



**KWAZULU-NATAL**  
PROVINCIAL GOVERNMENT  
REPUBLIC OF SOUTH AFRICA



# INFRASTRUCTURE AND CATALYTIC PROJECTS OVERVIEW

GROWING KWAZULU-NATAL TOGETHER

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## BACKGROUND

- ❑ In alignment with the National Development Plan (NDP), KwaZulu-Natal (KZN) has the Provincial Growth and Development Plan (PGDP) to drive the economic growth and transformation needed to **address the triple threat of poverty, unemployment and inequality** within the province.
- ❑ **Infrastructure development was identified as a critical enabler** of the PGDP and hence found resonance in the PGDP in the form of what is now termed as “Catalytic Projects”.
- ❑ The Department of Public Works (DPW) was tasked with coordinating all Infrastructure and Catalytic Projects in KZN.

## BACKGROUND

The Department of Public Works has the **Infrastructure Master Plan**.

The Department is managing the Master Plan in conjunction with the Provincial Infrastructure Coordination Workgroup and the Provincial Planning Commission through the implementation of the PGDP Strategic Objectives and the Presidential Infrastructure Commission's Strategic Integrated Projects (SIPs).

### INFRASTRUCTURE MASTERPLAN COMPONENTS:

**Integrated Infrastructure  
Coordination**

**Catalytic Projects**

**Integrated Infrastructure Information  
Portal  
(INFRASTRUCTURE NERVE CENTRE)**

**Land and Asset Utilisation**

**Green Building Strategy**

**Oceans Economy**

### SECTORS:

**Transport**  
**Alternative Energy**  
**Water and Sanitation**  
**Education**  
**Health**  
**Human Settlements**  
**ICT**  
**Agriculture Infrastructure**  
**Enabling: Mining, Industry, Tourism**  
**Other: Land Utilisation, Green Building,  
Oceans Economy**



## BACKGROUND

### Integrated Infrastructure Coordination

Alignment of sector strategic plans, MTSF, Catalytic projects with PGDS. Stakeholder engagement

### Catalytic Projects

Drive and improve economic growth and transformation needed to address triple treat of poverty, unemployment and inequality

### Land and Asset Utilisation

Implement plan to maximize the utilization and / or commercialization of the Provincial Property Portfolio (land and buildings) with a focus on transformation of property & land sector and opportunities for incubation of Land / Property SMME's.

### Green Building Strategy

Implementing green building strategy for provincially owned facilities and other facilities utilized to reduce impact on climate change

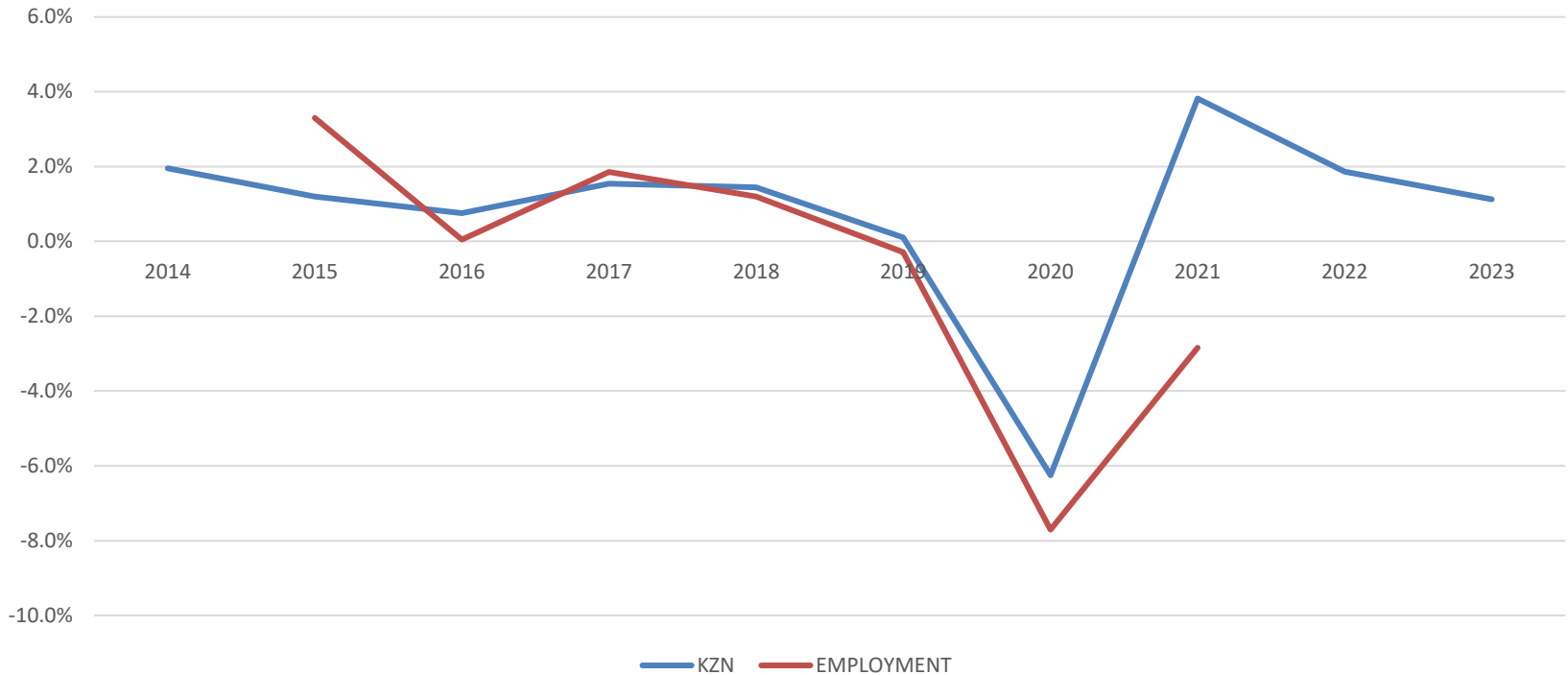
### Oceans Economy

Facilitate implementation of developments that have commenced to improve economic growth and socio economic improvements

## GROWTH IN THE INFRASTRUCTURE INVESTMENT

### Growth in Infrastructure Investment, Gross Domestic Product & Employment (y-o-y growth)

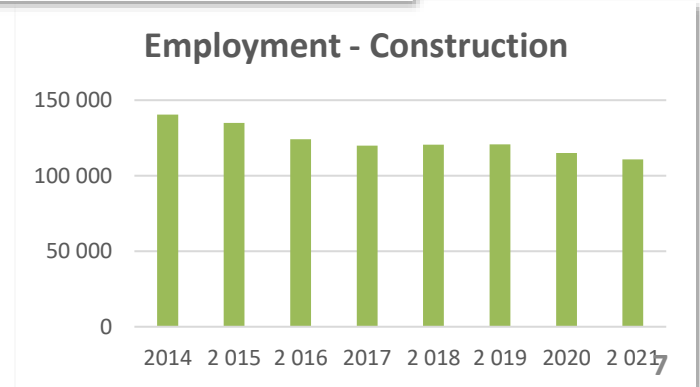
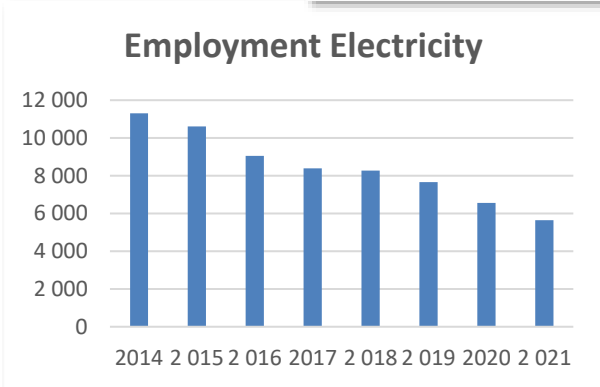
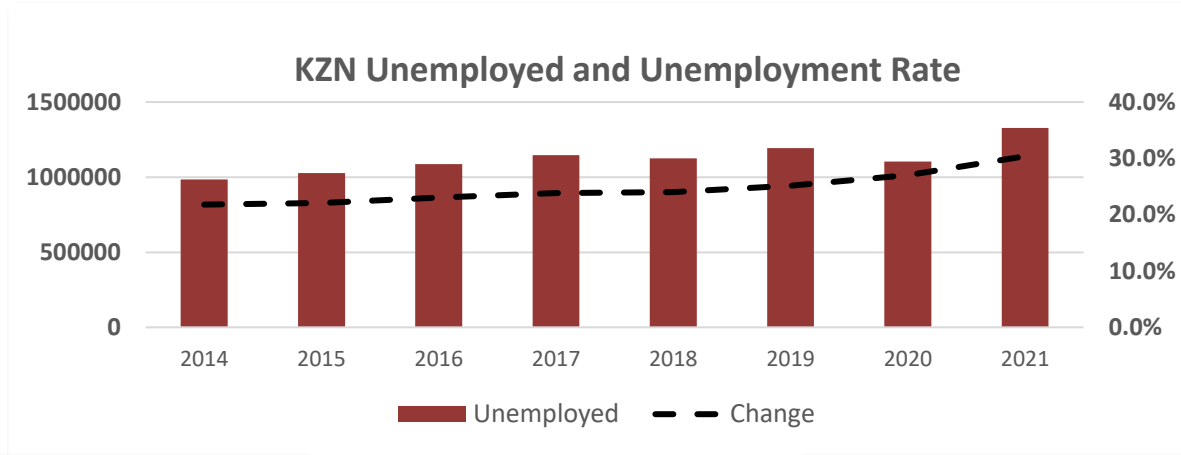
**Growth in Infrastructure Investment  
Gross Domestic Product & Employment (y-o-y growth),**



## PERFORMANCE OF MACRO VARIABLES

### Employment

- ❑ The provincial unemployment rate for Q2 2022 was 32.7% which is below the national rate of 33.9%, excluding discouraged work seekers
- ❑ The level of unemployment in 2021 and 2022 has been the highest jobless rate since the start of 2008
- ❑ Job losses for KZN during 2020 amounted to 210,000 and for SA losses were 1,397,000

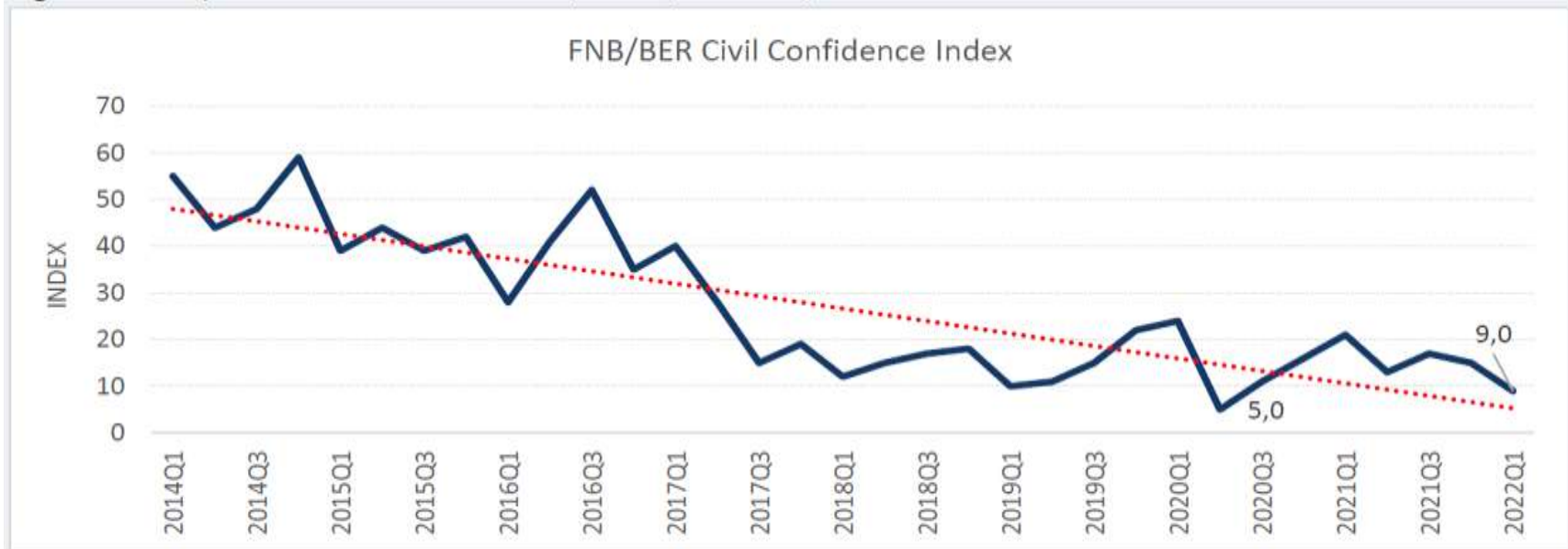


## CONSTRUCTION SECTOR INDICATORS

### CIVIL CONFIDENCE INDEX PERFORMANCE 2014Q1 – 2022Q2

- Indicator aims to gauge the economic sentiments of businesses about their future prospects of economic conditions in a region. Low business confidence is as a result of:
  - Low private sector credit growth
  - Declining business investment spending
  - External shocks related to Covid -19, Social unrest and Floods

**Figure 21: FNB/BER Civil Confidence Index, 2014Q1 – 2022Q1**



Source: Bureau of Economic Research

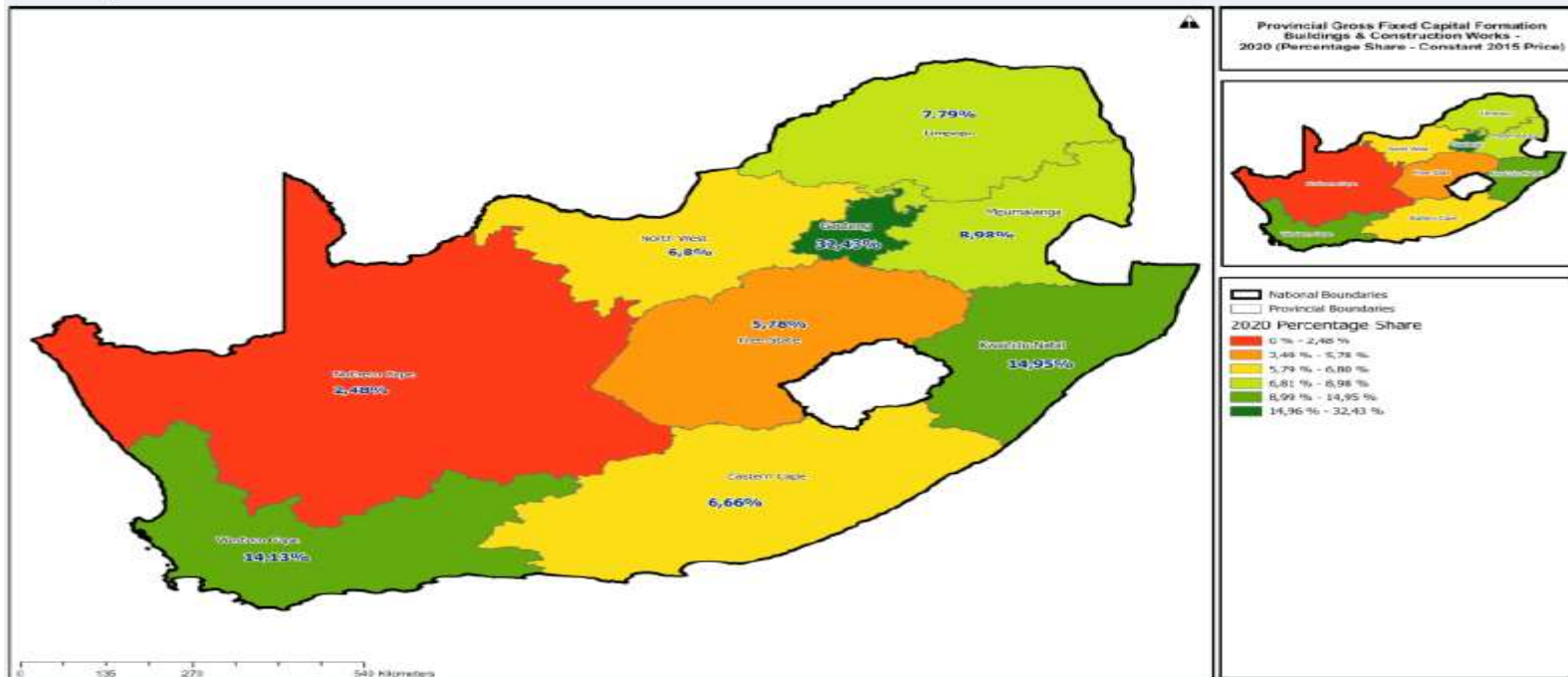


# PERFORMANCE OF MACRO VARIABLES

## Regional Investment

### *Spatial Image of Gross Fixed Capital Formation by Province, 2020, Constant 2015 Prices, Percentage Share, Buildings and Construction Works- MAP*

Figure 12: Spatial Image of Gross Fixed Capital Formation by Province, 2020, Constant 2015 Prices, Percentage Share, Buildings and Construction Works



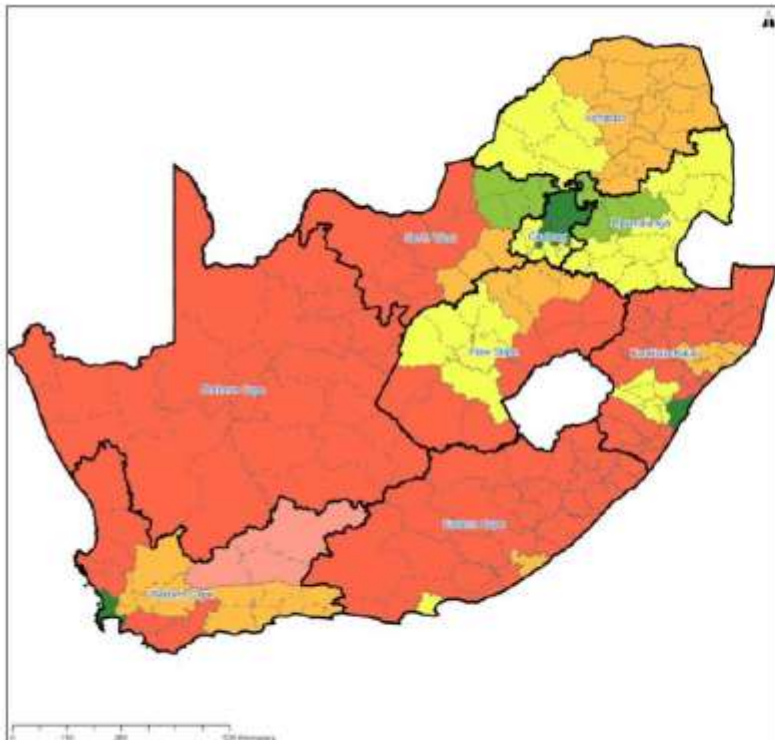
Source: Quantec Easy Data, ISA Mapping

# ECONOMIC RECONSTRUCTION AND RECOVERY PLAN

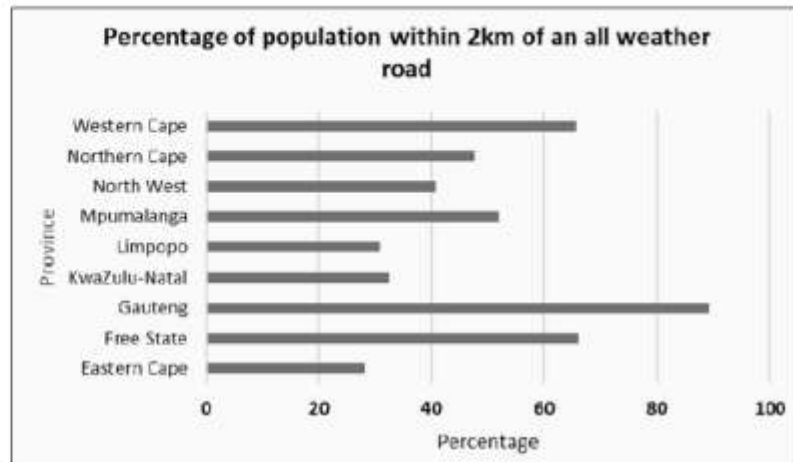
## Infrastructure that meets the goals of NDP

### Measuring Infrastructure Performance -The Urban–Rural Divide –The SA Reality

*%age population within 2km of an all weather road*



Source: Infrastructure South Africa



Source: Infrastructure South Africa

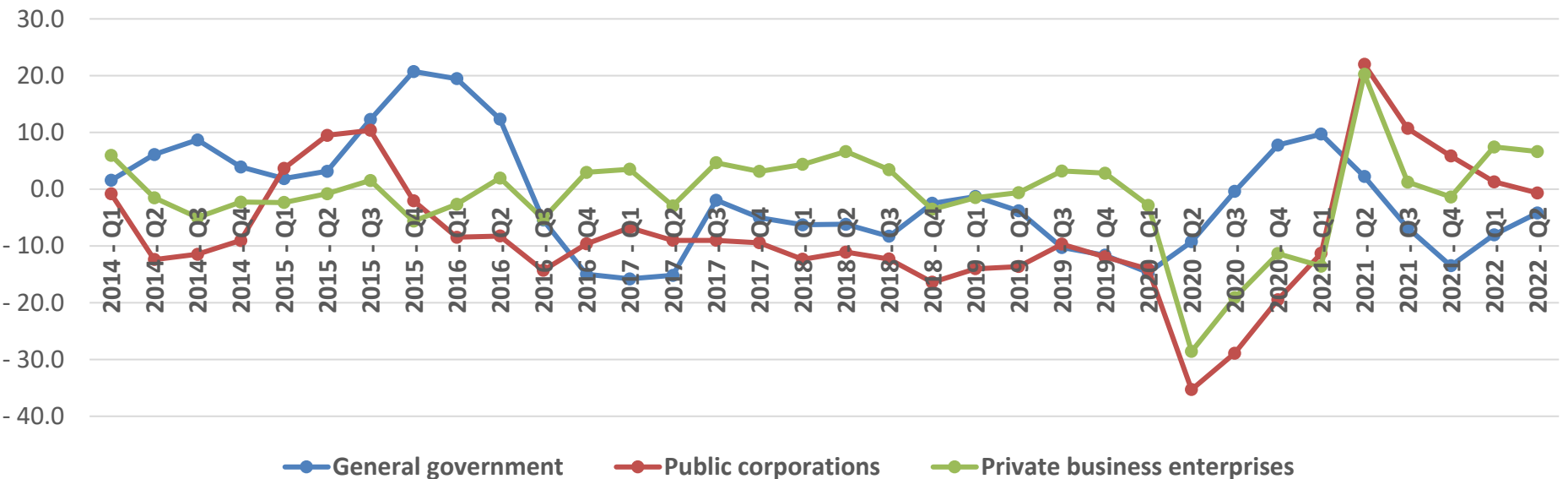
An **additional investment of R900 billion per annum** will be required if the gross fixed-capital-formation target, i.e. 30% of GDP, is to be achieved.



