design framework for Public Realm Upgrades in the East London CBD and Inner City. | EPMO                                      | Planning Stage  | All Public, Citizens                              | 2,582,000                 | 0   | 0%                              | Awaiting finalisation of bid adjudication, tender validity has been extended.   |
| <b>Refurbishment of the Aquarium</b>               | Refurbishment of Aquarium viewing deck   | Sports, Recreation and Community Services | Implementation  | TBD   | 400,000                   | 0   | 0%                              | Awaiting quote and appointment of annual contractor for refurbishment of Aquarium viewing deck.   |
| <b>Upgrading of the Zoo</b>                        | Upgrade of zoo enclosures  | Sports, Recreation and Community Services | Implementation  | All Public, Citizens                              | 2,200,000                 | 1,334,568                                 | 60%                             | Contractor on site for security upgrades on animal enclosures 95% complete  |

|   |   |       |  |                      |   |     |     |  |
|---|---|-------|--|----------------------|---|-----|-----|--|
| <b>Marina Glen B</b>                      | Integrated plans for infrastructural upgrades at Ebuhlanti and Little Mauritius | BCMDA | Implementation   | All Public, Citizens | 1, 246, 650 (BCMDA)                     | TBC | TBC | 20 braai stands have been constructed at 31 December 2021. Delays have been experienced with inclement weather. Cleaning service providers are providing daily cleaning services and respond to Ad hoc services of the Agency.   |
| <b>Marina Glen A and Sea View Terrace</b> | Development of publicly owned vacant land parcels on the East London Beachfront | BCMDA | Leases and Planning process in progress for Developers / Investors | All Public, Citizens | Turnkey / BOT / Funding from Developers | N/A | N/A | Specifications for development of the <b>Marina Glen A</b> site has been drafted and are awaiting appointment of the new Panel of Fund Originators. The Title Deed for <b>Seaview Terrace</b> has been issued by the Deeds Office but the date of signature for the Lease Agreement expired and needs a new process.   |
| <b>Sleeper Site Development</b>           | Development of publicly owned land in the East London CBD                       | BCMDA | Finalisation of tender specification for PSP                       | All Public, Citizens | Turnkey / BOT / Funding from Developers | N/A | N/A | A Report has been sent to BCMM Council to request permission to request the BCMDA appointed Transactional Advisors to do a full feasibility study for the Municipal Precinct and Office Space which will become phase 1 of the Sleeper Site project. Specifications for a Feasibility Study has been drafted and will be submitted to the Panel of Transactional Advisors once Council approval is received in Q3. |

#### MELD CORRIDOR AND MDANTSANE URBAN HUB CATALYTIC PROGRAMMES

| Project Name  | Project Type (Description)          | Department                        | Project Status | Non-financials             | Budget Allocated: 2021-22 | Actual Expenditure as at 28 Feb 2022 | Status / Percentage Expenditure | Comments/ Challenges   |
|---|-------------------------------------|-----------------------------------|----------------|----------------------------|---------------------------|--------------------------------------|---------------------------------|--|
| <b>Upgrading of the Public Transport Corridor from East London to Mdantsane</b> | Qumza Highway Phase 7 - Phase 1 & 2 | Transport Planning and Operations | Implementation | All Public Transport users | 25, 244, 304              | 3,940,727                            | 15,6%                           | Tender for Qumza Highway remaining phase is at Bid Evaluation Stage. |
| <b>Mdantsane Access Road</b>  | Public transport                    | Transport Planning and Operations | Implementation | All Public Transport users | 10,000,000                | 489,461                              | 5%                              | The contractor is on site with works anticipated to be               |

|   |  |                                   |   |                            |                |            |       |   |
|---|--|-----------------------------------|---|----------------------------|----------------|------------|-------|---|
|   |  |                                   |   |                            |                |            |       | completed in May 2022. SMME issues have caused slight delays during the month of January 2022.  |
| <b>Duncan Village Proper</b>  | Development of Duncan Village to provide roads, houses and hostels, business premises for the community of Duncan Village As above | Human Settlements                 | Implementation Stage                      |                            | 1,000,000.00   | 0.00       | 0%    | ASLA busy with the bulk assessment exercise   |
| <b>Duncan Village Composite Site</b>  |  |                                   | Implementation Stage                      |                            | 1,000,000.00   | 0.00       | 0%    | ASLA busy with the survey of the site   |
| <b>C Section and Triangular Site</b>  |  |                                   | Implementation Stage                      |                            | 2,000,000.00   | 0.00       | 0%    | ASLA busy with the bulk assessment exercise   |
| <b>D Hostel</b>   |  |                                   | Implementation Stage                      |                            | 15,000,000.00  | 0.00       | 0%    | ASLA busy with the bulk assessment exercise   |
| <b>Block Yard TRA</b>   |  |                                   | On-hold                                   |                            |                |            |       |   |
| <b>Reeston Housing</b>  | Construction of 2500 low cost housing units for the residents of Reeston   | Human Settlements                 | Implementation                            | 2500 Beneficiaries         | 35,020,000.00  | 4,071,171  | 11.6% | HDA. Procurement of Contractor for internal engineering services.   |
| <b>Central to Reeston Sewer Diversion, WWTW Tunnel and Civil Works</b>  | Diversion of Sewage from Central to Reeston Wastewater Treatment Works   | Infrastructure Services           | Implementation                            | All Users                  | 235,311,000.00 | 3,445,652  | 2%    | Tender has been awarded, and preparing for site hand over   |
| <b>Upgrading of the Mzonyana Treatment Works</b>  | Upgrade of the Mzonyana Treatment works from 120ML per day to 150ML per day.   | Infrastructure Services           |   | All Users                  | 15,000,000.00  | 11 594 789 | 77%   | Refurbishment of the filtration system is progressing well.   |
| <b>North West Corridor: Feasibility for extension of NW Expressway and link to Amalinda Main Road. This includes a feasibility study for the Chiselhurst High Density Housing</b> | Dual carriage way road from the Amalinda Main Road (SPCA) to Ziphunzana Bypass near Traffic Department                             | Transport Planning and Operations | Planning                                  | All Public Transport users | 3,042,699.00   | 3,042,699  | 100%  | Draft property report and geotechnical reports submitted for comment. Structural designs have commenced and are progressing as scheduled. Draft designs reports are anticipated to be submitted by the end of March 2022. |
| <b>Mdantsane Urban Renewal - Mount Ruth Node</b>  | Mount Ruth Grade Separated Interchange   | Transport Planning and Operations | Planning Stage Complete. Awaiting budget. | All Public Transport users | 0.00           |            |       | Detailed design complete. No funding secured yet for implementation.  |