## PERFORMANCE OF MACRO VARIABLES

### Fixed Investment and Infrastructure

Real Gross Fixed Capital Formation as a Percentage of GDP by Entity, Constant 2015 Prices, 2014Q1 – 2022Q2

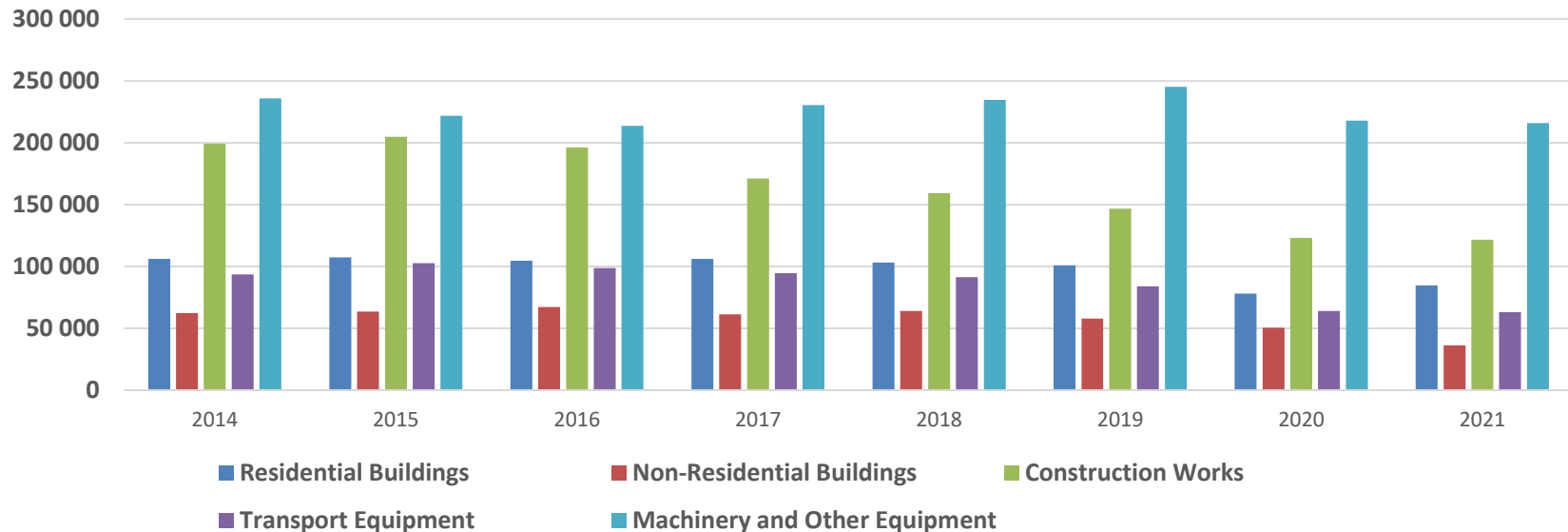


## PERFORMANCE OF MACRO VARIABLES

### Fixed Investment per Asset

*Gross Fixed Capital Formation by Asset, Constant 2015 Prices, Seasonally Adjusted, 2019Q1 – 2021Q4  
(Residential Buildings, Non Residential Buildings, Construction Works, Transport Equipment, Machinery and other equipment)*

**Gross Fixed Capital Formation by Asset**

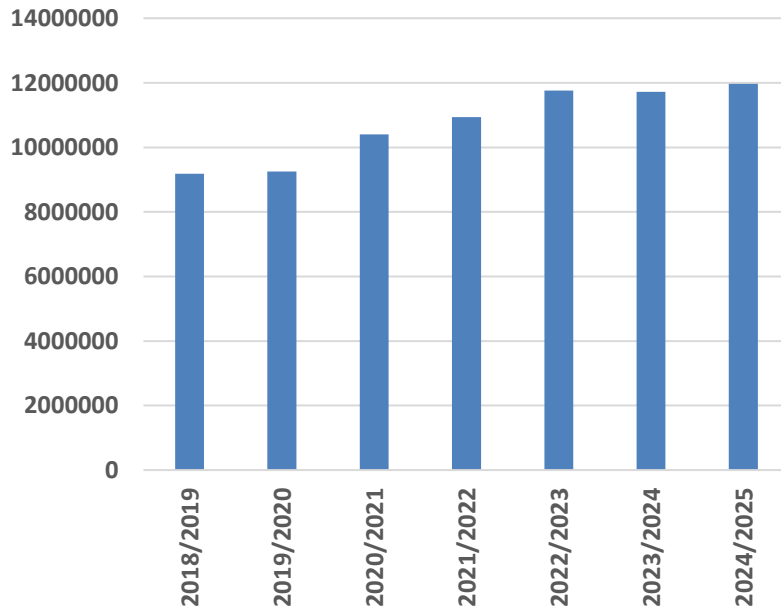


## INFRASTRUCTURE SPENDING

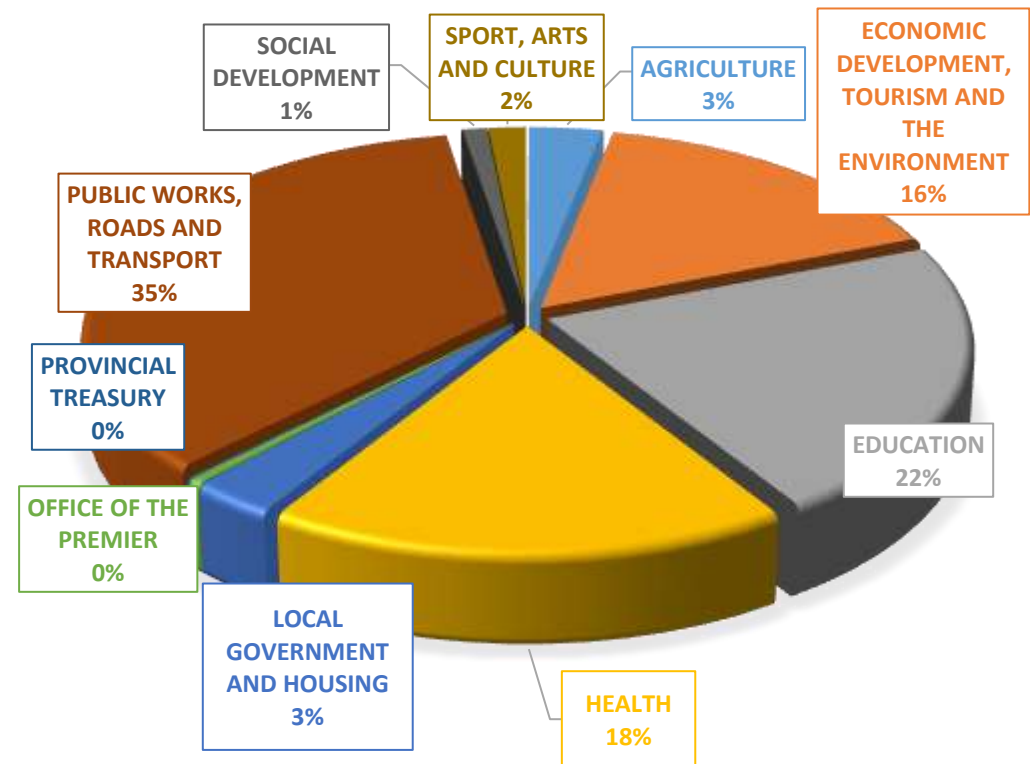
### MEDIUM TERM EXPENDITURE OUTLOOK

*Fiscal Infrastructure Spending, 2014/15 – 2024/25*

### KZN MTEF INFRASTRUCTURE ESTIMATES



**MEDIUM TERM EXPENDITURE OUTLOOK: Composition of MTEF by Sector (2022/23 – 2024/25) (Energy, Water and sanitation, Transport and logistics, Other economic services, Health, Education, Agriculture, Other social services, Administration services)**

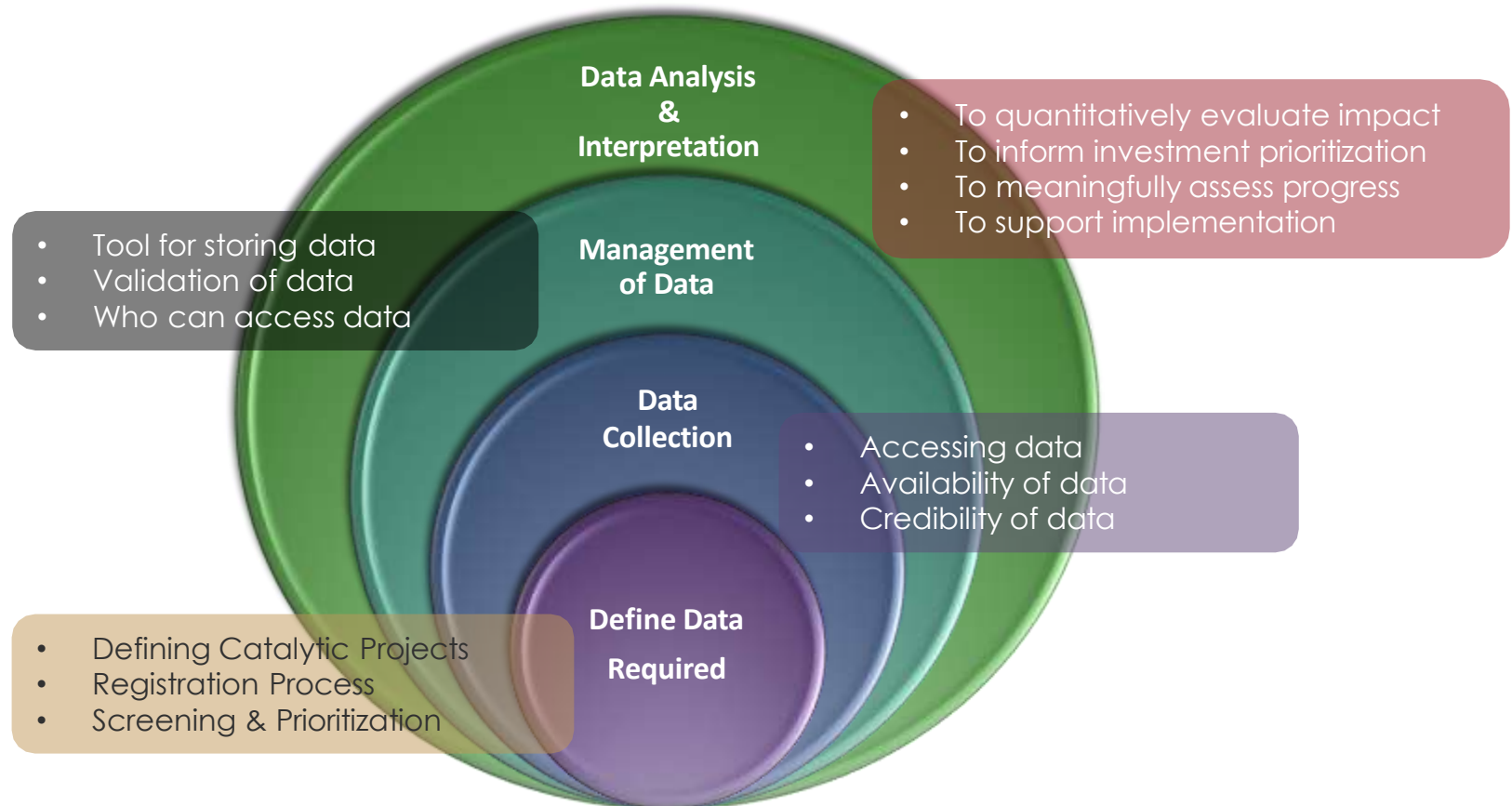




# PROGRESS ON INFRASTRUCTURE AND CATALYTIC PROJECTS

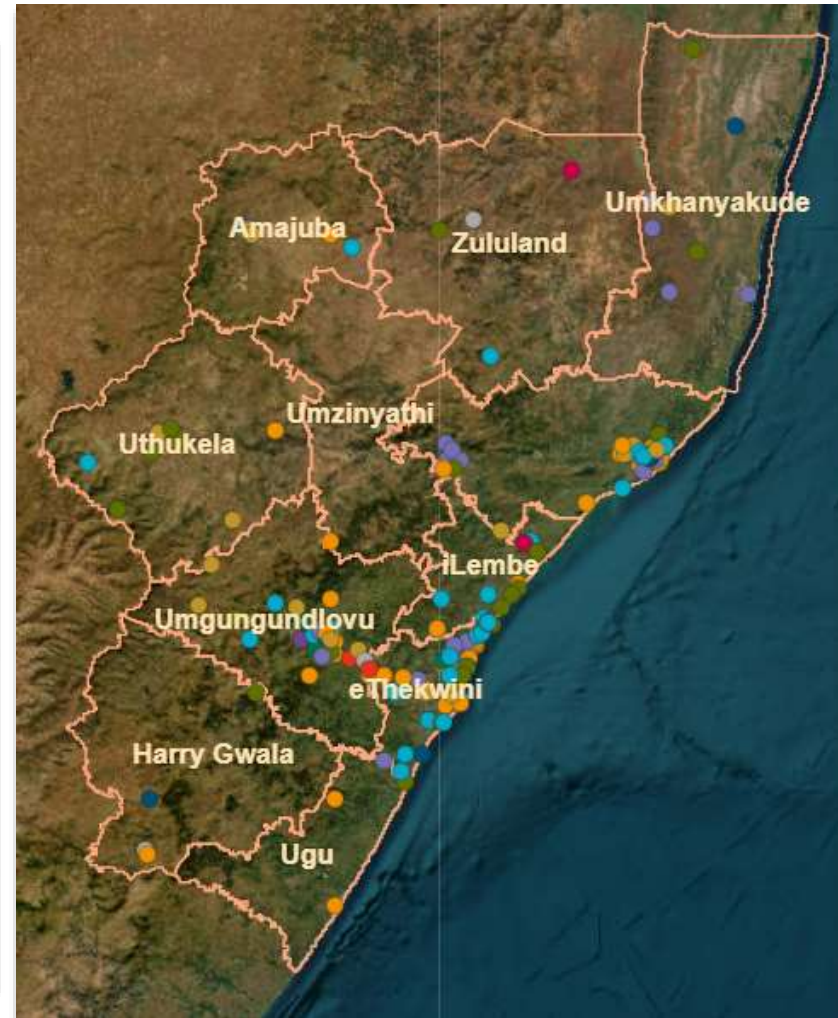
# PROGRESS REPORT

- The Catalytic Projects portfolio is a component of the KZN Infrastructure Master Plan. The portfolio itself has different elements as summarised in the Figure below.



# CATALYTIC PROJECTS OVERVIEW

<b>Total Number of Catalytic Projects/Programs</b>	<b>198</b>
Total Number of Existing Projects	153
New from Provincial Reports	45
<b>Currently Active Projects</b>	<b>171</b>
Total Number of Projects Cancelled (Airport Rapid Rail Transit)	1
Total Completed	26





# PGDP ALIGNMENT FRAMEWORK

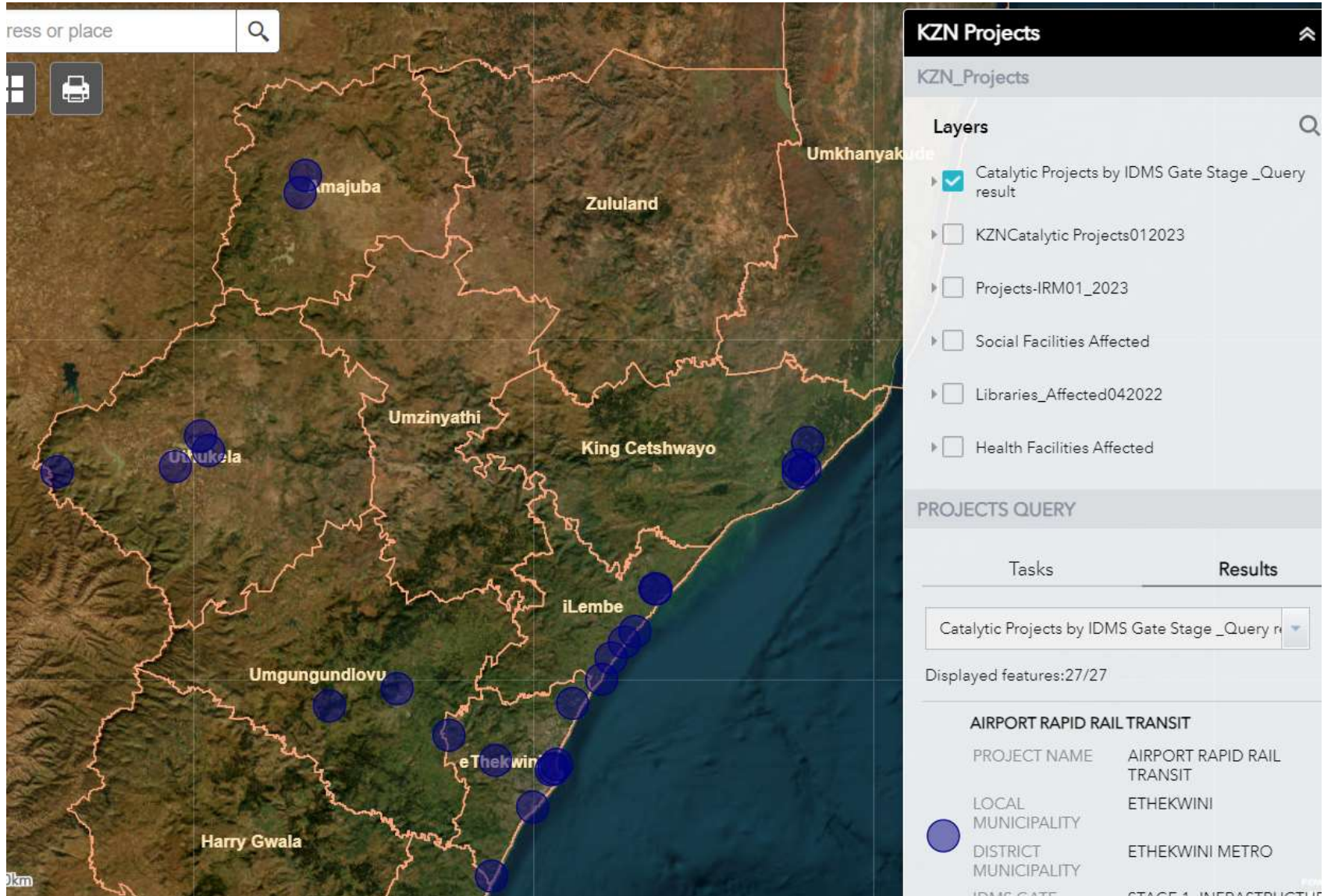
Item	INFRASTRUCTURE CATEGORY	PGDP FOCUS AREA	Qty	Value
1)	Security Related Infrastructure	Infrastructure to Support the Aspirations of a Secure, Dignified and Harmonious Population	34	R3 365 555 769 438.13
2)	Social Infrastructure	Infrastructure to Support Aspirations of a Healthy Population	5	R3 979 000 000.00
3)	Economic Infrastructure	Infrastructure to Support Aspirations of a Skilled Population	1	No Investment value provided
		Infrastructure to Support Aspirations of a Gateway	113	R1 398 726 298 826.09
<b>TOTAL</b>			<b>153</b>	<b>R4 768 261 068 264.22</b>

# CATALYTIC PROJECTS – INDICATIVE PIPELINE

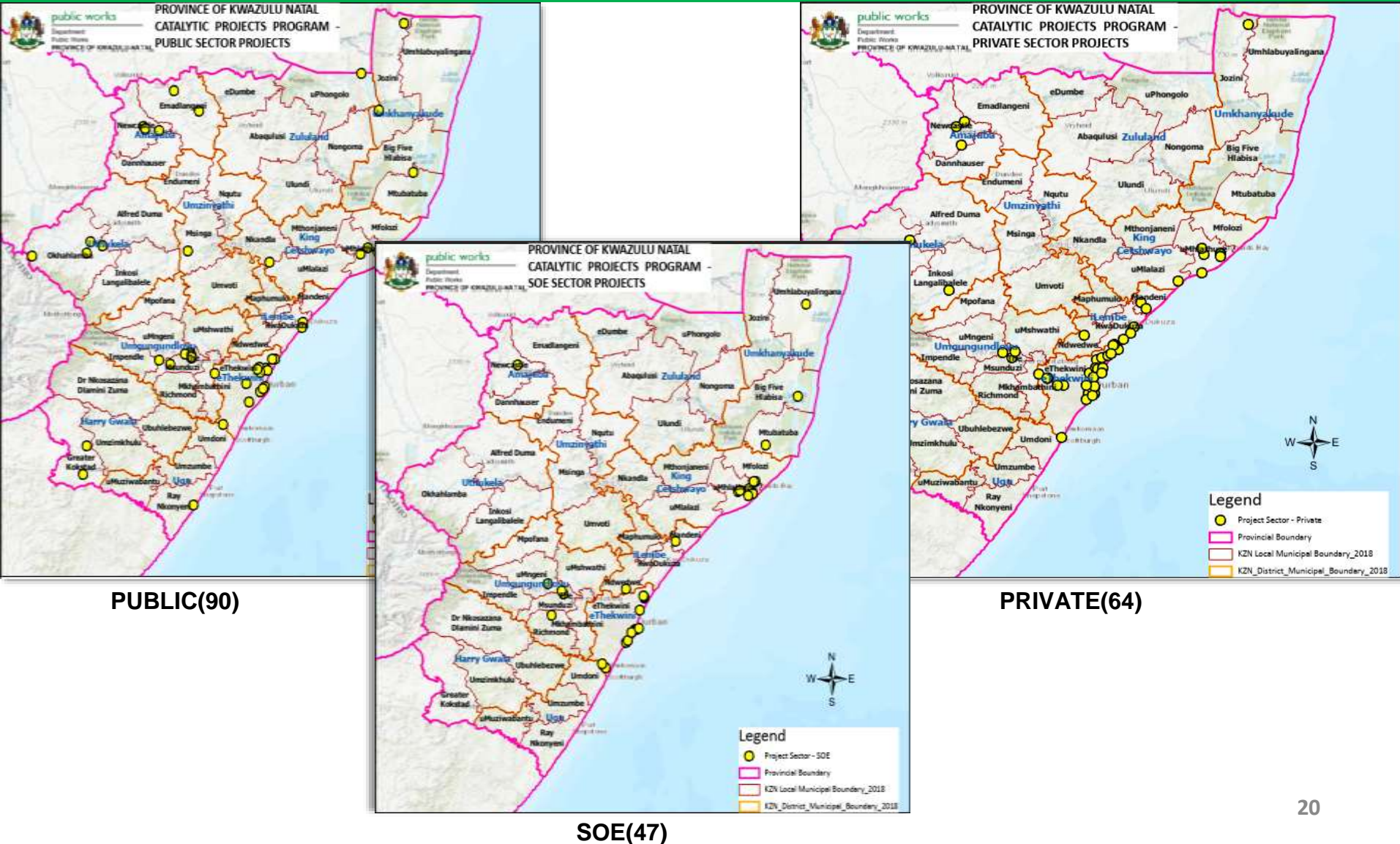
PROJECT DESCRIPTION	SHORT TERM PROJECTS	MEDIUM TERM PROJECTS	LONG TERM PROJECTS	TOTAL
PERIOD	Next 1 to 3 years	Next 3 to 5 years	5 years & More	
Investment Value	R11,1 billion	R52.4 billion	R178,1 billion	R241.6 billion
Job Opportunities to be created: (Construction & Permanent)	5 570	18 821	24 300	34 691

- Above is an indicative / potential target to grow the catalytic project programme. It illustrates that the programme needs to expand in a deliberate and measured way through interventions to scale up the whole supply chain.
- A programme of this nature requires significant support and takes a long time to mature as there are several complex interventions that culminate in the output and this is due to the scale of the projects.
- The current environment (supply chain) also has to scale up to support the implementation of such a programme, e.g.. SANRAL spent 3 years researching and sourcing adequate supply of stone for the N2/N3 upgrades.
- As the projects are large and complex, the implementation is cumbersome and needs to be deliberate and aligned and so agility and frivolous reactionary changes actually have a detrimental effect.
- The objective is to develop a sustainable pipeline to create incremental, consistent and exponential growth.

# CATALYTIC PROJECTS – PIPELINE



# CATALYTIC PROJECTS: SECTORS



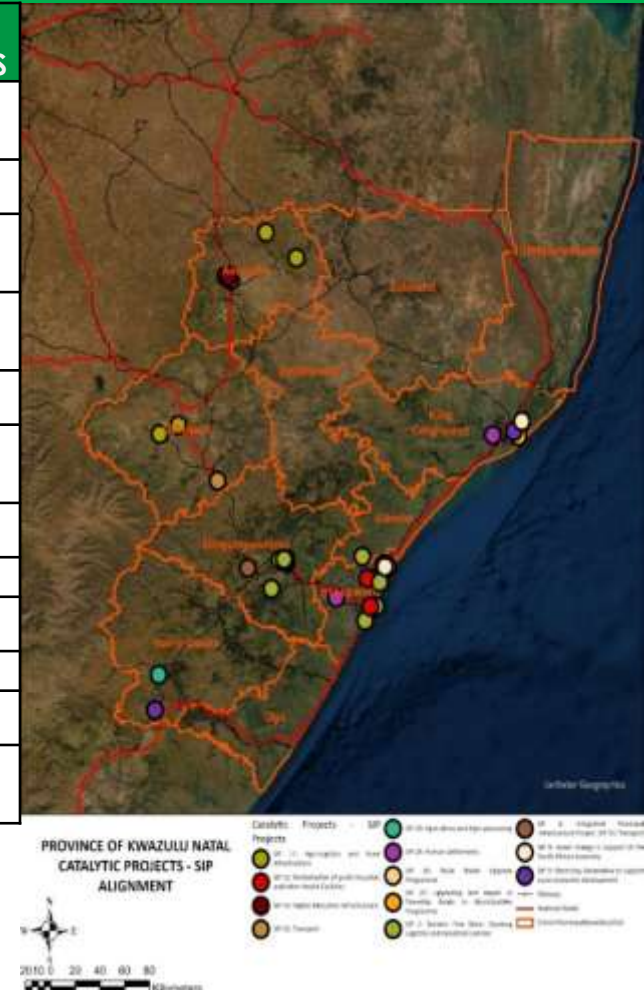
# CATALYTIC PROJECTS: RATIONALISATION

Description	Total Projects
Original Catalytic Project List	153 + 35 = 198
Projects Cancelled	1
Projects Closed Out/Handover	26
Current Active Projects	171

D_Code	District Municipality	No of Projects	%age
ETH	eThekweni	67	40,36%
DC21	Ugu	2	1,20%
DC22	UMgungundlovu	25	15,06%
DC23	UThukela	6	3,61%
DC24	UMzinyathi	1	0,60%
DC25	Amajuba	9	5,42%
DC26	Zululand	2	1,20%
DC27	Umkhanyakude	4	2,41%
DC28	King Cetshwayo	28	16,87%
DC29	iLembe	13	7,83%
DC43	Harry Gwala	7	4,22%
	Province Wide	4	2,41%

# CATALYTIC PROJECTS PROFILE – STRATEGIC INFRASTRUCTURE PROJECTS (SIP)

DESCRIPTION		NO OF PROJECTS
SIP (45)	SIP 2 Projects - Durban- Free State- Gauteng Logistics and Industrial Corridor	14
	SIP 6 Projects - Integrated Municipal Infrastructure Project	1
	SIP 8 Projects - Green Energy in support of the South African economy	2
	SIP 9 Projects - Electricity Generation to support socio-economic development	5
	SIP 11 Projects - Agri-Logistics and Rural Infrastructure	4
	SIP 12 Projects - Revitalization of public hospitals and other health facilities	3
	SIP 14 Projects - Higher Education Infrastructure	1
	SIP 21 Projects – Transport	4
	SIP 23 Projects - Agriculture and Agro-processing	2
	SIP 24 Projects - Human Settlements	7
	SIP 26 Projects - Rural Roads Upgrade Programme	1
	SIP 27 Projects - Upgrading and Repair of Township Roads in Municipalities Programme	1



# CATALYTIC PROJECTS PROFILE – INFRASTRUCTURE SECTOR

DESCRIPTION	NO OF PROJECTS	PROJECTS VALUE
Infrastructure Sector - Transport	37	R174 Bn
Infrastructure Sector - Water	11	R24 Bn
Infrastructure Sector - Sanitation	3	R60 Mil
Infrastructure Sector - Energy	11	R2,6 Bn
Infrastructure Sector - Refuse Removal	2	R2,6 Mil
Infrastructure Sector - Education	4	R2,3 Mil
Infrastructure Sector - Health	8	R6,131 Bn
Infrastructure Sector - Human Settlements	38	R3 Tril
Infrastructure Sector - Agriculture	9	R75 Mil
Infrastructure Sector - Social	13	R33,707 Bn
Infrastructure Sector - ICT	5	R4,4 Bn
Infrastructure Sector – Tourism Enabling	15	R83 Bn
Infrastructure Sector – Mining Enabling	4	
Infrastructure Sector – Industry Enabling	60	
Infrastructure Sector - Economic	1	

# CATALYTIC PROJECTS PROFILE

## CATALYTIC PROJECTS PROFILE – PROVINCIAL DEPARTMENTS

DESCRIPTION	NO OF PROJECTS
Department Of Agriculture And Rural Development	8
Department Of Cooperative Governance And Traditional Affairs	3
Department Of Economic Development, Tourism And Environmental Affairs	10
Department Of Health	3
Department Of Human Settlement & HDA	10
Department Of Water And Sanitation & UMhlathuze	1
Department Of Transport	1
Office Of The Premier ( KZN Broadband and Inkululeko development project 2 : Cwaka)	2
KZN Provincial Treasury	4

## CATALYTIC PROJECTS PROFILE – MUNICIPAL PROJECTS

DESCRIPTION	NO OF PROJECTS
EThekweni Municipality	6
Greater Kokstad Municipality	5
Isimangaliso Authority	1
Msunduzi Municipality	5
Newcastle LM	2
UMhlathuze Municipality: City Development Department	4

## CATALYTIC PROJECTS PROFILE – SOE PROJECTS

DESCRIPTION	NO OF PROJECTS
Dube Trade Port	4
Durban Point Development Company (Pty) Ltd	1
PRASA	1
Eskom / EThekweni etc	1
Richards Bay Industrial Development Zone	8
SANRAL	8
Transnet	1
Transnet National Ports Authority And Transnet Port Terminals / Port Of Durban	4
Transnet National Ports Authority And Transnet Port Terminals / Port Of Richards Bay	1
Umgeni Water / DWS	3



## COMPLETED PROJECTS – (FROM 2019/20 TO DATE)

PROJECT NAME	SECTOR	TOTAL BUDGET/INVESTMENT VALUE	JOBS CREATED
ARCELOR MITTAL BLAST REFURNANCE	PRIVATE	R500 000 000,00	1328
BHAKRESA SA MILLS	PRIVATE	R75 000 000,00	199
CANELANDS INDUSTRIAL ESTATE	PRIVATE	R20 662 560,00	110
CORNUBIA INTEGRATED HUMAN SETTLEMENT PHASE 1	PRIVATE	R20 000 000 000,00	53121
Cornubia Ph 1A	PUBLIC	R 45 459 024,98	121
Cornubia Ph 1B	PUBLIC	R 459 155 233,54	1220
CORNUBIA SKILLS HUB - BUSINESS INCUBATOR	PRIVATE	R10 000 000,00	27
DUBE TRADE PORT SEZ (SIP 2)	SOE	R106 000 000,00	116
GREATER DUKUDUKU PROJECT	PUBLIC	R37 630 000 000,00	99947
HILLSIDE ALUMINIUM	PRIVATE	R1 200 000 000,00	3187
ISIMANGALISO WETLAND PARK	SOE	R250 000n000	2187
LOWER TUGELA BULK WATER SUPPLY SCHEME - PHASE 1	SOE	R1 546 038 000,00	20000
MAKHATHINI INTEGRATED DEVELOPMENT PROJECT	PUBLIC	R270 000 000	1711
MR PRICE DISTRIBUTION CENTRE - KEYSTONE PARK	PRIVATE	R1 100 000 000,00	3100
MSUNDUZI FREEWAY NODE DEVELOPMENT (SIP 2)	PUBLIC	R1 000 000 000,00	2922
N2 - JOHN ROSS INTERCHANGE	SOE	R21 351 000 000,00	56709
N2 - NKODIBE INTERCHANGE	SOE	R21 351 000 000,00	56709
NSUZE IRRIGATION SCHEME	PUBLIC	R3 800 000,00	10
DEVELOPMENT OF REGIONAL AIRPORTS: PIETERMARITZBURG AIRPORT UPGRADE	PUBLIC	R40 000 000,00	1328

## COMPLETED PROJECTS – (FROM 2019/20 TO DATE)

PROJECT NAME	SECTOR	TOTAL BUDGET/INVESTMENT VALUE	JOBS CREATED
TECHNO HUB IN RICHARDSBAY	SOE	R1 000 000 000,00	3000
REGIONAL AIRPORTS -MKHUZE	PUBLIC	R72 000 000,00	1500
RICHARDSBAY DESALINATION PLANT	PUBLIC	R300 000 000,00	797
SAMSUNG ELECTRONICS	SOE	R260 000 000,00	691
TAB (TOYOTA AUTO BODY)	PRIVATE	R6 100 000 000,00	16202
TUGELA FERRY IRRIGATION	PUBLIC	R40 000 000,00	325
VULINDLELA RURAL HOUSING PROJECT (EHP)	PUBLIC	R2 359 050 000,00	1832
WESTWOOD ESTATE	PRIVATE	R3 200 000 000,00	8499
UMHLANGA NODES - OCEANS UMHLANGA	SOE	R 4 000 000 000,00	17500
UMHLANGA NODES - THE ARCH	SOE	R1 300 000 000,00	26000
UMHLANGA NODES - NEDBANK SQUARE	SOE	R1 000 000 000,00	2000
DR PIXLEY KA ISAKA SEME MEMORIAL HOSPITAL	PUBLIC	R2 000 000 000,00	5312
DURBAN PASSENGER CRUISE TERMINAL	SOE	R500 000 000,00	1328
<b>OVERALL TOTAL</b>		<b>R 129 549 164 817.00</b>	<b>389 038</b>

## PROJECTS REQUIRING INTERVENTION

PROJECT NAME	SECTOR	PROJECT STAGE	INTERVENTION REQUIRED
Cato Ridge Logistics Hub	Private	Stage 1: Infrastructure Planning	Funding Agreement Between Sanral, KZN DOT, EThekweni Transport Authority And Develop Needed For New N3 KwaXimba Interchange And All Connector Roads (R103 And Eddie Hagan Roads)
Brickworks	Public	Stage 1: Infrastructure Planning	KZN Dot To Provide Funding Commitment Towards Provincial Portion Of ONCR
Oceans Umhlanga: Public Transport Infrastructure	Public	Stage 1: Infrastructure Planning	City to approve the TMP after Bus Holding Site has been resolved
Beachwood	Public	Stage 1: Infrastructure Planning	EWS to allow developer build on-site
Durban Film Studio	Private	Stage 1: Infrastructure Planning	Land Transfer to Developer Anticipated to be Completed Nov 2022

## PRIVATE SECTOR INVESTMENT IN BULK INFRASTRUCTURE

- ❑ Private sector has committed to invest into bulk infrastructure, where developments are affected.
- ❑ The incentive to fund these infrastructure demands, business has proposed a rates rebate / discount / holiday for the period of the investment into the infrastructure
- ❑ However, the institutional framework needs to be designed to ensure compliance on how both the Municipality and Business will benefit from the initiative
- ❑ COGTA will seek guidance from Treasury on how best to design these agreements and support Municipalities in understanding what is required to form these processes.