|  |  |                                     |   |                                  |              |            |     |  |
|--|--|-------------------------------------|---|----------------------------------|--------------|------------|-----|--|
| <b>Toyana Road Pedestrian link to Station</b>  | Pedestrianization and beautification of the Toyana Road to enhance the movement of pedestrians from Mount Ruth Train station to the Mdansane Urban Hub | Infrastructure                      | Implementation                            | All users and Mdansane residents | 9,900,000.00 | 2,667,425  | 27% | Last portion of sidewalks under construction. Construction of the zones (nodes) to commence in the next financial year subject to availability of funding.   |
| <b>New Government Offices: Feasibility</b>   | New Integrated Government Offices by the National Department of Public Works   | National Department of Public Works | <b>Project will not go ahead.</b>         | All users and Mdansane residents |              |            |     | NDPW have withdrawn from the project as the MOU with the City could not be signed.   |
| <b>Extension of Mdantsane Arts Centre</b>  | Extension of Mdantsane Arts Centre to accommodate more art forms.  | Economic Development and Agencies   | <b>Planning stage.</b>                    | All users and Mdansane residents |              |            |     | Stakeholder engagement in progress. Funding has been deferred to 2022/2023 .   |
| <b>Redevelopment of Mdantsane Sport Precinct NU2 Swimming Pool</b>   | Earthworks and Refurbishment of the NU2 swimming pool, filtration system and buildings   | Municipal Services                  | <b>Implementation. Nearing completion</b> | All users and Mdansane residents | 19,931,783   | 12,556,353 | 63% | Kiddies & main pool tiled, caretaker cottage roofed, admin and ticket office completed. The building works is currently at 90% . Contractor busy with the installation of internal electricity and plumbing. |
| <b>Orlando Stadium: Construction of the ablutions Refurbishment of boundary wall and gates Caretaker Cottage, Installation of floodlights, Rehabilitation of playing surface</b> | The ablutions and boundary and gates completed in 2017/18 but the caretaker's cottage had no budget  | Municipal Services                  | <b>No Budget</b>                          | All users and Mdansane residents |              |            |     | No Budget  |

#### WEST BANK CORRIDOR CATALYTIC PROGRAMME

| Project Name                           | Project Type (Description)         | Department | Project Status   | Non-Financials/ Estimated number of beneficiaries | Budget Allocated: 2021-22 | Actual Expenditure as at 28 February 2022                    | Status Percentage Expenditure | Comments Challenges   |
|--|------------------------------------|------------|--|---|---------------------------|--|-------------------------------|---|
| <b>Water World (Water Park): BCMDA</b> | Upgrading of recreational facility | BCMDA      | Appointment of Developer and establishment of stakeholders | Tourists, public, citizens                        | 16,962,401 (2021/2022)    | 16,962,401 (2021/2022)<br>3,046,428 roll over from 2020/2021 | 100%                          | Water World - Overall progress approximately 80%; Extension of Time - 3 Months. Additional costs for both |

|   |   |                                   |                    |                               |             |            |      |  |
|---|---|-----------------------------------|--------------------|-------------------------------|-------------|------------|------|--|
|   |   |                                   |                    |                               |             |            |      | projects - will require top-up / additional funds.   |
| <b>Hood POINT Marine out Sewer &amp; Auxiliary Work</b>   | Extension of Marine Outfall Sewer and Ancillary Work  | Infrastructure                    | Under Construction | 2000 beneficiaries            | 4,500,000   | 664 793    | 15%  | Appointing a Contractor to construct new fencing for the treatment works, and refurbishment of existing Rotary Screens.  |
| <b>West Bank Restitution</b>                              | Construction of 2000 residential units internal services (storm water, sanitation, roads and water)   | Human Settlement                  | Procurement        | 2000 beneficiaries            | 4,000,000   | 4,000,000  | 100% | HDA has been engaged to the project as an implementation agent. They are busy with the procurement of the contractor for engineering services of phase 2.  |
| <b>Rehabilitation of Settlers Way</b>                     | Expansion of 4 lanes to 6   | Transport Planning and Operations | Planning Stage     | Public, Citizens, Tourists    | 170,549,434 | 69,347,914 | 40%  | The Contractor is progressing well on site and is on schedule with 15% progress to date.   |
| <b>New Road Link from MBSA to IDZ / Harbour Arterial</b>  | This road will enable the unblocking of freight and heavy vehicular traffic on the N2 by allowing direct connectivity between the IDZ and MBSA as well as the Port. | Transport Planning and Operations | Planning Stage     | Business                      | 600 000     | -          | 0%   | The Consultant has been working on a previous order. They will now start expending on the current years funding.   |
| <b>15 MV Wood Brook Substation Battery Storage Centre</b> | Alternative energy supply   | Electricity                       | Project Planning   | Public Citizens and Investors | -           | -          | -    | BCMM attended Climate resilient project preparation workshop conducted through partnership between National Treasury, World Bank, Swiss Economic Cooperation and Global Infrastructure Fund which was held on the 17-18 November 2021. The aim is to assist the City on project preparation. Data has been collected by World Bank form the City. No funding allocated |
| <b>15 MV Westbank Substation Battery Storage Centre</b>   | Alternative energy supply   | Electricity                       | Project Planning   | Public Citizens and Investors | -           | -          | -    | As above.  |