## RISKS AND MITIGATION STRATEGIES

RISKS	MITIGATION STRATEGIES	RESPONSIBILITY	TIME FRAME
Business Forums	<ul style="list-style-type: none"> <li>• Conduct trainings and workshops educating forum members on tendering for work and the adverse effects of intimidation tactics.</li> <li>• Collaborating with SAPS, Hawks and NPA to ensure speedy and resolute arresting and prosecution of perpetrators.</li> <li>• Establishing a anti-forum special unit with the Hawks where intimidated parties can quickly share information on perpetrators and ensure quick arrests.</li> <li>• Public campaigns against unruly forums.</li> </ul>	<ul style="list-style-type: none"> <li>• DOPW, DOT</li> <li>• SAPS &amp; Comm Safety</li> <li>• SAPS &amp; Comm Safety</li> <li>• SAPS &amp; Community Safety</li> </ul>	<p>31 March 2024</p> <p>31 March 2024</p> <p>31 March 2024</p> <p>31 March 2024</p>
Load Shedding	<ul style="list-style-type: none"> <li>• Implement strategies on bringing private producers onboard to assist with production of electricity.</li> <li>• Ensure municipalities are capacitated and supported to generate alternative electricity supplies (outside ESKOM supply) especially within the Metro and secondary cities including deal with delinquency</li> </ul>	<ul style="list-style-type: none"> <li>• OTP, EDTEA &amp; COGTA</li> <li>• COGTA</li> </ul>	<p>31 December 2023</p> <p>31 December2023</p>

## RISKS AND MITIGATION STRATEGIES

RISKS	MITIGATION STRATEGIES	RESPONSIBILITY	TIME FRAME
Bulk Services Supply	<ul style="list-style-type: none"> <li>• Closely monitor the approval processes of statutory requirements e.g. SPLUMA, WULA etc.</li> <li>• Reprioritize funding for bulk infrastructure services such as water, roads, sewer etc.</li> </ul>	<p>EDTEA</p> <p>COGTA, DOT &amp; Treasury</p>	<p>31 March 2024</p> <p>30 September 2023</p>
Land Claims	<ul style="list-style-type: none"> <li>• Collaboration and regularly engage with Traditional Councils on land matters.</li> </ul>	COGTA	31 March 2024

## RECOMMENDATIONS

- It is recommended that the meeting notes the progress on the Provincial Infrastructure and Catalytic Projects

# THANK YOU

**GROWING**  
KWAZULU-NATAL  
**TOGETHER**





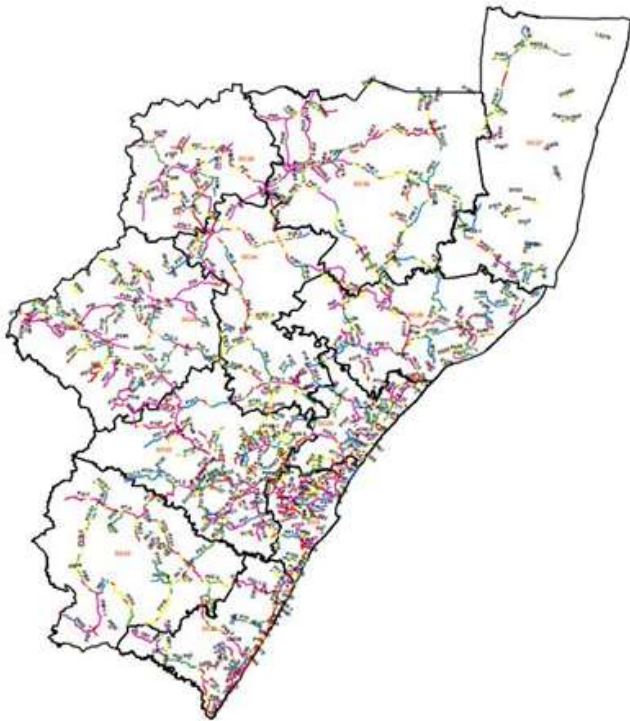
# CATALYTIC PROJECTS ANNEXURES



# CATALYTIC PROJECTS LIST SAMPLES: PUBLIC (GOVERNMENT) SECTOR



# KZN DOT ROAD NETWORK

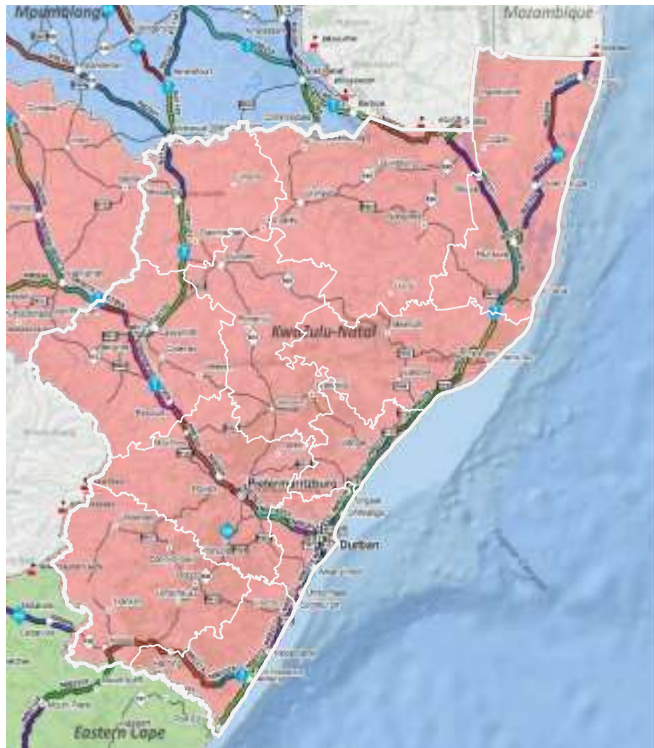


DISTRICTS	BLACKTOP	CONCRETE	GRAVEL	TOTAL
DC21_Ugu	627.496	5.373	1861.375	<b>2494.245</b>
DC22_Umgungundlovu	1232.349	7.987	2614.850	<b>3855.186</b>
DC23_UThukela	1087.803	3.018	2197.809	<b>3288.630</b>
DC24_UMzinyathi	782.284	0.758	2320.719	<b>3103.762</b>
DC25_Amajuba	454.179	0.546	1365.082	<b>1819.807</b>
DC26_Zululand	1067.397	0.431	3478.682	<b>4546.510</b>
DC27_Umkhanyakude	390.507	4.351	3222.958	<b>3617.816</b>
DC28_King_Cetshwayo	836.342	0.608	2881.163	<b>3718.113</b>
DC29_ILembe	556.736	0.401	1446.503	<b>2003.641</b>
DC43_Harry Gwala	655.746	0.240	312.611	<b>3782.597</b>
eThekwini	911.598	1.709	598.688	<b>1511.995</b>
<b>TOTAL</b>	<b>8602.437</b>	<b>25.422</b>	<b>25114.442</b>	<b>33742.301</b>

- The total investment is R 5,5 billion



# SANRAL ROAD NETWORK



ROUTE	DESCRIPTION	LENGTH	
		Toll	Non-Toll
N2	Brooks Nek to Durban (EB Cloete I/C)	176.47	136.31
N2	Durban (EB Cloete) to Pongola (Mpumalanga Border)	398.89	123.23
R22	Hluhluwe to Kosi bay Border Posts		109.56
R69	N2/R69 Intersection to Golela Border Posts		9.6
N3	Durban (Westville) to Umgungundlovu (Hilton)	160.36	254.8
N11	N3 (bergville I/C) to Ingongo Rise (Amajuba District Municipality)		60.02
<b>TOTAL</b>		<b>735.72</b>	<b>693.52</b>

- The total investment is R billion

# CORNUBIA PHASE 1 & 2

FROM THIS



TO THIS



## PHASE 1 & 2 : SUB PHASES & STATUS

- ❑ **Total Housing Units:** Phase 1 - 2 662  
Phase 2 - 25 336
  
- ❑ **Development stage:** Phase 1 – Complete  
Phase 2 - Planning and Feasibility Studies
  
- ❑ **Phase 2 Comprises:**
  - Subsidized Low Income & Affordable Housing Units: 12 440
  
  - Private Sector housing Units : 12 896
  
  - Associated social amenities to be developed within 7 social clusters

DISTRICT	PROJECT NAME	YIELD /BENEFICIARIES	PROGRESS	CHALLENGES AND WAY FORWARD
ETHEKWINI	CORNUBIA (MEGA CATALYTIC) IRDP /	Phase 2A – 2555 Phase 2B – 3294 Phase 2C – 3034 Phase 2D – 2821 Private Sector- 12 896	<p><b>Phase 2 A</b>-Phase 2A South amended SPLUMA &amp; Phase 2A North SPLUMA submission both anticipated in February 2022. The layout is being amended due to the review of the framework plan. Approvals from the Line Departments at the Municipality are in place.</p> <p><b>Phase 2B</b>-Prelim studies finalized- currently circulating internally at Municipality for inputs. Planning underway, still to obtain Stage 1 funding approval, Application pack for evaluation leading to MEC approval received has been received</p> <p><b>Phase 2 C&amp;D</b> Process of appointment of professional team underway.</p>	<p><u>Challenges:</u></p> <p>Contract expiry (Extension of contract submission is done) Revision of the framework plan and alignment of Phase A South portion with the Boulevard area delayed the SPLUMA Application for Phase 2 North. Appeal process on the appointed contractor for installation of services for Phase 2A South delayed the programme. (Municipality is addressing the appointment issue)</p> <p><u>Way Forward:</u></p> <p>Continuous follow-ups are been made with the EThekwini Metro.</p>

DISTRICT	PROJECT NAME	YIELD / BENEFICIARIES	PROGRESS	CHALLENGES AND WAY FORWARD
ETHEKWINI	<b>GREATER AMAOTI (MEGA / CATALYTIC) ISU</b>	20 000	<ul style="list-style-type: none"> <li>• All field Geotech investigation has been completed.</li> <li>• Civil Engineer is on site assessing the bulk services in consultation with the Municipality line Departments. Civil Engineer has also commenced with Draft Layout Plans. Detailed Designs have commenced involving engagements with the Municipality regarding the infrastructure requirements will be done.</li> <li>• The Environmental Scoping Report is been done. Report on the status of the Bulks Services has been finalized.</li> <li>• Heritage Impact Assessment is currently been conducted.</li> <li>• Final Layout still to be submitted to DELTA BEC – awaiting completion of the Engineering inputs, in order to continue with SPLUMA application.</li> <li>• Draft land audit report submitted- awaited final land audit report- currently being consolidated.</li> <li>• Upgrading Plans have been received from the Service Provider.</li> <li>• Road design for the entire Amaoti area, has been completed.</li> <li>• Survey on Phase 1 is underway.</li> </ul>	<p><u>Challenges:</u></p> <p>Delays on the finalization of the Engineering designs</p> <p><u>Way Forward:</u></p> <p>Continuous follow-ups are been made with the Service Provider.</p>



## EMPANGENI IRDP PHASE 1 & 2

### Phase 1A: 488 Sites

- Special Residential 405 Sites (Serviced Sites)
- Medium Density 83 Units (CRU/Social)

### Phase 1B: 592 Units

- Special Residential 178 Units (RDP/FLISP)
- High Density 414 Units (CRU/Social Housing)

### Phase 1C: 665 Units

- Special Residential 199 Units (RDP/FLISP)
- High Density 466 Units (CRU/Social Housing)

**Bulk Services Budget: R55 938 043.20**

**Internal Services Budget: R97 699 444,11**

### Phase 2: 8485 Units

- Special Residential min 240m<sup>2</sup> 1770 Units
- Special Residential Min 450m<sup>2</sup> 174 Units
- High Density Residential (1) 17 sites (4040 units)
- High Density Residential (2) 10 sites (1301 Units)
- High Density Residential (3) 8 sites (1 200 Units)
- Commercial (3) 4 sites
- Municipal Health and Government – 4 sites
- Education (primary/Secondary) 10 sites
- Mixed Use Low Impact – 5 sites
- Public open Space – 47 Sites
- Conservation – 5 sites
- Proposed Roads
- **Bulk Services Budget : R144 087 553,58**
- **Bulk Service Expenditure: R109,896,280.18**

## INFRASTRUCTURE CAPITAL PROJECTS IMPLEMENTED BY DOPW

- ❑ The Department of Public Works is implementing over 1600 projects for various Departments. Infrastructure capital projects amounting to R 3 billion is under construction over multi financial year.

PROJECT NAME	DESCRIPTION	CLIENT	PROJECT BUDGET	NO. OF JOBS CREATED/ANTICIPATED
Xoloxolo Primary School	Upgrade and Additions to Existing School	DOE	R56 748 375	53
Ekucabangeni Secondary School	Replacement School	DOE	R68 883 945	300
Dundee Junior Secondary School	Replacement School	DOE	R58 712 621	108
Ilembe District Office	New Office Building	DOPW	R52 000 000	45
Kokstad Agricultural Research Station	Repairs and renovation to farm office and village houses.	DARD	R31 968 000	30
UMzimkhulu Service Office	Repairs and Renovations	DARD	31 784 000	41

## PUBLIC INFRASTRUCTURE PROJECTS

PROJECT NAME	DESCRIPTION	CLIENT DEPARTMENT	PROJECT BUDGET	NO. OF JOBS CREATED/ANTI CIPATED
Cedara Agricultural Lab	Repairs and Renovations to Hostels	DARD	R30 000 000	30
Phoenix Office	Service Repairs and renovations	DSD	R29 000 000	32
Osizweni Centre	Service Construction of New Service Office	DSD	R31 808 964	23
230 Prince Alfred	Renovation to the Facility	DAC	R41 000 000	37
Nongoma	New Office: RTI	DOT	R48 000 000	41
Enyokeni Precinct	Upgrade and Renovation	DAC	R 149 000 000	133
Umzinyathi & Harry Gwala District Offices	Community Service Offices Plan	COGTA	R49 000 000	43
Ekhombe Hospital	New Staff accommodation and renovation and upgrades to existing	DOH	R71 000 000	65
Mosvold Hospital	Construction of 40 Units Block of Staff Accommodation and Pediatric Unit	DOH	R200 000 000	150
Nkonjeni Hospital	Build a new Neonatal facility & renovate existing	DOH	R89 000 000	80
Catherine Booth Hospital	Phase 1 & 2 Refurbish existing wards, PEADS, Male / Female, New Pharmacy	DOH	R75 000 000	77
Osindisweni Hospital	New Decentralized MDR Unit	DOH	R140 000 000	129
Grey's Hospital	Upgrade and renovation to Nurse's and Doctor's accommodation	DOH	R 50 000 000	55



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**INFRASTRUCTURE PROJECTS IN PIPELINE**

# PROVINCIAL GOVERNMENT & LEGISLATIVE PRECINCT



- Implementing Agent: DPW
- Location: Pietermaritzburg
- Investment Value: **R7.3b**
- Job Opportunities: 13 140
- Development Status: Planning
- Funding:
  - Application to ISA via BFI facility unsuccessful further engagement with ISA required
  - Application to AFRIEXIM Bank in progress

ITEM	PROGRESS / TARGET
Convert Master Plan to functional concept to facilitate implementation using DPW resources:	<ul style="list-style-type: none"> <li>- Draft Legislature Concept Complete (Concept presented to STACOV in Feb 2022 and was well received)</li> <li>- Archive Concept Commenced: Concept presented to DSAC and legislature in August 2022 and was well received.</li> <li>- All Offices target for completion Dec 2022</li> </ul>
Develop Financial Model to support engagement with funders	<ul style="list-style-type: none"> <li>- Development of models has commenced</li> <li>- Draft model to be presented in Dec 2022</li> </ul>
Statutory Compliance	<ul style="list-style-type: none"> <li>- Statutory compliance has commenced</li> <li>- Anticipated completion March 2023</li> </ul>
Enabling Works	<ul style="list-style-type: none"> <li>- Commence Documentation: Sept 2022</li> <li>- Target phased Constr. start of June 2023 – duration approx. 18 months</li> </ul>



## CONSTRUCTION OF KZN PROVINCIAL PUBLIC SERVICE TRAINING ACADEMY

<b>Location</b>	Durban
<b>Project Value</b>	Est. R500m
<b>Project Descriptions</b>	<ul style="list-style-type: none"> <li>• KwaZulu-Natal Provincial Public Service Training Academy (KZN PPSTA)</li> <li>• Training and development of the 182 000 public servants that are employed in the fourteen (14) provincial departments in the Province. The proposed new Training Academy Building will consist of:             <ul style="list-style-type: none"> <li>• A Training Facility, 11 lecture rooms (accommodating 300+ trainees); Break-away Rooms for smaller training groups; An Auditorium (105 people); 4 Training/ Meeting Boardrooms (accommodating 100+ users); A Library and two Computer Training Rooms seating a 100+ users.</li> <li>• Accommodation Facility consisting of 76 bedrooms with all the support functions.</li> <li>• Function Hall with seating for more than 500 people to cater for major conference type of events. Parking and facilitation of public transport.</li> </ul> </li> </ul>
<b>Project Status and documentation available</b>	The design, technical and specification documents was successfully completed and all the relevant Statutory and Regulatory approvals were obtained. Seeking funding for implementation.
<b>Existing partners and commitments</b>	KwaZulu-Natal Office of the Premier Department of Public Works
<b>Job creation</b>	10000 (construction) 1000 (permanent)



## INKULULEKO DEVELOPMENT PHASE 2: CWAKA – UMSINGA

**Implementing Agent:** Department of Public Works

**Project Development Stage:** Planning Stage

**Project Budget:** R 513 Million

Committed Facilities:

DEPARTMENTS	FACILITY	COMMENT
Department of Health	Cwaka Clinic	Design
Department of Education	<ul style="list-style-type: none"> <li>Bhekabantu Model School</li> <li>Early Childhood</li> </ul>	Planning
Department of Human Settlements	Construction of Housing Units	Planning
Department of Transport	Area Office	Planning
Department of Sports, Arts and Culture	Cwaka Library	Planning
Department of Social Development	<ul style="list-style-type: none"> <li>Youth Development Centre</li> <li>Elderly Day Care</li> </ul>	Planning

❑ There were delays in finalizing the land issue with Ingonyama Trust, KZN Public Works working together with the Office of the Premier intervened and resolved the issue of land.

❑ Currently the Departments are facilitating the multiple Lease Agreement for the above projects, which is coordinated by Department of Public Works – the targeted date is 30<sup>th</sup> November 2022.

# TELE COMMUNICATION AND DIGITAL ECONOMY

KZN Broadband Connectivity	
Provincial Location	All Districts
Company Name and Background	KZNEDTEA, KZN broadband connectivity is a project earmarked to provide internet access to all citizens and government facilities.
Economic Sector	Information, Communication and Technologies "ICT"
Description of the project and product	This is a project to enable KZN to be a smart connected Province with broadband infrastructure that enables 4IR technologies, bridge the digital divide, create the Digital and Knowledge economy of the future. All ICT technologies will be utilised, fibre, satellite, microwave and Tv whitespace.
Investment Value ZAR	R2.482b,
Source of funding	Centralization of Government ICT budgets
	Infrastructure South Africa
	Foreign Direct Investment
Funding Gap	R2.482b,
Incentive available	N/A
No. of jobs	10 000 direct and indirect jobs



# TELE COMMUNICATION AND DIGITAL ECONOMY

Program/Project	Update/Comment
KZN Broadband phase 1	Progress will be fast-tracked only when funding by the province is allocated. District and sites allocations have been identified.
SA Connect Phase 2	Nat.Treasury has eventually approved the deviation to appoint BBI and Sentech for the implementation of the Household and Community connectivity component of the SA Connect Phase 2. Approval is inline with KZN Broadband delivery model. DCDT to visit the province to discuss sites for consideration.
USAASA Connectivity	Discussions are underway with USAASA to improve connectivity in Umkhanyakude District. Funding is available for this project and a meeting will be scheduled to discuss and finalise.
EDTEA WIFI sites	All 15 identified POC sites are up and running. Some were affected by the floods, but services have been restored.
Premiers ICT Indaba	Event was postponed due to floods, new date will be determined
<ul style="list-style-type: none"> <li>Panel of Service Providers to provide technical engineering services has been appointed by EDTEA to assist in site designs and technology deployment</li> </ul>	

# TELE COMMUNICATION AND DIGITAL ECONOMY

## KZN Broadband WIFI Connectivity Sites Breakdown

Various technologies will be used including Fibre in affluent areas, Fixed LTE in urban areas and Satellite services in deep rural and mountainous areas.