**BISHO-KING WILLIAMS TOWN-ZWELITSHA CORRIDOR CATALYTIC PROGRAMME**

| Project Name   | Project Type (Description)            | Department              | Project Status                               | Non-financials / Estimated number of beneficiaries of the project | Budget Allocated: 2021-22 | Actual Expenditure as at 28 February 2021 | Percentage Expenditure to date | Comments / Challenges   |
|--|---------------------------------------|-------------------------|--|---|---------------------------|---|--------------------------------|---|
| <b>Zwelitsha Regional Bulk Sewage Scheme</b>                     | Upgrade of Bulk Sewage Scheme Phase 2 | Infrastructure Services | Phase 1 - Complete<br>Phase 2 - Construction | Breidbach, Zwelitsha, Bhisho                                      | 6, 200, 000               | 738 300                                   | 12%                            |   |
| <b>Bhisho-King Water infrastructure</b>                          | Bulk Water Supply                     | Infrastructure Services | In construction                              | Bhisho / KWT  | 4, 254, 039               | 137 898                                   | 3%                             | 1. The project for requires additional funding in order to proceed to the procurement stage.<br>2. Professional Service Provider have been appointed for the investigations and preliminary design for All Saints rising main and alternative bulk main for KWT Water Treatment Works |
| <b>Kei Road to Bhisho Bulk Water Scheme</b>                      | Dams and Weirs                        | Infrastructure Services |  |   | 0                         | 0   | 0%                             | As above  |
| <b>Kei Road to Bhisho Bulk Water Scheme</b>                      | Water treatment works                 | Infrastructure Services | Detailed design stage                        | Bhisho / KWT  | 224 039                   | 0   | 0%                             | As above  |
| <b>KWT Art Centre</b>  | Upgrade KWT Art Centre                | ED&A                    | Planning Stage                               | Tourism / Schools / General Public                                | 0                         | 0   | 0%                             | Currently the department is liaising with land & properties department to look at the suitable municipal property / space.  |
| <b>Precinct Plan and Public Realm Upgrades for the Qonce CBD</b> | Precinct Plan                         | EPMO                    | Planning Stage                               | All Public, Citizens  | 2, 000, 000               | 0   | 0%                             | The project has been approved by BSC and is awaiting tender advertisement   |

## E2. PROCUREMENT APPROACH

As a city, we had three committees to procure infrastructure projects namely;

- Bid Specification Committee (BSC),
- Bid Evaluation Committee(BEC) and;
- Bid Adjudication Committee (BAC).

Three additional committees (BSC, BEC and BAC) were established in order to fast track the growing demand on infrastructure projects and to mitigate against slow implementation of catalytic projects.

In addition to the above, it is proposed that a list of all Catalytic Urban Development Programmes and projects be circulated at SCM in order that projects which fall within this list are mandated with fast tracked adjudication processes.

### **E3. REGULATORY REFORM PROGRAMME**

National Treasury has approved the Getting Electricity, the Registering Property and the Construction Plans 2021/22 Reform Action Plans as submitted by the BCMM Task Teams. Due to challenges and constraints of the Covid-19 pandemic, progress has been slow and there are serious concerns regarding the quality of the proposed interventions. The City Support Program and National Treasury have raised the following concerns:

- Ineffective Process Streamlining and process optimization due to poor interdepartmental reform collaboration
- Internal and External Stakeholder mapping and communications strategies not incorporated as core to operations
- Lack of optimal Technical team Capacity hinders the quality of service provided and jeopardizes turn-around times
- Private sector collaboration and engagement should be ensued, to ensure prompt self-improvement mechanisms

**The Doing Business Key Reform Interventions indicators include:**

#### **E3.2 Registering Property**

SNDB reforms in relation to registering property aims to foster the following:

- Optimisation of the property value chain
- Review of standard operating procedures
- Ensure efficient processing of property

#### **Progress**

- System enhancement at development stage
- Staff to be trained
- Implementation scheduled for third quarter of 2022
- Stakeholders meeting scheduled for March 2022.
- Delay in land released to BCMM
- Lexis Nexus recommended Property Management uses existing finance module to assist in fast-tracking lodgement electronically

### **E3.3 Dealing with Construction Permits**

SNDB reforms in relation to dealing with construction permits aims to foster the following:

- Improve building plan approval turn-around times
- Review end-to end business process workflows
- Monitor building plan standard operating procedures

#### **Progress**

- Ongoing interventions to reduce turnaround times
- Stakeholder meeting scheduled for March 2022

### **E3.4 Getting Electricity**

SNDB reforms in relation to getting electricity aims to foster the following:

- Acquisition of high level data for outage management
- Improvement of in-depth data acquisition for outage management and the reduction of procedures
- Improved reporting and record keeping
- Monitoring and reporting on new supply applications
- Creating new procedures lists

#### **Progress**

- Procurement and installation of SCADA equipment underway
- Built and asset information collected for GIS
- Data collected and calculated manually
- Stakeholder meeting scheduled for March 2022

### **E3.5 Way forward**

The project's focus is to improve the cost of doing business in Buffalo City by integrating systems along the property value chain. This online portal linked to the BCMM website will improve efficiency and enhance citizen and stakeholder engagement which is critical to improve efficiencies and reduce the cost of doing business in Buffalo City. Investors, local businesses, developers and SMME's will be able to submit any application to the organization via an online submission portal that is accessible via the organization's website. The proposed Buffalo City Investment Centre as well as to strategically placed business support centres will be equipped with

the AFLA Portal to improve service delivery, ease the cost of doing business and position Buffalo City as an investment destination.