### SDIC (BBI & Sentech) SA Connect Phase 2

Item	Scope of works	Project Allocation
1	Base Stations	189
2	VSAT	789
3	Fibre Lease (Km)	227
4	Fibre Build (Km)	100
5	Points of Presence (POPs)	5
6	WIFI hotspots - SA Connect	3000

### KZN Broadband Phase 1

No.	District Municipality	Residential	Public hotspots
1	eThekweni Metro	70	75
2	uMgungundlovu	50	65
3	Harry Gwala	40	50
4	uGu	50	75
5	iLembe	50	60
6	Zululand	40	75
7	uMkhanyakude	30	50
8	Amajuba	50	50
9	uMzinyathi	40	50
10	uMhlathuze	50	50
11	uThukela	30	50
		<b>500</b>	<b>650</b>

### Telcos

WIFI hotspots - Telco Social Obligation (using 4G spectrum and Digital Dividend Spectrum.	
Tribal centres	3699
Schools	4494
Health Facilities	677
	<b>8870</b>

**NB:** Overleaf : Planned roll outs for Y1. The province is to submit a list of communities where Wifi hotspots are to be installed. Need to deploy 57 Base Station infrastructure and 237 vsats in mountainous areas in Y1 that would cover 389 093 households



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## KZN WATER AND AGRI-HUBS INFRASTRUCTURE PROJECTS

# WATER CATALYTIC PROJECTS

## DWS Mega Strategic Interventions - “SHOW STOPPERS”

Project name	Stage	Budget
Mkhomazi Water Project-	Planning complete 2025	R20b
Stephen Dlamini Dam	Umgeni to implement 2023	R1b
Lower Mkhomazi	Umgeni to Implement 2023	R3b
Cwabeni Dam	Design Stage- 2023	R1b
Raising of Hazelmere Dam Wall	2019	R600m
Goedetrouw/Tugela Emergency	Transfer- 2019	R647m

# WATER CATALYTIC PROJECTS

## RBIG Funded bulk water supply projects

PROJECT NAME	NAME OF WSA	2021/2022 (R)	2022/2023 (R)	2023/2024 (R)	TOTAL (R)
Greater Bulwer BWS	Harry Gwala DM	0	20,000,000	20,000,000	40,000,000
Greater Mthonjaneni BWS Ph 2	King Cetshwayo DM	0	70,000,000	70,000,000	140,000,000
Middledrift BWS		10,000,000	60,000,000	90,000,000	150,000,000
Driefontein-Indaka BWS	uThukela DM	6,090,000	0	0	6,090,000
Mandlakazi BWS Phase 5	Zululand DM	110,000,000	140,000,000	215,312,000	465,312,000
Nongoma BWS		112,531,000	0	0	112,531,000
Maphumulo BWS	iLembe DM	550,858,000	545,673,000	569,723,000	
uMshwathi BWS	uMgungundlovu DM				
Greater Mpofana BWS Ph 1-3	uMgungundlovu DM				
Greytown BWS Phase 2	Umzinyathi				
Jozini BWS					

# WATER CATALYTIC PROJECTS

## WSIG Funded projects

Name of WSA	2021/2022 Allocation (R)	Transferred to WSA (R)	Expenditure by WSA as at 31 July 2021 (R)	% Spent on allocation	Projected % expenditure on allocation
Ugu DM	72,350,000	10,000,000	0	0%	6%
Msunduzi LM	40,000,000	10,000,000	0	0%	6%
uMgungundlovu DM	85,000,000	30,000,000	8,658,978	10%	10%
uThukela DM	80,000,000	25,000,000	10,107,760	13%	14%
uMzinyathi DM	89,000,000	20,000,000	6,463,944	7%	9%
Newcastle LM	40,000,000	5,000,000	2,690,856	7%	10%
Amajuba DM	60,000,000	10,000,000	0	0%	0%
Zululand DM	110,000,000	35,000,000	6,129,063	6%	6%
uMkhanyakude DM	75,000,000	0	Report not received	0%	Cash flows not received
uMhlathuze LM	30,000,000	15,000,000	0	0%	8%
King Cetshwayo DM	70,000,000	15,000,000	0	0%	2%
iLembe DM	55,000,000	15,000,000	0	0%	2%
Harry Gwala DM	90,700,000	35,000,000	4,247,313	5%	10%
<b>TOTAL</b>	<b>897,050,000</b>	<b>225,000,000</b>	<b>38,297,914</b>	<b>4%</b>	<b>6%</b>

# AGRI-HUBS

- The Agri-Hubs' value chains are summarized below:

## **1. The Red Meat Hub consisting of the following:**

- a. Cattle Abattoir for 350 cattle per day and Deboning Facility
- b. Sheep & Goat Abattoir and Deboning Facility for 750 Sheep/Goat per Day
- c. Pig Abattoir, Deboning and Processing Facility – 500 Pigs per Day
- d. Offal facility
- e. Distribution Centre
- f. Administrative Office

## **2. The Grain Handling consist of the ff:**

- a. Yellow Maize Silos – 25 000 tons capacity
- b. White Maize Silos – 15 000 tons capacity
- c. Maize Dryer
- d. Soybean Silos - 10 000 tons – capacity
- e. Dry beans silos Facility – 3000 ton facility
- f. Dry bean packaging Facility
- g. Administrative office

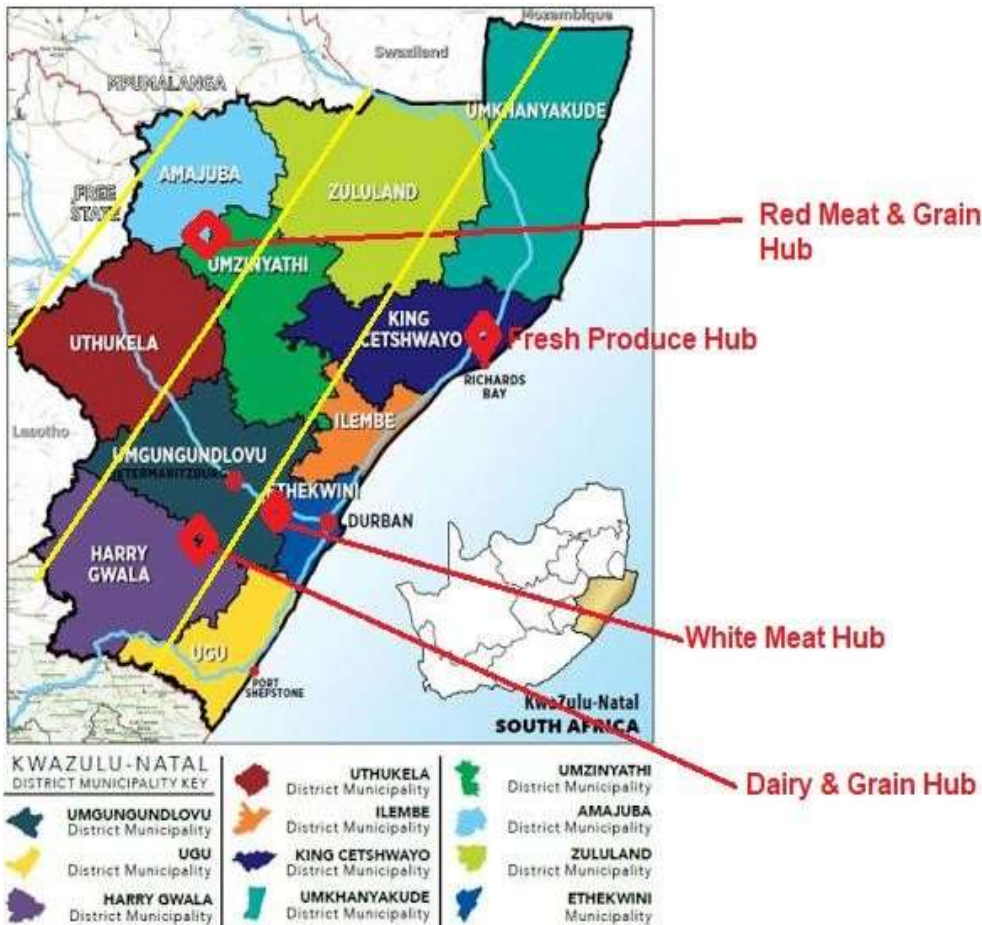
## **3. The Fresh Produce Hub consisting of the following:**

- a. Bulk Vegetable Handling & Distribution Facility – 400 tons daily
- b. Vegetable Processing & Distribution Facility – 15 tons daily
- c. Banana Handling & Ripening Facility
- d. Administrative Office

## **3. The Dairy Hub consisting of the following:**

- a. Raw milk tanks
- b. Long-Life UHT Facility – 100 000L/day
- c. Distribution Centre for Long-life UHT Milk
- d. Amaas Factory - 100 000L/day
- e. Drinking Yoghurt Factory – 10 000L/day
- f. Administrative office

# AGRI-HUBS

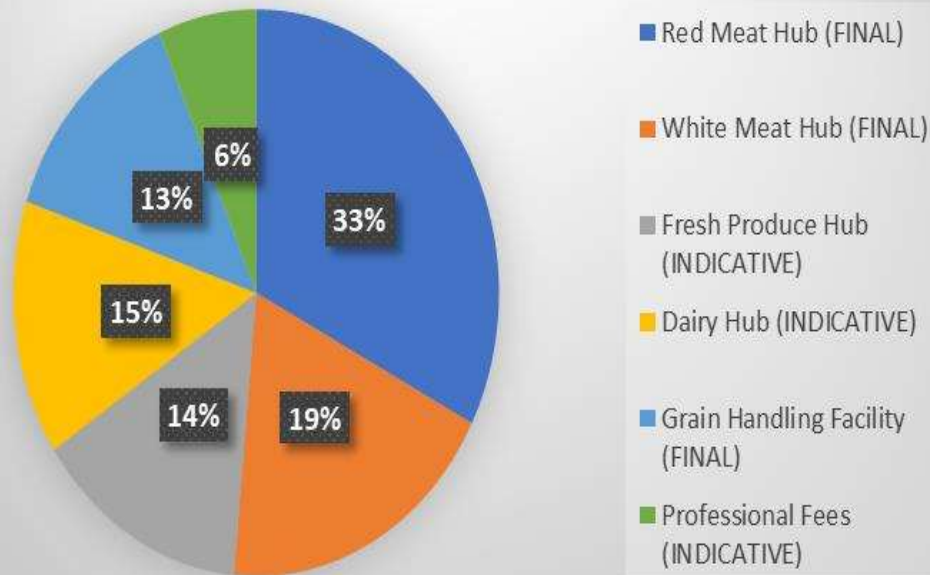


1. Production in coastal districts include, vegetables, banana, pineapples, macadamia nuts, broilers.
2. Production in the inland districts include dairy, egg production, broilers, goats & sheep.
3. Major production in the western parts of KZN include, maize, cattle beans, sheep, goats soybeans.
4. Piggery is found all over the province



# AGRI-HUBS: FINANCIAL REQUIREMENTS

## TOTAL CAPITAL EXPENDITURE



Red Meat Hub (FINAL)	R630 163 352
White Meat Hub (FINAL)	R364 672 743
Fresh Produce Hub (INDICATIVE)	R274 456 789
Dairy Hub (INDICATIVE)	R281 333 657
Grain Handling Facility (FINAL)	R255 320 546
Professional Fees (INDICATIVE)	R126 568 360
	<b>R1 932 515 447</b>



# CATALYTIC PROJECTS LIST SAMPLES: SOE

(SHORT, MEDIUM AND LONG TERM )



## NTINGWE TEA ESTATE

Existing partners and commitments	KZN-DARD and Ithala Finance and Development Corporation (IDFC) Agribusiness Development Agency (ADA) provide strategic management and leadership
Description of the project and product	Located in Nkandla Ntingwe Tea Estate comprises of 395 hectares of planted tea bushes, tea processing factory has capacity to produce both black and green tea
Progress	<ul style="list-style-type: none"><li>• Tea maintenance is currently underway at Ntingwe with harvesting and processing having started in September 2022 to early months of 2023.</li><li>• Fertilizer application program is nearing completion, with a total of 210 Hectares having been completed to date.</li><li>• Critical equipment and water supply services have been restored to the tea estate to enable both primary and processing activities to continue unhindered.</li><li>• 120 seasonal workers employed since August 2022 for fertilizer application, and general tea maintenance activities on preparation for harvest and processing</li><li>• Filling of critical vacant posts in the workshop is underway for Workshop Mechanic</li></ul>
Job Opportunities	160



# NTINGWE TEA ESTATE

Phase-Turn-Around Plan	Required Budget	Budget Allocated	Sales Revenue	Period
<b>Immediate &amp; Short Term</b> <ul style="list-style-type: none"> <li>Resuscitation of estate activities</li> <li>Refurbishment &amp; upgrading of estate infrastructure (fields, machinery, &amp; buildings)</li> <li>Improved marketing plan &amp; re-branding</li> </ul>	R60 000 000	R47 025 000	R10 015 934	2019/20 To 2022/23
<b>Medium Term</b> <ul style="list-style-type: none"> <li>Market diversification (Access to international markets, retail, &amp; public sector)</li> <li>Attainment of Rainforest Alliance accreditation</li> <li>Addition of the tea packaging line &amp; new warehouse on site</li> </ul>	R36 605 500	R0	R24 475 000*	2023/24 to 2024/25
<b>Long term</b> <ul style="list-style-type: none"> <li>Expansion of tea fields &amp; improved processing capabilities (improvement of tea processing machinery &amp; in-filling of gaps)</li> <li>Crop diversification (introduction of high value crops to supplement tea)</li> <li>Implementation of the tea out-grower scheme (nursery establishment)</li> </ul>	R42 270 000	R0	R31 000 000*	2025/26 to 2026/27
<b>TOTAL</b>	<b>R138 875 500</b>	<b>R47 025 000</b>	<b>R65 490 934</b>	

## AUTOMOTIVE SUPPLIER PARK - APPROACH

### Phase 1 - DLH

- To provide 40 – 90 Ha of developable industrial land at the old Durban International Airport site for automotive manufacturing supply chain operations.
- To jointly work with **KZN EDTEA**, **eThekweni Municipality**, **Transnet** and **TSAM** to deliver the project.
- Specific Objectives - Phase 1: Pre Feasibility Study (**Underway - to be completed** end February 2022 with preliminary findings being presented end Jan 2022)

### Phase 2 - Illovo

- Illovo Development – 440 ha
- Phases 1A to 1D



## KEY OBJECTIVES – DURBAN LOGISTICS HUB



1. To provide 40 – 90 Ha of developable industrial land at the old Durban International Airport site for automotive manufacturing supply chain operations.
2. To jointly work with **KZN EDTEA**, **eThekwini Municipality**, **Transnet** and **TSAM** to deliver the project.
3. **MoU between Transnet and DTPC signed June 2021.**
4. **Service Provider appointed to prepare Pre-Feasibility Report.**
5. **A infrastructure needs analysis and conceptual designs are in progress by the appointed Engineering Consultants.**



## KEY OBJECTIVES – DURBAN LOGISTICS HUB



### Pre-Feasibility Activities:

1. Undertake a land audit to establish constraints and opportunities.
2. Assess current **capacity and configuration of bulk infrastructure**.
3. Propose a **Site Development Plan** based on findings of site assessment.
4. Identify required **environmental and rezoning requirements** to develop the site.
5. Finalise commercial and development proposal.
6. Submit a **costed implementation plan** for approval February 2022.

## KEY OBJECTIVES – ASP ILLOVO



Automotive Supplier Park – Durban Logistics Hub

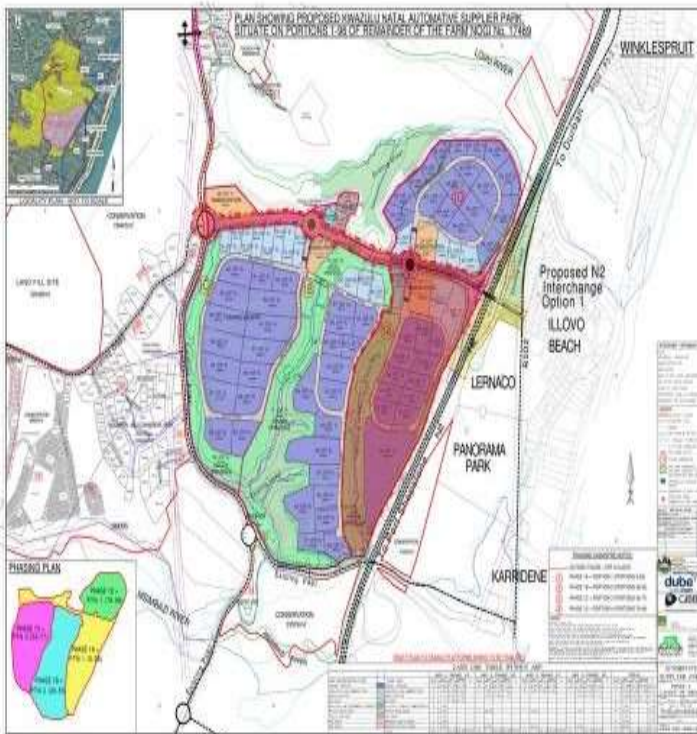
The ASP Illovo Feasibility project kicked off in 2018 with the main objectives to:

1. Support new investment in automotive industry;
2. Enhance localization, production and supplier capabilities;
3. Support Toyota SA Motors (only Original Equipment Manufacturers (OEM) in KZN);
4. Attract other OEMs and advance the OEMs growth trajectory;
5. Grow the automotive industry in eThekweni, KZN and RSA and unlock investment;
6. Provide sustainable jobs



## KEY DELIVERABLES – ASP ILLOVO

**AUTOMOTIVE SUPPLIER PARK Layout Plan**



1. The key deliverables of the project is to achieve **re-zoning** of the Township Establishment Area (TEA) which is 440 ha from Agricultural Land-use to **Industrial Land-uses** with associated land-rights required by end-user tenants for Toyota & other OEMs and establishing fully serviced platforms.
2. Key deliverables for re-zoning to be achieved include proof of environmental sustainability, technical feasibility, social acceptance, stakeholder consent and financial viability.
3. Key deliverables for construction implementation include business case / funding support for the Phase 1A platform ,bulk & internal services and road network upgrades and construction.

## PROGRESS UPDATE – ASP ILLOVO

- **MoU between Dube Trade Port Corporation, Toyota Tsusho Africa and Toyota South Africa Motors and eThekwini has been signed;**
- Release from Act 70 of 70 Achieved;
- Letters of support for the bulk infrastructure received from EThekwini for water ,sanitation and electrical departments;;
- Letters of support for the project received from Department of Transport and eThekwini Transport Authority;
- **Additional Environmental Specialist studies are 100% complete;**
- **Feasibility Study project is 75% complete;**
- Professional fee funding secured for the implementation of Phase 1 A;
- Services level agreements with eThekwini at final update / approval stage;
- EIA could not be concluded, due to comments from Interested and Affected Parties (IAP) which required **additional specialist studies and Sanral’s N2 interchange challenges;**
- DTPC and the appointed professional team is currently revising the Project timelines and the impact of ASP-DLH on this project:

PROJECT DESCRIPTION	PROJECT ATTRIBUTES	CONSTRUCTION & ANTICIPATED OPERATIONALISATION																																					
<p><b><u>1. AUTOMOTIVE SUPPLIER PARK – ILLOVO</u></b></p> <p>Aimed at accommodating component suppliers and servicing multiple Original Equipment Manufacturers (OEMs) from a centralised location.</p>	<p>Location: ASP, Illovo</p> <p><b>Jobs per phase:</b></p> <table border="1" data-bbox="353 411 975 672"> <tr> <td></td> <td></td> </tr> <tr> <td>PHASE 1D</td> <td>Permanent:4600 Temporary/Construction:3500</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td>PHASE 1C</td> <td>Permanent: 3000 Temporary/Construction:5000</td> </tr> </table> <p>○ 274 000 operational jobs (Permanent and Indirect) over a 30 year period</p> <p><b>Value:</b></p> <ul style="list-style-type: none"> <li>○ Phase 1 A Bulk &amp; Internal- <b>R760mil</b></li> <li>○ Phase 1AA – N2 Interchange – <b>R560mil</b></li> <li>○ Phase 1AB – R102 Link – <b>R400mil</b></li> <li>○ Phase 1 D Bulk &amp; Internal- <b>R1Bn</b></li> <li>○ Phase 1 B Bulk &amp; Internal- <b>R610mil</b></li> <li>○ Phase 1 C Bulk &amp; Internal- <b>R680mil</b></li> </ul>			PHASE 1D	Permanent:4600 Temporary/Construction:3500			PHASE 1C	Permanent: 3000 Temporary/Construction:5000	<table border="1" data-bbox="1020 308 1930 491"> <thead> <tr> <th>Phase</th> <th>Start of Construction</th> <th>End of Construction</th> <th>Construction Period</th> <th>Sites Trading by</th> </tr> </thead> <tbody> <tr> <td>Phase 1A</td> <td>2024</td> <td>2026</td> <td>2 Years</td> <td>2026</td> </tr> <tr> <td>Phase 1D</td> <td>2026</td> <td>2029</td> <td>3 Years</td> <td>2029</td> </tr> <tr> <td>Phase 1B</td> <td>2030</td> <td>2035</td> <td>5 Years</td> <td>2035</td> </tr> <tr> <td>Phase 1C</td> <td>2036</td> <td>2041</td> <td>5 Years</td> <td>2041</td> </tr> </tbody> </table>					Phase	Start of Construction	End of Construction	Construction Period	Sites Trading by	Phase 1A	2024	2026	2 Years	2026	Phase 1D	2026	2029	3 Years	2029	Phase 1B	2030	2035	5 Years	2035	Phase 1C	2036	2041	5 Years	2041
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PROJECT DESCRIPTION	PROJECT ATTRIBUTES	CONSTRUCTION & ANTICIPATED OPERATIONALISATION	
<p><b>Project Milestones Achieved:</b></p> <ul style="list-style-type: none"> <li>○ Land acquired</li> <li>○ Designs complete</li> <li>○ EIA and planning applications underway</li> <li>○ Interchange design and location approved in principle with SANRAL</li> <li>○ MoU signed with EDTEA and eThekwini</li> </ul>	<p><b>Next Project Milestones:</b></p> <ul style="list-style-type: none"> <li>○ EIA approval</li> <li>○ SPLUMA approval</li> <li>○ Bulk infrastructure provisioning</li> <li>○ Investor commitments from Tier 1 and Tier 2 companies</li> </ul>	<p><b>Challenges:</b></p> <ul style="list-style-type: none"> <li>○ Funding for interchange</li> <li>○ Finalise SPLUMA approval</li> <li>○ Localisation</li> </ul>	<p><b>Mitigation:</b></p> <ul style="list-style-type: none"> <li>○ SLA to be signed with eThekwini – March 2020</li> <li>○ Joint funding approach eThekwini, DTPC, SANRAL</li> <li>○ Localisation framework</li> </ul>
<p><b>2. Automotive Supplier Park- Phase 1A (Durban Logistics Hub)</b></p> <p>Aimed at accommodating component suppliers and servicing multiple Original Equipment Manufacturers (OEMs) from a centralised location.</p>	<p><b>Location:</b> Old Durban International Airport</p> <ul style="list-style-type: none"> <li>○ <b>Jobs:</b> TBC</li> <li>○ <b>Value:</b> R150-R170 million (subject to final Pre Feasibility outcomes)</li> </ul>	<p>TBC - subject to final Pre feasibility Assessment outcomes – Jan 2022</p>	<p>Target: Q3 2023</p> <p>Detailed delivery programme subject to final pre feasibility assessment</p>
<p><b>Project Milestone Achieved:</b></p> <ul style="list-style-type: none"> <li>○ Memorandum of Understanding (MoU) signed with Transnet.</li> <li>○ Pre Feasibility Assessment commenced.</li> </ul>	<p><b>Next Project Milestones:</b></p> <ul style="list-style-type: none"> <li>○ Finalisation of Pre Feasibility assessment</li> <li>○ Sign off of final agreement between DTPC and Transnet.</li> </ul>	<p><b>Challenges:</b></p> <ul style="list-style-type: none"> <li>○ Environmental sensitive areas onsite which may require environmental authorisations.</li> <li>○ Existing land uses which may delay commencement of proposed development i.e. subsistence farmers</li> </ul>	<p><b>Mitigation:</b></p> <ul style="list-style-type: none"> <li>○ Phased out approach of the overall developable area of the development.</li> </ul>

## CHALLENGES – ASP ILLOVO

CHALLENGES	SUPPORT
EIA approvals and the Spluma: timelines.	<b>DTPC requires support to implement offset interventions prior to occurrence of negative impacts on the catchment per phase</b> vs a more stringent upfront interventions for the entire development approach as proposed by EPCPD.
	DTPC requires support for approvals to be accelerated for Environmental authorisations by DEA and Spluma approval by EThekweni Municipality.
Project Funding application.	Support for funding application to Large Infrastructure Funding by National Treasury.
eThekweni and Provincial Transport infrastructure investment initiatives to be finalised	eThekweni and Transport authorities to commit funding and expedite bulk infrastructure provision (including roads upgrades).
Community related issues including Land claims and local community participation	EDTEA has been engaging the local Traditional Councils and the matter is ongoing but needs resolution.
Sanral N2 Interchange	Support for Sanral to prioritise the construction of N2 interchange.

## INDUSTRIAL DEVELOPMENT

Intervention:		Dube TradePort Special Economic Zone						
Projects	Description	Activities	District/ Spatial location	Budget	Outcomes (Jobs)	Implementi ng Agent	Stakeholders/P artnerships	Milestones/ Operationalisation
<b>Short Term</b>	<b>TradeZone 1</b> - 26 hectare manufacturing and specialist logistics zone	<ul style="list-style-type: none"> <li>▪ 8 SMME's operational and accommodated in Mini-factories and TradeHouse. Ongoing marketing of available facilities.</li> </ul>	eThekweni Municipality	R682 million (2010 – 2021)	Total jobs to date: 3 832	Dube TradePort	NA	<b>2010-2021</b> Fully Operational. R2 billion private sector investment secured to date. 38 Operational companies.
		Final site under construction ERF 650 - 9 000 sqm manufacturing facility leased to Future life for R57 million food processing investment.		R139 million	Jobs: Construction: 220 Operations: 34			<b>ERF650:</b> Construction: Nov 2021 – April 2023 Operational set-up: Dec 2022 – April 2023. Operational: May 2023
	<b>TradeZone 2</b> - 40 hectare manufacturing and specialist logistics	<ul style="list-style-type: none"> <li>▪ Projects finalised: Synergy Blenders R108 million - Construction start August 2022; LM Diapers R55 million - Construction start August 2022</li> <li>▪ Project Pipeline: Cipla Pharmaceuticals R2.5 billion, Smartway Electronics R56 million, Cold Storage Management R550 million, Rolfo SA R150 million, HR Matters R14 million, Monustep / Safran R95 million</li> </ul>	eThekweni Municipality	Bulk earthworks and bulk infrastructure: R571 million (Project complete)	<b>Target jobs:</b> 2022/2023 Permanent 600 Construction 1 225  Total target jobs: 2021-2025 Permanent: 3 020 Construction: 5 625	Dube TradePort	NA	<b>TradeZone 2:</b> Construction complete. Operational – July 2022  <b>Investors:</b> Synergy Blenders: Construction – August 2022 Operational – May 2023 LM Diapers: Construction July 2022 Operations: Dec 2022

## Stimulate Economic Growth

		Intervention: <b>Dube TradePort Special Economic Zone</b>						
Projects	Description	Activities	District/Spatial location	Budget	Outcomes (Jobs)	Implementing Agent	Stakeholders/Partnerships	Milestones/Operationalisation
Short Term	<b>AgriZone 1 -</b>	4 x Operational companies; Production and packing. (Rescue)	eThekweni Municipality	<b>2010 - 2020</b> Bulk earthworks and bulk infrastructure construction: R480 million	<b>Total jobs to date:</b> Permanent: 350	Dube TradePort	NA	<b>2010 – 2022:</b> Fully operational 64 hectare zone
		1 x Final site <b>Block B</b> to be developed		<b>Block B</b> – Call for Proposals Process (CFP) – Project financed by investor	<b>Jobs:</b> TBC on final approved proposal			<b>Block B:</b> CFP closed and to be concluded – July 2022 Lease finalisation and site handover- Oct 2022 Construction: Nov 2022 – Dec 2023 Operational: Jan 2024





## Stimulate Economic Growth

Intervention: **Dube TradePort Special Economic Zone**

Projects	Description	Activities	District/Spatial location	Budget	Outcomes (Jobs)	Implementing Agent	Stakeholders /Partnerships	Milestones/Operationalisation
Medium Term	<b>AgriZone 2</b> - 91 hectare zone to accommodate high intensity agricultural production	Investment focus will be on medium technology horticulture, aquaculture, processing and renewable energy on 15 to 20 year leases.	eThekweni Municipality	Bulk earthworks and bulk infrastructure Construction: R226 million	Target Jobs: Construction: 230 Permanent: TBC	Dube TradePort	NA	In construction (25% complete). Operational - December 2023
	<b>Dube City</b> - 12 hectare - Mixed use commercial zone to support office and hospitality investments supporting 120 000 sqm of bulk	<b>Block D</b> - Dube TradePort developed 13 600m <sup>2</sup> commercial development incorporating Innovation Hub	eThekweni Municipality	R239 million	<b>Block D:</b> Target Jobs: Permanent: 544 Construction: 250	Dube TradePort	NA	<b>Dube City and 29 Degrees South-</b> Fully operational.  <b>Block D:</b> Construction: October 2022 – Feb 2024 Operational: March 2024

## STIMULATE ECONOMIC GROWTH

		Intervention: <b>Dube TradePort Special Economic Zone</b>						
Projects	Description	Activities	District/Spatial location	Budget	Outcomes (Jobs)	Implementing Agent	Stakeholders / Partnerships	Milestones/Operationalisation
Long Term	<b>TradeZone 3</b> - 56.4 hectares - Mixed use and light industrial development	TradeZone 3 is in project design and preparation phase.  EIA – Approved  SPLUMA – Underway to be finalised Sep 2022  Project will move into implementation following SPLUMA approval.	eThekweni Municipality	Bulk earthworks and bulk infrastructure  Construction: R112 million	Target Jobs: Construction: 440 Permanent: TBC	Dube TradePort	NA	Detailed design and procurement: July 2022 – June 2023  Construction: July 2023 – May 2025  Operational: June 2025

## Stimulate Economic Growth



## Stimulate Economic Growth

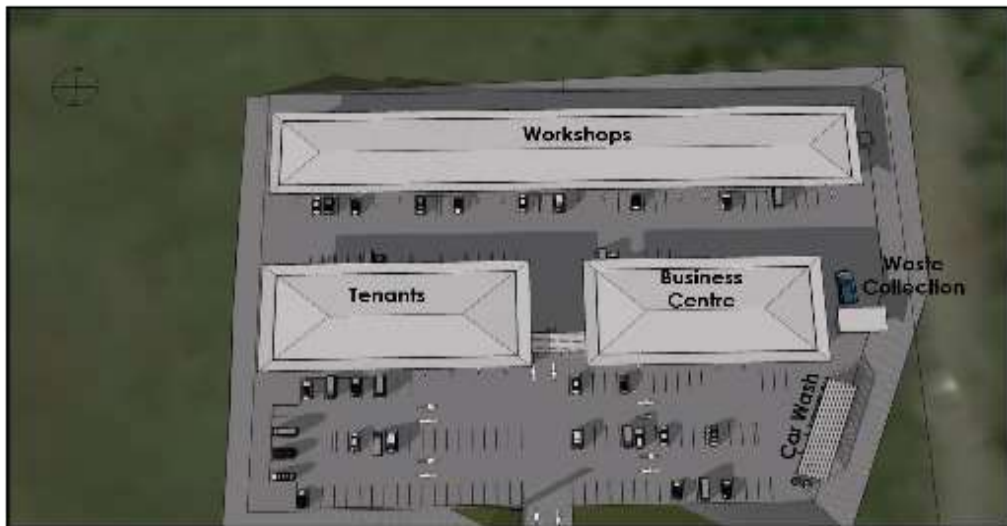
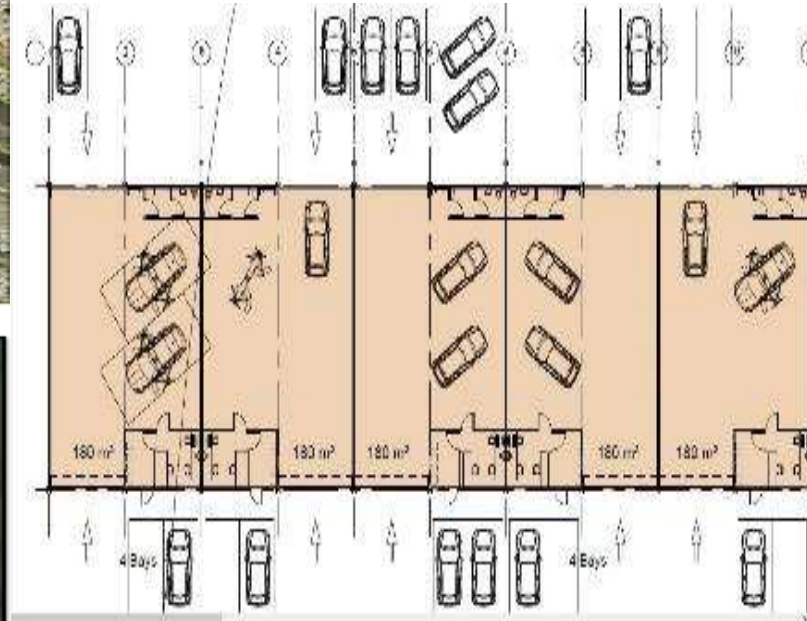
Intervention: <b>Auto Supplier Park (ASP)</b>								
Projects	Description	Activities	District/Spatial location	Budget	Outcomes (Jobs)	Implementing Agent	Stakeholders/Partnerships	Milestones/Operationalisation
Medium Term	<b>Automotive Supplier Park - Phase 1</b> (Durban Logistics Hub) 90 hectares - Manufacturing, light industrial, and logistics park to accommodate Automotive Tier 1 and Tier 2 suppliers R2.5 billion private sector investment targeted.	<p>Feasibility Assessment, detailed design and final commercial agreement to be concluded by Dec 2022</p> <p>Procurement and appointment of contractor Jan 2023 – June 2023</p>	eThekweni Municipality	R170 million Funding budgeted in DTPC MTEF	Target Jobs: Construction: 170 Permanent: TBC	Dube TradePort	Transnet	<p><b>July 2022 – June 2023</b> Detailed design, commercial closure, EIA, SPLUMA, Construction procurement:</p> <p><b>July 2023 – July 2024 -</b> Construction Site handovers to investors: Dec 2023 – July 2024 Operational: <b>July 2024</b></p>
Long Term	<b>Automotive Supplier Park - Phase 2</b> (Illovo) - Industrial, manufacturing and logistics development. 300 hectares in 4 Phases in the south of Durban.	<p><b>Key Steps to achieve construction start in 2024:</b></p> <ol style="list-style-type: none"> <li>EIA Approval – Sep 2022- Jan 2023</li> <li>SPLUMA Approval – March 2023</li> <li>Project marketing, securing of investors, and conclusion of commercial leases (FDI, domestic investment, major industrial projects, Medium and small enterprises) - Ongoing</li> <li>Finalisation of project funding model to address bulk infrastructure shortfall of R1.7 billion to establish Phase 1 of the project. – March 2023</li> <li>Detailed design, procurement and construction commencement. – April 2023 – Feb 2024</li> <li>Construction of Phase 1 – March 2024 – Jan 2026</li> </ol>	eThekweni Municipality	<p><b>Phase 1 –</b> N2 Interchange R760 million Internal and external bulks R560 million R102 Link Roads R400 million</p> <p><b>Phase 2:</b> R1bn</p> <p><b>Phase 3:</b> R610 million</p> <p><b>Phase 4:</b> R680 million</p>	Target Jobs: <b>Phase 1 –</b> Construction 3500 Permanent 2000 <b>Phase 2 –</b> Construction 3 500 Permanent 4 600. <b>Phase 3 –</b> Construction 3 300; Permanent 2 000 <b>Phase 4 –</b> Construction 5 000; Permanent 3 000	Dube TradePort	TBC	<p><b>2016 – 2022:</b> Land acquired, Feasibility completed. EIA, WULA and SPLUMA applications underway. Interchange design and location confirmed.</p> <p><b>Construction and operations</b> <b>Phase 1 -</b> Construction 2024 Operational 2026 <b>Phase 2 -</b>Construction 2026 Operational 2029 <b>Phase 3 -</b>Construction 2030 Operational 2035 <b>Phase 4 -</b>Construction 2036 Operational 2041</p>

## Stimulate Economic Growth

### Intervention: **AUTO SERVICE HUBS (GOVERNMENT GARAGES) – Edendale Auto-Service Hub**

Projects	Description	Activities	District/ Spatial location	Budget	Outcomes (Jobs)	Implementing Agent	Stakeholders/ Partnerships	Milestones/Operationalisation
<b>Short Term</b>	Program designed to assist township & rural auto service providers through creating a platform/infrastructure to obtain skills, share resources, including tools and equipment (spray booth, chassis, hoist) & get the necessary accreditations required to do all types of auto services. Pilot areas identified were Edendale; uMhlathuze & Madadeni/New castle Location: Rem of Erf 856 Pietermaritzburg (Skhumbuzo Ngwenya Road and Driftside Road	<ol style="list-style-type: none"> <li>1. Feasibility Study; Business &amp; Master plan developed.</li> <li>2. Complete site assessment &amp; confirmation</li> <li>3. Appoint implementing agent (IDFC)</li> <li>4. Negotiate &amp; conclude fees &amp; rates with the municipality.</li> <li>5. Conclude a lease agreement between the LM &amp; IDFC</li> <li>6. Conclude Funding Agreement between EDTEA &amp; IDFC.</li> <li>7. Identification of accredited training institution &amp; recruitment of beneficiaries.</li> </ol>	uMgungundlovu, Msunduzi	<p><b>R35M</b> (Construction &amp; Professional fees)</p> <p>R10 million Budgeted in the 2022/23 financial year</p>		IDFC	EDTEA, PT; IDFC; DOT; Public Works; uMsunduzi LM; SATA	<p><b>Project Conceptualization; Feasibility Study and business plans complete</b></p> <ul style="list-style-type: none"> <li>MoU between EDTEA &amp; IDFC signed.</li> <li>Funds (tranches) transferred from EDTEA to the IDFC.</li> <li>Site secured from the Municipality &amp; Lease: Agreement between the Municipality &amp; IDFC signed</li> <li>Accredited Training Institution identified.</li> <li>Training funds confirmed &amp; received from the Services SETA.</li> <li>Database of accredited technicians/mechanics obtained from South African Technicians Association (SATA).</li> <li>Draft Pilot Program to utilize technicians from township &amp; rural areas within the transversal (Wesbank) contract developed by EDTEA &amp; DOT.</li> <li><b>Appointment of a Multi-Disciplinary Team in the Built Environment:</b> (Consultant: 2MC Consulting Engineers) completed by January 2022</li> <li>Multi-disciplinary (Civil; Structural; Mechanical; Electrical Engineers; Quantity Surveyor; Architect) appointed by the IDFC.</li> </ul>