Governance to be improved - internal transversal management is key to improve efficiency. Operational management to be supported regarding the approved Standard Operating Procedures. The impact of the human resources constraints on the efficiency of processes to be addressed- increase capacity to match the demand. Automation of processes along the property value chain to be expedited

The project's strategic outcome is aligned to the City long-term vision the Metro Growth Development Strategy - Vision 2030 – to maintain an inclusive and sustainable economic growth by increasing government job led initiatives and supporting SMME development.

#### E4. ENHANCING PRIVATE SECTOR INVESTMENT

In addition to the Sub-National Doing Business reforms, in order to ease the Cost of Doing Business in the Metro, BCMM will be fast-tracking ongoing private sector engagements to ensure a collaborative approach in order to ensure the economic recovery of Buffalo City.

#### E5. INSTITUTIONAL ARRANGEMENTS AND OPERATING BUDGET

Since the interventions aim to improve efficiencies, the budgets for the proposed reforms are costed to the various departments on the BCMM Task Team that are responsible for the implementation of the reforms for the respective indicators.

Resources allocated within the 2019/20, 2020/21, 2021/22 and (draft) 2022/23 budgets towards SNDB reforms are as follows:

| SNDB Reform Action Area | Specific Project / Projects                                       | Responsible Directorate and Department                | Budget allocated 19/20 | Budget allocated 20/21 | Draft Budget allocated 2022/23 |
|-------------------------|---|---|------------------------|------------------------|--------------------------------|
| Registering Property    | Opening of township registers                                     | Spatial Planning and Development, Property Management | R483 000,00            | R17 000,00             | R1 000 000,00                  |
| SNDB Reform Action Area | Specific Project / Projects                                       | Responsible Directorate and Department                | Budget allocated 19/20 | Budget allocated 20/21 |                                |
| Getting Electricity     | Supervisory control for data acquisition (SCADA) Projects Phase 1 | Infrastructure: Electricity and Energy Services       | R 10 Million           | TBD                    | TBD                            |

## **SECTION F: URBAN MANAGEMENT**

### **F1. URBAN MANAGEMENT**

Urban management operates at various levels of city development. At the highest levels good urban management at the municipal level ensures a well functioning land use management system which is supported by regulatory frameworks such as the Local Area Spatial Development Frameworks as well as Zoning Schemes. These assist with the demarcation and regulation of private spaces. Urban management also includes the adequate provision of services such as water and electricity and the consistent maintenance and upgrade of this infrastructure.

At the precinct level, urban management is mostly concerned with regulation of public spaces so that these are free of crime and abuse. It also includes the maintenance of public spaces and infrastructure so that these continue to be attractive and useful to people. The governance of these spaces is also key to the successful urban management of spaces and precincts. Combined government, private and community inputs contribute to a greater sense of ownership of spaces (Urban Landmark, 2009).

#### **F1.2 Call to Action Programme**

Concerted precinct management efforts in BCMM are largely driven by the BCMDA who, through the Border Kei Chamber of Business and the Call-2-Action Programme deliver on various modalities which rely on partnerships between business, government and civil society. The four pilot areas covered by the above programme are:

- Airport to Oxford Circle
- Oxford Circle and Western Avenue
- East London Beachfront
- Southernwood, St George's Road

These initiatives largely fall within the East London CBD and surrounds catalytic programme area (with the exception of Airport to Oxford Circle which concentrates on the N2, Settler's Way).

Areas of focus include greening and beautification, maintenance, physical upgrading and the creation of special rating areas (SRA's) and urban development zones (UDZ). The Quigney Beachfront area is identified and prioritized as an Urban Development Zone. The Call-2-Action initiative has however recently experienced a set back due to lack of adequate funding support from the public sector.

Multi-funded urban management projects in the pipeline coordinated by the BCMDA include:

- Cleaning and securing the East London Beachfront: R1million



- Waste Management Systems with DEA: R15million. The sub components of this project include the upgrading of the East London buy-back centre (BBC), development of freight waste collection and sorting facilities (WCSF) in eight residential areas, and street cleaning in three strategic areas of East London including Settler's Way, Quigney and Nomumelelo.

### **F1.3 Buffalo City Knowledge and Innovation Precinct: City Improvement District**

The Buffalo City Metropolitan Development Agency (BCMDA) has embarked on a process of consultation with local stakeholders to establish a city improvement district (CID) in Southernwood as part of a larger two-phase strategy to revitalise the inner city in coordination with the private sector and local anchor institutions, including the local universities and hospitals. Key stakeholders in Southernwood include Frere Hospital; Life St Dominic's Hospital; Life St James Hospital; the Buffalo City Technical and Vocational Education and Training (TVET) College; a Boston City Campus and Business College; a number of medical service firms and medical practices, such as the Eye Centre and Ampath East London, as well as local pharmacies; and university students from Walter Sisulu University (WSU), including from the Lilitha College of Nursing, who live in residences and private rented accommodation in the area. In addition, St Dominic's features the Life College of Learning, which offers nursing and health sciences courses and the University of Fort Hare trains nurses at the local hospitals through its Faculty of Health Sciences. The proposed CID area also includes important local schools: Clarendon Girls High School and Selborne College. Important local community organisations include the Masimanyane Women's Support Centre.

Situational analysis in the area has revealed serious concerns about waste management, the maintenance of the public realm and safety among the anchor medical institutions and local providers of medical services and practitioners, which may lead to them uprooting themselves, depriving the area of important rates revenues and undermining its socio-economic fabric. Student residents have also expressed discontent about community safety, the area's upkeep, and inadequate, overcrowded accommodation.