**Stimulate Economic Growth**





**KWAZULU-NATAL**  
PROVINCIAL GOVERNMENT  
REPUBLIC OF SOUTH AFRICA

GROWING KWAZULU-NATAL TOGETHER

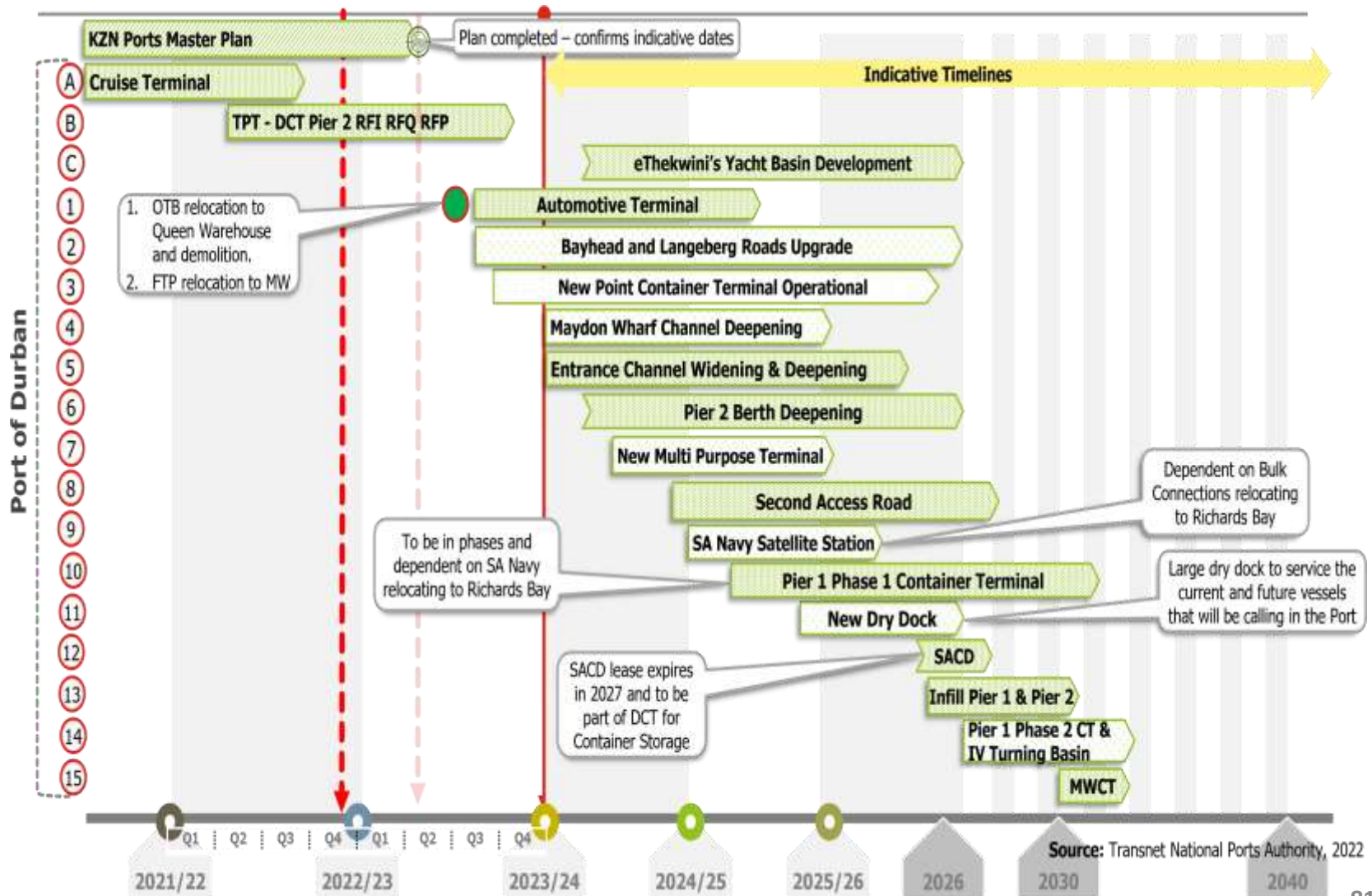
# PORTS

# PORT OF DURBAN MASTER PLAN

<p>Master Plan and Description of the project</p>	<ul style="list-style-type: none"> <li>The Port of Durban is to be positioned as a Container Hub and a premier Automotive Terminal.</li> <li><b>Initiatives Overview:</b> <ul style="list-style-type: none"> <li>A. New Cruise Terminal,</li> <li>B. TPT – DCT Pier 2 PSP and</li> <li>C. eThekwin’s Yacht Basin Development – which entails</li> </ul> </li> </ul>																					
<p>Investment</p>	<p>R131 billion</p>																					
<p><b>Progress:</b> KZNLH Request for Information (RFI's)</p> <table border="1" data-bbox="73 849 678 1053"> <thead> <tr> <th></th> <th>Bayhead MultiPurpose Terminal (DBN)</th> <th>Ship Repair Facilities in Bayhead (DBN)</th> </tr> </thead> <tbody> <tr> <td>Advertising</td> <td>23-Sep-22</td> <td>23-Sep-22</td> </tr> <tr> <td>Closing date</td> <td>23-Nov-22</td> <td>23-Nov-22</td> </tr> <tr> <td>Advertise RFP</td> <td>Apr-23</td> <td>Apr-23</td> </tr> <tr> <td>Close RFP</td> <td>Jul-23</td> <td>Jul-23</td> </tr> </tbody> </table> <table border="1" data-bbox="73 1068 678 1306"> <thead> <tr> <th>KZNLH Request for Proposal (RPI's)</th> <th>LPG Lot 100 Terminal (DBN)</th> </tr> </thead> <tbody> <tr> <td>Advertising</td> <td>Nov-22</td> </tr> <tr> <td>Closing date</td> <td>Mar-23</td> </tr> </tbody> </table>		Bayhead MultiPurpose Terminal (DBN)	Ship Repair Facilities in Bayhead (DBN)	Advertising	23-Sep-22	23-Sep-22	Closing date	23-Nov-22	23-Nov-22	Advertise RFP	Apr-23	Apr-23	Close RFP	Jul-23	Jul-23	KZNLH Request for Proposal (RPI's)	LPG Lot 100 Terminal (DBN)	Advertising	Nov-22	Closing date	Mar-23	<ul style="list-style-type: none"> <li>Feasibility study Business Case approved by TNPA CAPIC</li> <li>DBSA funding application at advanced stage</li> <li>Finalising documentation to commence with procurement process</li> <li>High level feasibility scope: <ul style="list-style-type: none"> <li>✓Detailed design</li> <li>✓Construction Drawings</li> <li>✓Works Information</li> <li>✓Procurement Plan</li> <li>✓Environmental Approval including relevant permits and licences</li> <li>✓Project Execution Plan</li> <li>✓Operational Readiness Plan</li> </ul> </li> <li>Feasibility phase is forecasted to be concluded by March 2024</li> </ul>
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<p>Job Opportunities</p>	<p>490 787</p>																					



# PORT OF DURBAN MASTER PLAN – ROADMAP

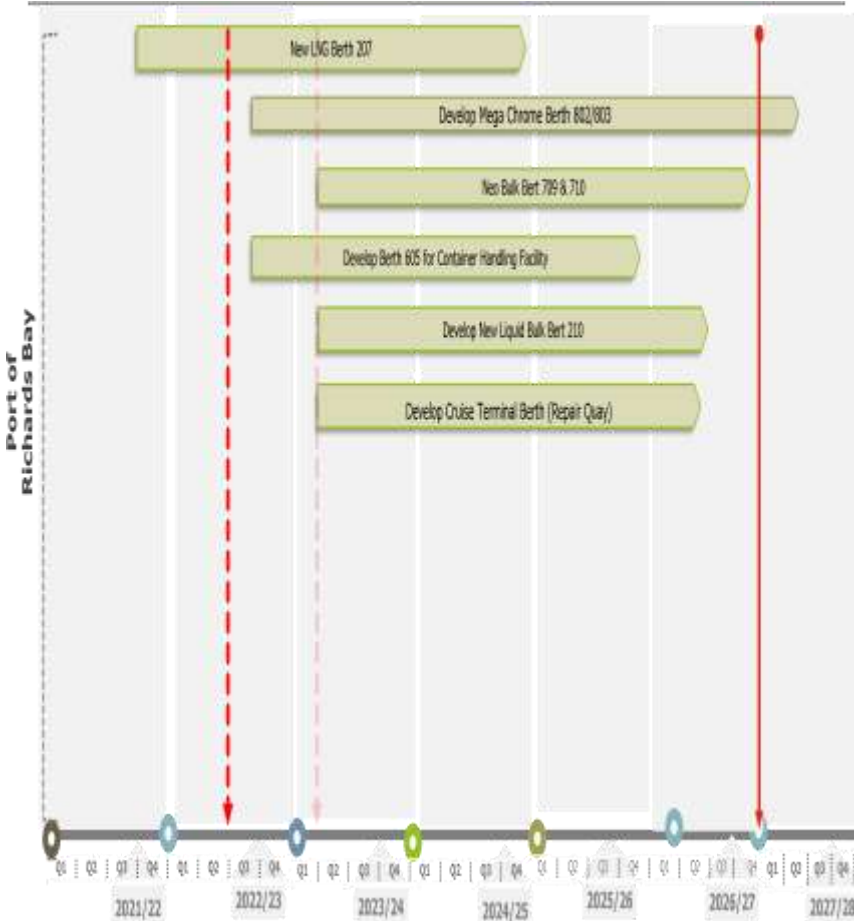


# PORT OF RICHARDS BAY MASTER PLAN

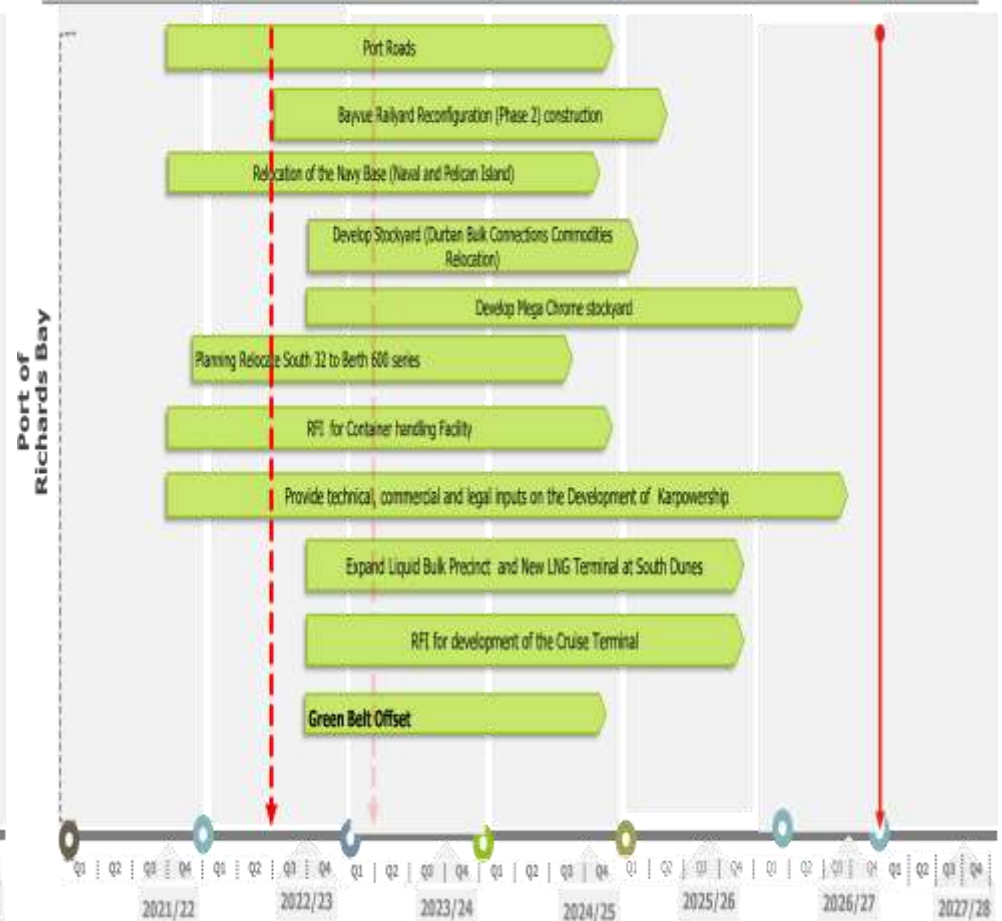
<p>Master Plan and Description of the project</p>	<ul style="list-style-type: none"> <li>The Port of Richards Bay is to handle Dry Bulk inclusive of bulk relocated from the Port of Durban and handle Liquefied Natural Gas (LNG).</li> <li>The SA Navy base is to be relocated from Salisbury Island in Durban to Naval and Pelican Islands in the Port of Richards Bay and have a Satellite Station at the Port of Durban.</li> </ul>																																										
<p>Investment</p>	<p>R26 billion</p>																																										
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<p>Job Opportunities</p>	<p>82 951</p>																																										

# PORT OF RICHARDS BAY MASTER PLAN - ROADMAP

## Roadmap (Berths Development)



## Roadmap (Back of Quay Development)



## Stimulate Economic Growth

Intervention:		<b>AUTO SERVICE HUBS (GOVERNMENT GARAGES)</b>						
Projects	Description	Activities	District/ Spatial location	Budget	Outcomes (Jobs)	Implementing Agent	Stakeholders/ Partnerships	Milestones/ Operationalisation
Medium Term	Preliminary work commencement (Finalisation of designs; site establishment; fencing) and related applications	<ol style="list-style-type: none"> <li>Appointment of Multi-disciplinary team of Experts in the Built environment (23/03/2022)</li> <li>Final design document (01/10/2022).</li> <li>Procurement of Contractor- October 2022- 31 January 2023</li> <li>Award of Contract- 01/02/2023</li> <li>Site hand-over &amp; establishment (01/03/2023)</li> </ol>	uMgungundlovu; uMsunduzi	<b>R35M</b> (Construction & professional fees)	-40 temporary jobs to be created during construction.	IDFC (Consultant: 2MC Consulting)	EDTEA, PT; IDFC; DOT; Public Works; uMsunduzi LM; SATA	Construction commencement 1 March 2023
	Identification and training of Beneficiaries	<ol style="list-style-type: none"> <li>Appointment of accredited institution to do diesel mechanic(15/07/22).</li> <li>Train 24 beneficiaries (12 motor mechanics &amp; 12 diesel mechanics (01/09/22)</li> <li>Identification and training of beneficiaries -30/06/2023</li> </ol>	uMgungundlovu; uMsunduzi	R4.2 M (Training & tools procurement)	24 beneficiaries trained to operationalise the Auto service hub	EDTEA	EDTEA, SATA, SETAS	Beneficiaries identified and trained by 30 June 2023
Long Term	Physical construction of a 1-stop shop Auto Service Hub.	<ol style="list-style-type: none"> <li>Complete the construction of the Auto Service Hub(15/12/24).</li> <li>Procure &amp; install equipment &amp; tools to be utilised by the beneficiaries.</li> <li>Allocate the beneficiaries &amp; operationalize the Hub (01/03/24)</li> </ol>	uMgungundlovu; uMsunduzi	<b>R35M</b> (Construction)	40 temporary jobs to be created during construction. - 24 beneficiaries (16 ASP)	IDFC		Construction completion date 15 December 2024
Challenges	<ol style="list-style-type: none"> <li>Lack of engineering Multi-disciplinary capacity to execute the project within the IDFC</li> <li>Fewer accredited institution on ARPL within KZN (1 TVET College has accreditation on diesel mechanics)</li> <li>Reprioritisation of budget due to other pressing urgent needs.</li> </ol>							



# Stimulate Economic Growth

## Intervention: Richards Bay IDZ

Projects	Description	Activities	District/ Spatial location	Budget	Outcomes (Jobs)	Implementing Agent	Stakeholders/ Partnerships	Milestones/Operationalisation
<b>Short Term</b>								
Nyanza Light Metals (Pty) Ltd	Titanium Dioxide Plant	<ul style="list-style-type: none"> <li>Phase 1 launch</li> <li>EIA for Phase 2 and 3</li> <li>Rail requirements</li> <li>Financial close</li> </ul>	KCDM	R 4,5 billion	507 Jobs construction created and 23 Permanent Jobs. Phase 2 & 3 to create 800 construction jobs and 550 permanent jobs	RBIDZ	dtic Edtea	<ul style="list-style-type: none"> <li>Phase 1 complete; operations to commence in July 2022</li> <li>Phase 2 and 3 to commence construction in March 2023</li> </ul>
Wilmar Processing SA	Edible Oil Refinery	<ul style="list-style-type: none"> <li>Civil works at 90% and mechanical/electrical works and tank farms in progress</li> <li>12i incentive approved</li> <li>Oil pipeline wayleave approved</li> <li>10 Interns permanently employed</li> </ul>	KCDM	R 1,3 billion	453 construction jobs created  an estimation of another 500 construction jobs to completion	RBIDZ	dtic Edtea	Commissioning and production in July 2023 with 202 Permanent Jobs
132/11kV 40MVA	Substation: Phase 1A	<ul style="list-style-type: none"> <li>Detail designs of sub-station completed</li> </ul>	KCDM	R 112 Million	20 Construction Jobs Adequate power supply for investors	RBIDZ	dtic Edtea	Construction tender advertised for sub-station, closing on 4th July 2022 Completion by May 2023
Prostar Paints (Pty)Ltd	Paint Manufacturer	<ul style="list-style-type: none"> <li>Contractor for design and construction appointed in April 2022</li> <li>Detail designs at 90%</li> </ul>	KCDM	R 141 million	Estimated 50 constructions and 50 operational jobs	RBIDZ	dtic Edtea	Construction to commence in August 2022 after construction permit received Expected Duration of construction is 12 months
<b>Medium Term</b>								
EMV Nanomaterial (Pty) Ltd	Nano Precipitated Calcium Carbonate	<ul style="list-style-type: none"> <li>Expedite EIA Application to EDTEA – Board (Chair)</li> <li>Expedite Air Emissions License Application- Management</li> <li>Financial close (IDC)- Management</li> <li>Submit Top Structure Application – Management</li> <li>Approval of Top structure Fund – Ms Mangole/ Chair</li> <li>Building plans approval- Management</li> <li>Procurement/Tender – Management</li> </ul>	KCDM	R 368 million	150 construction jobs and 42 operational jobs	RBIDZ	dtic Edtea	Operational by 2023

## Stimulate Economic Growth

### Intervention: **Richards Bay IDZ**

Projects	Description	Activities	District/ Spatial location	Budget	Outcomes (Jobs)	Implementing Agent	Stakeholders/ Partnerships	Milestones/ Operationalisation
<b>Long Term</b>								
HIA (trading as Nqanawe Holdings)	Tractor Assembly Plant	<ul style="list-style-type: none"> <li>Building Plan Approval – July 2022</li> <li>Financial Close – August 2022</li> <li>Procurement – October 2022</li> <li>Construction – January 2023</li> <li>Phase 1 Operational - October 2023</li> </ul>	KCDM	R 200 million (Phase 1) Total Project Value is R800 million	200 construction jobs and 130 operational jobs	RBIDZ	dtic IDC	<ul style="list-style-type: none"> <li>Board Approval – May 2022</li> <li>Detailed Design – June 2022</li> </ul>
KZN DARD Agri-hub	Fresh Produce Agri-hub	<ul style="list-style-type: none"> <li>Geotech studies – July 2022</li> <li>Strategic Partner procurement process – July 2022</li> <li>Top structure application – August 2022</li> <li>Building Plans Approval - September 2022</li> <li>Financial Close – November 2022</li> <li>Procurement – November 2022</li> <li>Construction – February 2023</li> <li>Operational – May 2024</li> </ul>	KCDM	R 176 million	TBC	RBIDZ	KZN DARD Afreximbank dtic	<ul style="list-style-type: none"> <li>Site to be confirmed formally by KZN DARD</li> <li>Proposal to relocate the project to Phase 1A accepted by stakeholders</li> </ul>

### Challenges

- Section 34 Ministerial Determination for the 3 GW Eskom project
- Environmental lobbyist groups delaying energy projects
- Access to funding for investors
- Access to critical infrastructure funds
- Rail line to site
- Potable water to site
- Community uprising disturbing construction and operational projects
- Global supply chain constraints

## Stimulate Economic Growth

Intervention:		RICHARDS BAY INDUSTRIAL DEVELOPMENT ZONE (SOC) Ltd - OIL AND GAS						
Projects	Description	Activities	District/Spatial location	Budget	Outcomes (Jobs)	Implementing Agent	Stakeholders/Partnerships	Milestones/Operationalisation
<b>Long Term</b>								
Mabasa Energy and Fuels	Gas to Power Plant – 750 MW	<ul style="list-style-type: none"> <li>Recognition agreement has been signed with RBIDZ</li> <li>Gas partner has been secured</li> <li>Project facilitation plan approved</li> <li>Met with MJB Dubai based partner that manufactures gas turbine.</li> <li>MJB confirmed the availability of turbines for the project</li> </ul>	KCDM	R10,9 Billion	<ul style="list-style-type: none"> <li>300 construction jobs</li> <li>150 operational jobs</li> </ul>	RBIDZ		<ul style="list-style-type: none"> <li>Finalisation of lease agreement with RBIDZ</li> <li>Appointment of Consultants (Engineering &amp; Environmental- July 2022</li> <li>Commence Environmental Impact Assessment – August 2022</li> <li>Commence soil testing and site surveys- August 2022</li> <li>Commence surveys of available network points – August 2022</li> <li>IPP office bid window opening – December 2022</li> <li>Preferred bidder announcement – April 2023</li> <li>500 MW simple cycle – October 2024</li> <li>750 MW combined cycle – October 2025</li> </ul>
RBGP2 (Pty) Ltd	Gas to Power Plant – 400 MW	<ul style="list-style-type: none"> <li>IPP office bid window opening – December 2022</li> <li>Preferred bidder announcement – April 2023</li> <li>500 MW simple cycle – October 2024</li> <li>750 MW combined cycle – October 2025</li> </ul>	KCDM	R15 Billion	<ul style="list-style-type: none"> <li>260 construction jobs</li> <li>70 permanent jobs</li> </ul>	RBIDZ		<ul style="list-style-type: none"> <li>AEL received for the 400 MW plant</li> <li>EIA is in place</li> <li>Financial Close reached</li> <li>RBGP2 submitted a qualifying bid for the RMIPPP in December 2020</li> </ul>
Saudi Aramco	Greenfield Oil Refinery and Petrochemicals Complex	<ul style="list-style-type: none"> <li>Define the pillars of the petrochemicals complex and including the identification of key stakeholders – March 2022</li> <li>Prepare for a Workshop to be held to scope the petrochemicals complex including LNG opportunities offered by the Energy Transition in both countries- May/June 2022</li> <li>Revision of the MOU to incorporate new opportunities and the RBIDZ- July 2022</li> </ul>	KCDM	R164 Billion	TBC	RBIDZ	<ul style="list-style-type: none"> <li>DMRE</li> <li>CEF</li> <li>OTP</li> <li>EDTEA</li> </ul>	<ul style="list-style-type: none"> <li>Saudi Aramco committed to a \$10 billion investment</li> <li>Site identified in Richards Bay</li> <li>Positive pre-feasibility study concluded</li> <li>Saudi Aramco committed to bringing in their subsidiary, Saudi Basic Industries Corporation (SABIC</li> <li>Revision of the MOU to incorporate new opportunities and the RBIDZ- July 2022</li> </ul>