The CID under the aegis of the BCMDA, the municipality, the key local stakeholders listed above and other relevant agencies such as local business representatives and the South African Police Service (SAPS), will contribute funds to clean up the area; improve and maintain its fabric, including roads, pavements and verges, street furniture, streetlighting and local parks; promote public safety; and address the socio-economic challenges through a package of incentives for improving private accommodation.

The CID will build on the momentum created by the Call-2-Action campaign to clean and green public spaces in the area, coordinating with the stakeholders engaged in this initiative. Slumlords also represent a particular area of focus for economic intervention, with the municipality effectively foregoing rates due to a lack of incentives for owners to improve their properties. In addition, as the CID evolves, consideration may be given to establishing a partnership with

Walter Sisulu University and/or the Buffalo City TVET College to establish a student residence in the area. Student transport issues will also be addressed. The municipality will map a plan for its engagement in the CID, including the budgetary provision that will need to be made across a number of departments.

The project will be branded according to appropriate design principles as a collaborative venture established and managed by the municipality, the BCMDA and participating local anchor institutions as the “Inner-City Revitalisation Project: Creating Buffalo City’s Future Together”. The area to be covered by the CID will include Wynne Street; St Mark Road; Gateley Street; and St Peters Road. Signage marking the gateway to the CID will be erected. Promotion (and management) of the project will also take place through the production of indicators for its impact and the publication of these.

#### **F1.4 Mdantsane Urban Hub Precinct Management**

A precinct management model for the Mdantsane Urban Hub was developed in 2016. The founding principles of the model are premised on the following characteristics:

- Create a catalytic precinct that is liveable, secure and provides a conducive urban environment for its users,
- Create enabling conditions for new investments through sound urban management,
- Ensure the sustainability of existing and new public assets by supplementing the normal municipal urban management services, and
- Contribute to “Place-making” and the creation of a strong neighbourhood identity

The model outlines a multipronged approach to the long term urban management of the CBD. The initial stage involves the appointment of a Municipal Legislated Precinct Management Authority to improve management and operations in the CBD. This is coupled with the long term goal of strengthening private sector involvement in the day to day management and operations of the area so that the CBD ultimately operates similarly to a Special Rating Area (SRA) which can financially sustain its own management operations.

There are various processes that need to take place before such a model can become operational. The appointment of a Transaction Advisor is envisaged as the next step in testing the feasibility for the establishment of the Precinct Management Model.

## **F2. INSTITUTIONAL ARRANGEMENTS AND OPERATING BUDGET**

At a city-wide level, service delivery and management are currently undertaken by the respective municipal departments of BCMM. The focus on getting the basics of urban management in place highlights the significance of city cleaning and waste management as a fundamental building block to increasing investor confidence within targeted

precincts. The operations of BCMM's Waste Management Department is currently in the process of being restructured and optimised through the support of GTAC. The viability of institutionalising targeted waste management within priority catalytic precincts is being examined.

The BCMDA currently plays a lead role in terms of precinct management initiatives for the Central City Areas through the Call-2-Action Programme which relies on partnerships between business, government and civil society.

The City Improvement District (CID) component of the Buffalo City Knowledge and Innovation Precinct as described in Section F1.3 will be led by the BCMDA with the initial support of the City. It is envisaged that the BCMDA will look into the necessary institutional arrangements for the setting up of a self-managing entity in the longer-term comprised of a partnership of rate-payers within this CID.

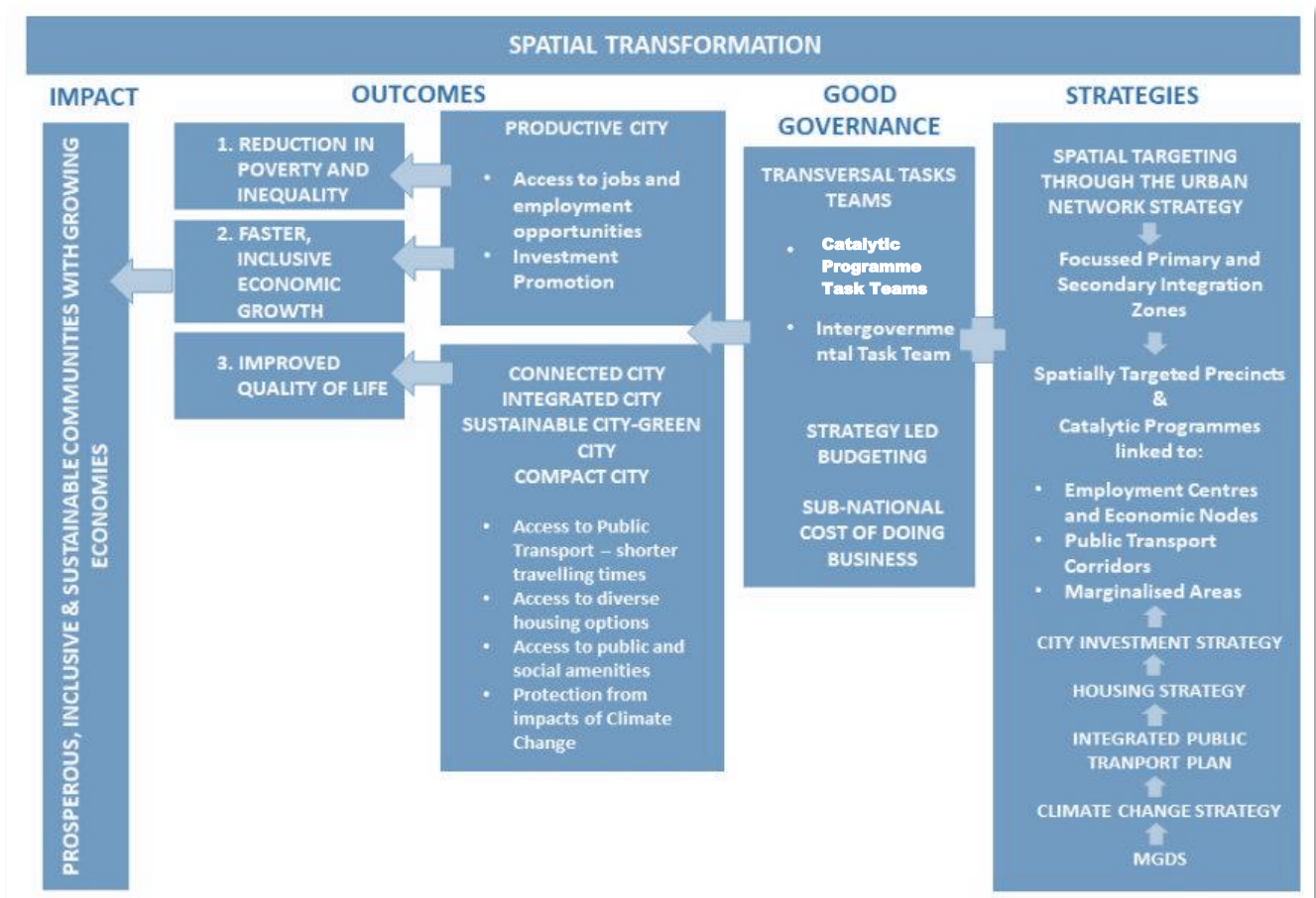
## SECTION G: CONCLUSION

### G1. CONCLUSION: THEORY OF CHANGE

From the foregoing discussion, it is clear that BCMM has made a conscious effort to enhance and coordinate investments within its identified Primary and Secondary Integration Zones, as well as its Economic Nodes and Marginalised Areas.

In this respect, the Catalytic Urban Development Programmes serve to prioritise and integrate interdepartmental as well as intergovernmental investment within the City through implementation of projects that seek to align public transport and marginalised areas with areas of economic significance. Ongoing partnerships from programme initiation through to project implementation will ensure greater collective impact with the aim of transforming BCMM's urban environment into an inclusive, productive and sustainable city.

Through the city-wide projects of the BCMM, the city is also ensuring, socio-economic development, improvement of the quality of lives of its residents, and redressing of backlogs, in order that all its residents have access to necessary basic services including water, electricity and sanitation. The following diagram summarises the envisaged Theory of Change of this BEPP mapped towards a desired long-term impact and change which is achieved through the meeting of outcomes - made possible through the implementation of supporting processes and strategies.



## LIST OF ANNEXURES

1. Annexure 1: Catalytic Land Development Programmes



Annexure 1: Catalytic Urban Development Programmes

| PROJECT LIST  |                          |  | FUNDING SOURCE (TOTAL PROJECT VALUE)                                 |   |               |                |                   |                    |               |                 |              |                     |                           | PROGRAMME STATUS (% OF PROJECT COMPLETE) |         |                 |             |                   |   |   |                                       |  |
|---|--------------------------|--|--|---|---------------|----------------|-------------------|--------------------|---------------|-----------------|--------------|---------------------|---------------------------|--|---------|-----------------|-------------|-------------------|---|---|---------------------------------------|--|
| Metro   | Integration Zone         | Name of Catalytic Programme  | Catalytic Projects & Mega Projects                                   | Total   |               | Municipal      |                   | Provincial /SOE    |               | Private Funding |              |                     |                           | Planning /Inception /Tender              | Concept | Pre Feasibility | Feasibility | Project Packaging | Implementation / Finalization                     |   |                                       |  |
|   |                          |  |  | Total Value (if known alternatively Total Allocation in current FY) | Own (2021-22) | Loan (2022-23) | Grant (2022-23)   | Province (2022-23) | SOE (2022-23) | PPP             | SPV          | Private Sector Only | Private Sector Leverage % |  |         |                 |             |                   |   |   |                                       |  |
| BCMM  | Primary Integration Zone | 1. East London CBD and Inner-City Regeneration   | Sleeper Site road  | R 213 000 000   | R 7 273 548   |                | R 25 000 000,00   | USDG               |               |                 |              |                     |                           |  | √       | √               | √           | √                 | √   |   |                                       |  |
|   |                          |  | City to Sea Boulevard  | R 255 000 000   | R 2 600 000   |                | R -               |                    |               |                 |              |                     |                           |  |         | √               | √           | √                 | √   |   |                                       |  |
|   |                          |  | Public Realm Upgrades and Greening (PPPSG)                           | TBD   |               |                | R 2 582 000 (c/o) | PPPSG              |               |                 |              |                     |                           |  |         |                 | √           |                   |   |   |                                       |  |
|   |                          |  | Court Crescent Implementation (EL Beachfront)                        | TBD   | R 30 100 000  |                |                   |                    |               |                 |              |                     |                           |  |         |                 | √           | √                 | √   | √ | √                                     |  |
|   |                          |  | Orient Theatre Upgrade   | R 4 500 000   | R 1 500 000   |                |                   |                    |               |                 |              |                     |                           |  |         |                 | √           | √                 | √   | √ | √                                     |  |
|   |                          |  | Refurbishment of the Aquarium (EL Beachfront)                        | R 200 000 000   | R 400 000     |                |                   |                    |               |                 |              |                     |                           |  |         |                 |             |                   |   |   |                                       |  |
|   |                          |  | Upgrade of Ubuahanti Park (Marina Glen B) & Little Mauritius (BCMDA) | R 30 000 000  |               |                |                   |                    |               |                 |              |                     | TBD                       |  |         |                 | √           | √                 | √   | √ |                                       |  |
|   |                          |  | Marina Glen A (BCMDA-PPP)  | R 1 443 000 000   |               |                |                   |                    |               |                 |              |                     | TBD                       | BCMDA                                    |         |                 | √           | √                 | √   | √ |                                       |  |
|   |                          |  | Development of Sea View Terrace (BCMDA-PPP)                          | R 267 000 000   |               |                |                   |                    |               |                 |              |                     | TBD                       | BCMDA                                    |         |                 | √           | √                 | √   | √ |                                       |  |
|   |                          |  | Development of the Sleeper Site (BCMDA-PPP)                          | TBD   |               |                |                   |                    |               |                 |              |                     | TBD                       | BCMDA                                    |         |                 | √           | √                 | √   | √ |                                       |  |
|   |                          | East London Station Development: Railway Station Precinct  | R 133 897 800  |   |               |                |                   |                    |               | R 5 000 000     |              |                     |                           |  |         | √               |             |                   |   |   |                                       |  |
|   |                          | Rehabilitation of Latimer's Landing & Signal Hill (TRANSNET - East Bank)   | TBD  |   |               |                |                   |                    |               | R 80 000 000    |              |                     | PRASA                     |  |         | √               |             |                   |   |   |                                       |  |
|   |                          | Upgrading of the Public Transport Corridor from East London to Mdantsane   | R 500 000 000  | R 6 200 000   |               | R 12 000 000   |                   |                    |               |                 |              |                     | TRANSNET                  |  |         | √               | √           | √                 | √   | √ | This project is implemented in phases |  |
|   |                          | Mdantsane Access Road  | R 580 000 000  | R 11 340 000  |               |                |                   |                    |               | USDG            |              |                     |                           |  |         | √               | √           | √                 | √   | √ | √                                     |  |
|   |                          | Rehabilitation of Ziphuzana Bypass   | R 5 000 000  | R 1 000 000   |               |                |                   |                    |               |                 |              |                     |                           |  |         | √               | √           | √                 | √   | √ | √                                     |  |
|   |                          | Duncan Village Redevelopment Initiative (comprising Duncan Village Proper, Duncan Village Composite Site, C-Section, Triangular Site, D-Hbstel, Blockyard TRA)             | TBD  |   |               | R 16 000 000   |                   |                    |               | USDG            |              |                     |                           |  |         | √               | √           | √                 | √   | √ | Ongoing                               |  |
|   |                          | Reeston Housing (linked to DV initiative)  | TBD  |   |               | R 13 500 000   |                   |                    |               | USDG            |              |                     |                           |  |         | √               | √           | √                 | √   | √ | √                                     |  |
|   |                          | Central to Reeston Sewer Diversion, WWTW Tunnel and Civil Works  | R 500 000 000  |   | R 399 524 000 |                |                   |                    |               |                 |              |                     |                           |  |         | √               | √           | √                 | √   | √ | √                                     |  |
|   |                          | Upgrading of the Mdantsane Treatment Works   | TBD  |   |               | R 20 000 000   |                   |                    |               | ISUP            |              |                     |                           |  |         | √               | √           | √                 | √   | √ | √                                     |  |
|   |                          | N2/ R72 Bypass (impacting on the MELD Corridor and the Westbank)   | R 1 300 000 000  |   |               |                |                   |                    |               |                 |              |                     |                           |  |         | No finance      |             |                   |   |   |                                       |  |
|   |                          | Umzinyana Dam and East Coast Water Supply  | TBD  |   | R 50 000 000  |                |                   |                    |               | USDG            |              |                     |                           |  |         |                 |             |                   |   |   |                                       |  |
|   |                          | North West Corridor: Feasibility for extension of NW Expressway and link to Amalinda Main Road. This includes a feasibility study for the Chiselhurst High Density Housing | R 800 000 000,00   | approval process  |               |                |                   |                    |               |                 |              |                     |                           |  |         | √               | √           |                   |   |   |                                       |  |
|   |                          | Improved Regional Access   | R 68 403 990   |   |               |                |                   |                    |               |                 |              |                     |                           |  |         | √               | √           | √                 | √   | √ | No finance                            |  |
|   |                          | Bulle Road Upgrade   | R 73 832 771   |   |               |                |                   |                    |               |                 |              |                     |                           |  |         | √               | √           | √                 | √   | √ |                                       |  |
|   |                          | Toyana Road Pedestrian link to Station   | TBD  |   |               | R 22 473 723   |                   |                    |               | NDPG & USDG     |              |                     |                           |  |         | √               | √           | √                 | √   | √ | √                                     |  |
|   |                          | Land registration and regularization within the Mdanstane Urban Hub  | Prioritise and take forward one site and project                     | R -   |               |                |                   |                    |               |                 |              |                     |                           |  |         | √               |             |                   |   |   | Project not progressing effectively   |  |
|   |                          | Mixed Use and High density infill projects   | TBD  |   |               |                |                   |                    |               |                 |              |                     |                           |  |         | √               |             |                   |   |   | Project not progressing effectively   |  |
|   |                          | New Government Offices: MOU to be signed   | R 561 000 000  |   |               |                |                   |                    |               |                 |              |                     |                           |  |         | √               | √           | √                 | √   | √ | MOU to be signed                      |  |
|   |                          | Rehabilitation of Mdanstane Mall   | TBD  |   |               |                |                   |                    |               |                 |              |                     |                           |  |         | √               | √           | √                 | √   | √ | Implementation underway               |  |
|   |                          | Extension of Mdantsane Arts Centre   | R 4 000 000  | R 6 000 000   |               |                |                   |                    |               |                 | ECDC         |                     |                           |  |         | √               | √           | √                 | √   | √ | √                                     |  |
|   |                          | Redevelopment of Mdantsane Sport Precinct NU2 Swimming Pool  | project complete   |   |               |                |                   |                    |               |                 |              |                     |                           |  |         | √               | √           | √                 | √   | √ | √                                     |  |
|   |                          | Port of East London (TRANSNET): Extend Main Breakwater and Deepen Entrance   | R 1 500 000 000  |   |               |                |                   |                    |               |                 |              | TBD                 | TRANSNET                  |  |         |                 |             |                   |   |   | Awaiting National Board decision      |  |
|   |                          | Construction of Container Terminal (TRANSNET)  | TBC  |   |               |                |                   |                    |               |                 |              |                     |                           |  |         | √               |             |                   |   |   |                                       |  |
|   |                          | Maritime National Training College (TRANSNET)  | TBC  |   |               |                |                   |                    |               |                 |              |                     |                           |  |         | √               |             |                   |   |   |                                       |  |
|   |                          | EL Airport (ACSA): EL Lounge Expansion including Airport Multi-story Parking, Airport Aircraft Parking Stand   | R 72 000 000   |   |               |                |                   |                    |               |                 |              | Deferred            | ACSA                      |  |         | √               | √           | √                 | √   | √ | √                                     |  |
|   |                          | Science and Technology Park  | TBC  |   |               |                |                   |                    |               |                 |              |                     |                           |  |         | √               | √           | √                 | √   | √ | √                                     |  |
|   |                          | IOX International Sea Cable / Meet Me Room (IDZ)   | R 63 000 000   |   |               |                |                   |                    |               |                 | R 63 000 000 |                     |                           |  |         | √               | √           | √                 | √   | √ | √                                     |  |
|   |                          | Revitalisation of the West Bank industrial area/ Motor industry cluster  | R 33 000 000   |   |               |                |                   |                    |               |                 |              |                     |                           |  |         | √               | √           | √                 | √   | √ | √                                     |  |
|   |                          | Water World (Water Park): BCMDA  | TBC  | R 17 000 000  |               |                |                   |                    |               |                 |              |                     |                           |  |         | √               | √           | √                 | √   | √ | √                                     |  |
|   |                          | Harbour Arterial Road (new link from MBSA to ELIDZ) Economic Studies   | R 80 750 000   |   |               | R 3 146 000    |                   |                    |               | PPPSG           |              |                     |                           |  |         | √               | √           | √                 | √   | √ | √                                     |  |
|   |                          | West Bank Water Supply   | TBC  |   |               |                |                   |                    |               |                 |              |                     |                           |  |         | √               | √           | √                 | √   | √ | √                                     |  |
|   |                          | West Bank Restitution (housing)  | R 192 185 000  |   |               | R 18 728 750   |                   |                    |               | USDG            |              |                     |                           |  |         | √               | √           | √                 | √   | √ | √                                     |  |
|   |                          | Hood Point Marine OUTF Sewer   | TBC  |   |               | R 4 000 000    |                   |                    |               | USDG            |              |                     |                           |  |         | √               | √           | √                 | √   | √ | √                                     |  |
|   |                          | N2-R72 Bypass  | R 1 300 000 000  |   |               |                |                   |                    |               |                 |              |                     |                           |  |         | √               | √           | √                 | √   | √ | √                                     |  |
|   |                          | Rehabilitation of Settlers Way   | R 430 000 000  | R 184 636 181   |               |                |                   |                    |               |                 |              |                     |                           |  |         | √               | √           | √                 | √   | √ | Ongoing                               |  |
| Zwelitsha Regional Bulk Sewage Scheme- Phase 2  | R 700 000 000            |  |  | R 4 000 000,00  |               |                |                   | USDG               |               |                 |              |                     |                           | √  | √       | √               | √           | √                 | √   |   |                                       |  |
| Precinct Plan and Public Realm Upgrades KWT CBD   | TBD                      |  |  | R 2 008 000   |               |                |                   | PPPSG              |               |                 |              |                     |                           | √  |         |                 |             |                   |   |   |                                       |  |
| (Kei Road) KWT and Bhisho Bulk Water Scheme: Water Treatment Works  |                          |  |  | funding deferred  |               |                |                   |                    |               |                 |              |                     |                           |  |         |                 |             |                   |   |   |                                       |  |
| (Kei Road) KWT and Bhisho Bulk Water Mains: Bulk Water infrastructure   | R 700 000 000            |  | R 10 000 000,00  | R 5 000 000   |               |                |                   | USDG               |               |                 |              |                     |                           | √  | √       | √               | √           | √                 | √   |   |                                       |  |
| (Kei Road) KWT and Bhisho Bulk Water Scheme: Dams and Weirs   |                          |  |  | funding deferred  |               |                |                   |                    |               |                 |              |                     |                           | √  | √       |                 |             |                   | Completing detail design and tender documentation |   |                                       |  |
| Province : N2 Upgrade Bulembu Airport to King Williams Town & Interchange   | TBC                      |  |  |   |               |                |                   |                    |               |                 |              |                     |                           | √  | √       | √               | √           | √                 | √   |   |                                       |  |
| SANRAL: Resurfacing from KWT to Bhisho & Breidbach; Upgrade R63 Section 15+26 from Bhisho to N6 Interchange; Upgrade N2 Section 14+15; New N2 Breidbach + Belstone Interchange from Green River to Buffalo River;N2 KWT Bypass Ring Road; | TBC                      |  |  |   |               |                |                   | SANRAL             |               |                 |              |                     |                           | √  | √       | √               | √           | √                 | √   |   |                                       |  |
| Proposed Provincial Government Precinct: Bhisho   | TBD                      |  |  |   |               |                |                   |                    |               |                 |              |                     |                           | √  |         |                 |             |                   | Implementation underway                           |   |                                       |  |
| Amathole Museum   | TBC                      |  |  |   |               |                |                   |                    |               |                 |              |                     |                           | √  |         |                 |             |                   |   |   |                                       |  |
| KWT Arts Centre   | R 1 000 000              | R 1 000 000,00   |  |   |               |                |                   | DSRAC              |               |                 |              |                     |                           | √  |         |                 |             |                   |   |   |                                       |  |