## Stimulate Economic Growth

Intervention:		CLOTHING AND TEXTILE SPECIAL ECONOMIC ZONE						
Projects	Description	Activities	District/Spatial location	Budget	Outcomes (Jobs)	Implementing Agent	Stakeholders/Partnerships	Milestones/Operationalisation
Short Term	Updating of the business case to be resubmitted to DTIC	<ol style="list-style-type: none"> <li>Developing a new financial model</li> <li>Developing an institutional Model to fit equal equity split between National, Provincial and National Government</li> <li>Present the updated business case to DTIC</li> </ol>	uThukela	R600k	The SEZ will have world class infrastructure	Trade and Investment KZN (TIKZN)	TIKZN, EDTEA, DTIC, Alfred Duma Municipality, uThukela District Municipality, Ithala, DTPC	<ul style="list-style-type: none"> <li>The Clothing and Textile Corridor Approach (“The Textile Belt”) has been adopted by the KZN provincial government.</li> <li><b>EDTEA nominated DTPC</b> as the preferred operator for the SEZ (license extension)</li> <li>Project Steering committee that includes: Ithala Properties, Dube TradePort, EDTEA, DTIC, TIKZN and uThukela Economic Development Agency has been established.</li> <li>Three-way equity split for the ownership of the SEZ – National DTIC 33.3%; Province 33.3% and Municipality 33.3% has been confirmed</li> <li>Revised application to the DTIC by 31 August 2022</li> <li>Renovation of 5000 sqm of existing space identified for renovation- precise costing and size by end of July 2022</li> </ul>
	Investment Recruitment Process	<ol style="list-style-type: none"> <li>Investment Attraction initiatives driven by TIKZN.</li> <li>Committed investment of CMT Global (R350m and 1500 jobs).</li> <li>Interest from Presitex Enterprises (Currently employs 2000 workers in Lesotho. Project value and jobs in SA to be conformed).</li> <li>Additional investors are engaged for locating at the SEZ. Part of the SEZ designation requires investors commitment which TIKZN is championing</li> </ol>		R100k	New investors to take occupation at the SEZ	TIKZN		
Medium Term	<b>Phase 1: C&amp;T SEZ</b> Renovation of existing factories within eZakheni industrial estate	<ol style="list-style-type: none"> <li>Phase 1- Renovation of factories at eZakheni Industrial Estate and fence them</li> <li>Obtain budget for renovation of the industrial estate and establish a PMU</li> <li>Attracting investments within the upgraded industrial estate and establishing Clothing and Textile value proposition and critical mass.</li> </ol>	uThukela	R25m	Improved industrial estate infrastructure to host investors	TIKZN		
Challenges	<ol style="list-style-type: none"> <li>Not having a fully resourced PMU to run the day to day SEZ activities</li> <li>Financial constraints</li> <li>The bureaucratic SEZ approval process within the DTIC</li> <li>Limited SEZ benefits and incentives. (12i Incentive suspended; 12r incentive (15% corporate tax rate) ends 2031; SEZ fund not funding bulk infrastructure and will only consider top structure funding. Infrastructure funding needs to be three way split between local, provincial and national government)</li> </ol>							



## Stimulate Economic Growth

Intervention:		<b>BIOMASS FACTORY</b>						
Projects	Description	Activities	District/Spatial location	Budget	Outcomes (Jobs)	Implementing Agent	Stakeholders/Partnerships	Milestones/Operationalisation
<b>Short Term</b>	<ul style="list-style-type: none"> <li>Refurbishment of a biomass factory in order to produce the following products:</li> <li>Crude Wood Vinegar – 350 000 litres per month. Market secured for 4million litres per annum</li> <li>Biochar – 250 tons per month. Market secured for 400 tons per month</li> <li>Bio oil, biochemicals</li> </ul>	EDTEA R2m used for Factory repairs and refurbishments of the factory to house the R45m Pyrolysis investment. The following was refurbished: <ol style="list-style-type: none"> <li>Construction of concrete slab</li> <li>Refurbishment of borehole</li> <li>Electrical connection</li> <li>Clearing of Site</li> <li>Civil Works</li> </ol>	Harry Gwala District/ Dr Nkosazana Zuma Municipality/ Donnybrook	Pyrolysis investment- R45m. Property- R7m EDTEA - R2m	Direct jobs = 45 Indirect jobs = 158 Total jobs =203	Harry Gwala Development Agency  EDTEA	<ul style="list-style-type: none"> <li>EDTEA</li> <li>Harry Gwala District Municipality</li> <li>Dr Nkosazana Dlamini Zuma Municipality</li> <li>Harry Gwala Development Agency</li> <li>Phambili Energy (private investor)</li> </ul>	<ul style="list-style-type: none"> <li>Second week of July 2022 – Dry commissioning</li> <li>1<sup>st</sup> week of August production starts 8hrs per day</li> <li>2<sup>nd</sup> week of August production ramp up 16hrs per day</li> <li>3<sup>rd</sup> week of August full production 24hrs per day</li> <li>Launch by September 2022</li> </ul>
<b>Challenges</b>	<ol style="list-style-type: none"> <li>Slow pace of implementation due to lack of capacity at the Harry Gwala Development Agency</li> <li>Leadership stability at the Harry Gwala Development Agency</li> </ol>							

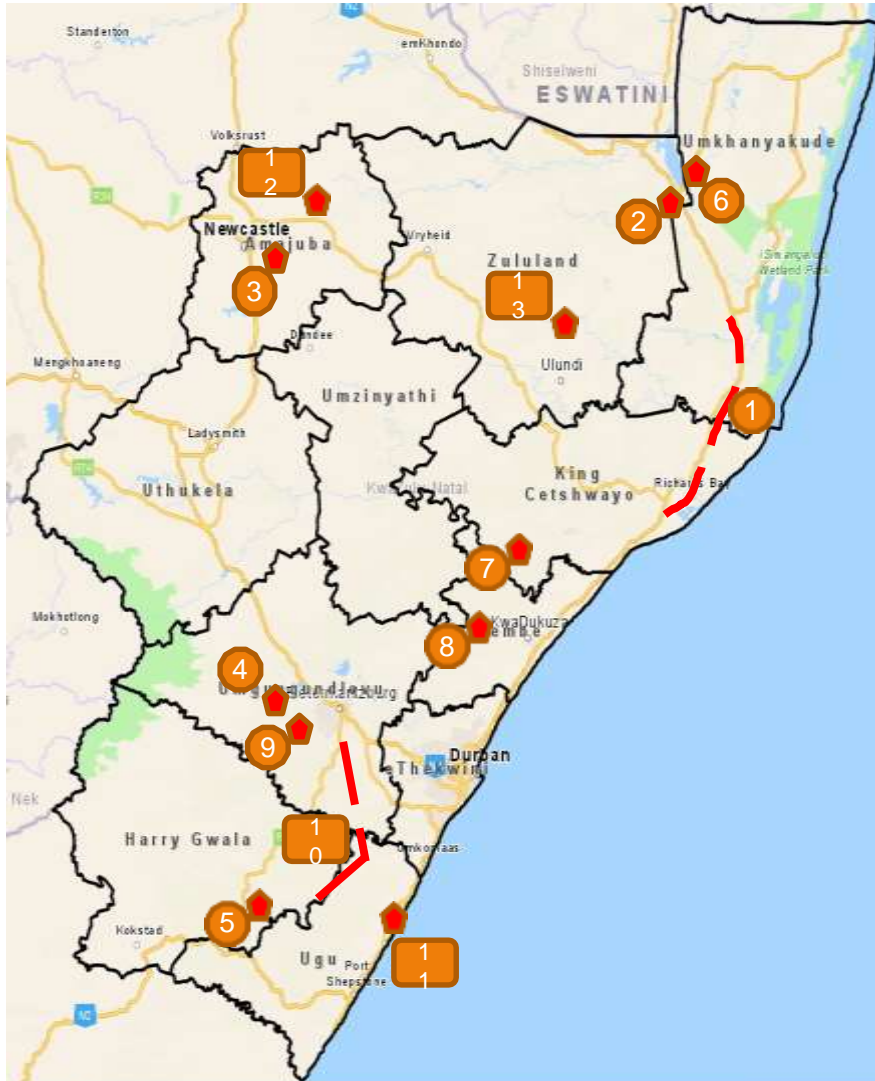


**KWAZULU-NATAL**  
PROVINCIAL GOVERNMENT  
REPUBLIC OF SOUTH AFRICA

GROWING KWAZULU-NATAL TOGETHER

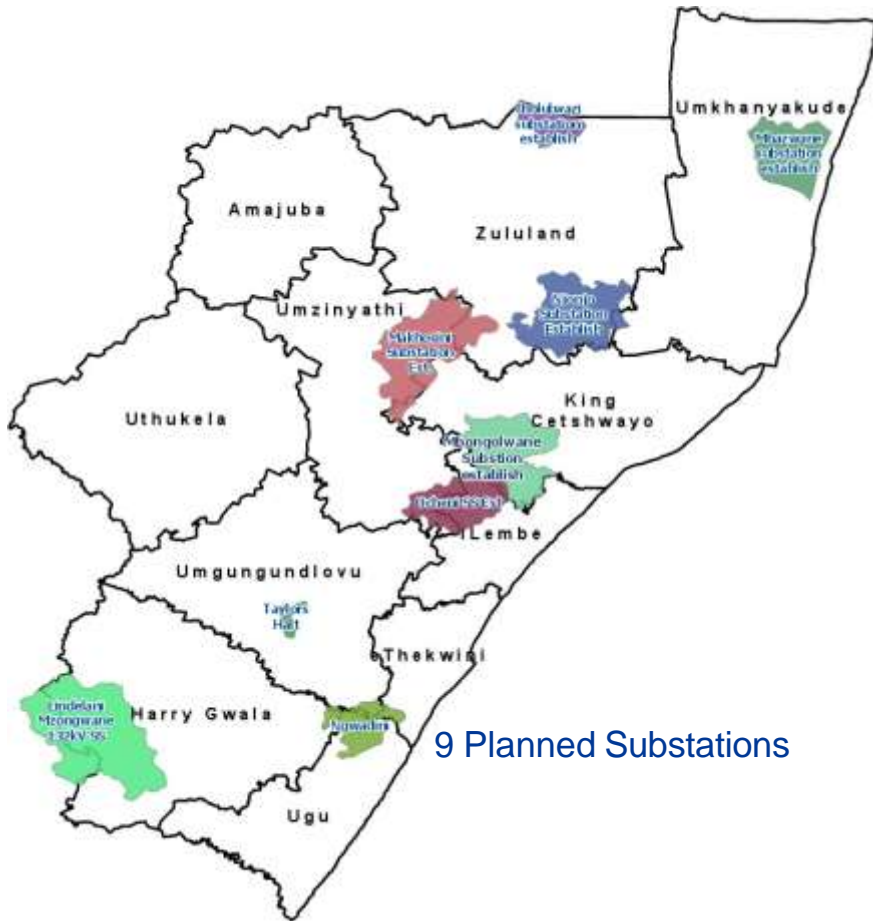
# ELECTRICITY

# DX STRENGTHENING PROJECTS KZN

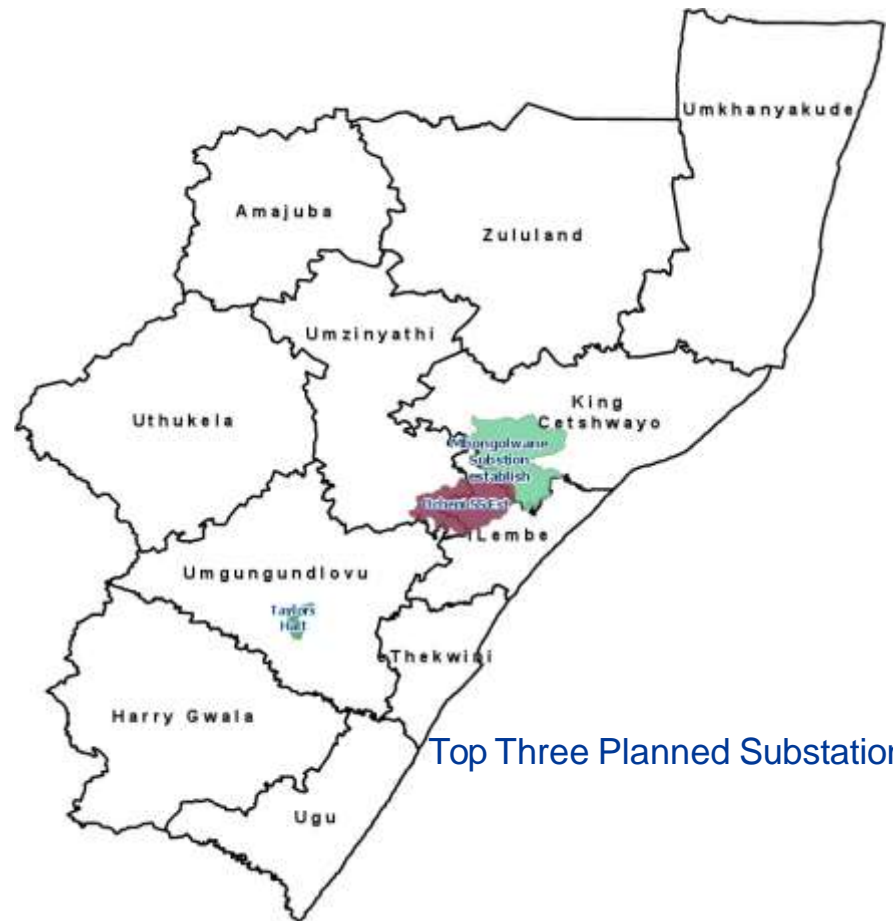


#	Project Name	Expected year based on the current Plan
1	Impala Mtubatuba 2 <sup>nd</sup> 132kV Line Establish @ R308 546 249	2026
2	Candover 132kV Transformer Establish @ R76 680 374	2022
3	Matsheketsheeni 132kV Substation Establish @ R100 908 684	2024
4	Elandskop Substation 2 <sup>nd</sup> 132/88kV Transformer Establish @ R39 892 631	2022
5	Umzali Substation 2 <sup>nd</sup> 132/22kV Transformer Establish @ R38 728 757	2022
6	Makhathini Substation 2 <sup>nd</sup> 132/22kV Transformer Establish - Complete	2021
7	Mbongolwane 132kV Substation Establish @ R144 943 460	2025
8	Ocheni 132kV Substation Establish @ R103 877 899	2025
9	Taylors Halt 132kV Substation Establish @ R82 907 046	2025
10	Ariadne - Kenterton 132kV Line Establish @ R27 898 969	2028
11	Hibiscus Switching Station Establishment @ R29 432 123	2025
12	Klipspruit Substation Transformer Upgrade @ R19 194 144	2024
13	Nyokeni Capacitor Bank @15 394 035	2026

# TOP THREE ELECTRIFICATION PLANNED SUBSTATIONS



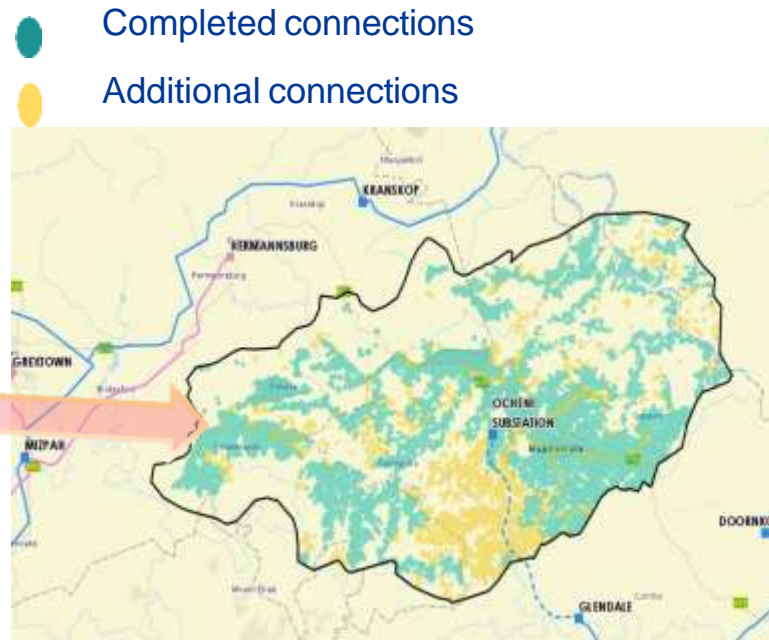
9 Planned Substations



Top Three Planned Substations

# PRIORITY RANKING 1: OCHENI SUBSTATION

Substation Name	Existing Elec Conns Component	Estimated Elec Backlog	Total Elec Conns within SS Boundary	Electrification Ratio
Ocheni 132/22kV 20MVA Substation Establish	20816	889	21705	135.66%



Total project cost at Concept Stage – R103 877 899  
Expected Completion Date – 31 March 2025

No. of Electrification projects completed within SS boundary – 26  
Total no. of households connected - 20816

# PRIORITY RANKING 2: TAYLORS HALT SUBSTATION

Substation Name	Existing Elec Conns Component	Estimated Elec Backlog	Total Elec Conns within SS Boundary	Electrification Ratio
889 Taylors Halt 132/22kV 40MVA Substation Establish	9544	6732	16276	101.73%



- Completed connections
- Additional connections



Total project cost at Concept Stage – R82 907 046  
Expected Completion Date – 31 March 2025

No. of Electrification projects completed within SS boundary – 8  
Total no. of households connected - 9544





# CATALYTIC PROJECTS LIST SAMPLES: PRIVATE SECTOR

(SHORT, MEDIUM AND LONG TERM )





# WHISPERS – PROJECT DESCRIPTION

PROJECT DESCRIPTION	PROJECT ATTRIBUTES	CONSTRUCTION	ANTICIPATED OPERATIONALISATION
<p>WHISPERS DEVELOPMENT: Development of a mixed use commercial, industrial and residential estate in Pietermaritzburg.</p>	<p>Location: Border of uMsunduzi and uMshwathi Municipalities</p> <p>Investment: R15 billion Jobs: 5 000</p>	<p>Anticipated completion dates: Phase 1 to 2: 2021/23 Phase 3 to 5: 2023/25 Phase 5 to 7: 2025/29</p>	<p>Phase 5 to 7: Construction and operations</p>



## IMPACT

Provide human settlement solution to people living in informal settlements.  
In addition, it will unlock commercial and industrial potential in an area predominantly rural

# CATO RIDGE – PROJECT DESCRIPTION



PROJECT DESCRIPTION	PROJECT ATTRIBUTES	CONSTRUCTION	ANTICIPATED OPERATIONALISATION
<ul style="list-style-type: none"> <li>Cato Ridge Logistics Hub: Comprise of an Intermodal Terminal, a Logistics Park for manufacturing and warehousing, Mega Truck Stop with 1000 parking bays and a Tank Farm</li> </ul>	<ul style="list-style-type: none"> <li>Location: Cato Ridge</li> <li>Investment: R18bn</li> <li>Jobs: 6500 (P &amp; C)</li> </ul>	<p>Construction expected in 2022/2023</p>	<p>Operationalisation expected in 2025</p>

# CATO RIDGE – CURRENT STATUS



## Project Milestone

### Achieved:

- Project modelling complete for Phase1
- Some regulatory compliance achieved
- Project Pre-Feasibility Study completed;
- Bankable Feasibility Study underway

## Next Project

### Milestone:

- Finalisation of land sale (agreement has been reached between Assmang and the Consortium)
- Finalisation of bulk infrastructure
- Truck Stop
- Funding

## Challenges:

- Bulk services – eThekwni and National Treasury looking into this and the NDB is also considering funding the infrastructure
- Agreement with Transnet
- Act 70 of 1970

## Mitigation:

- TIKZN and EThekwni to convene a brokering unit
- Engagement with National dept of Environmental Affairs

# CATO RIDGE- PROJECT SIGNIFICANCE

PROJECT DESCRIPTION	ECONOMIC IMPACT	INFRASTRUCTURE COST	ESTIMATED RATES INCOME
<p>Inland Dry Port</p>	<ul style="list-style-type: none"> <li>• Project will unlock port congestion by providing an Inland Dry Port</li> <li>• It will also unlock economic development in an area which is predominantly rural.</li> <li>• It will create an export hub for the Province.</li> </ul>	<p>Bulk infrastructure: <b>R2.2 billion</b></p>	



# INVESTMENT PROJECTS

PROJECT DESCRIPTION	PROJECT ATTRIBUTES	CONSTRUCTION	ANTICIPATED OPERATIONALISATION
<p><b>Tier 1 : Investment Projects</b>  <b>Nyanza Light Metals</b> : Production of Titanium Dioxide Pigments (Chemicals)</p>	<p><b>Nyanza Light</b>: Value - <b>R 4.5 billion</b> (R130 million for the Technical Service Center-Phase 1)  <b>Jobs</b> - 800 constructions and 550 permanent  <b>Estate</b>: Phase - 1F  <b>Land Size</b>: -49 ha</p>	<ul style="list-style-type: none"> <li>• Construction of the TSC Practical Completion</li> <li>• Phase 2: 2023</li> </ul>	<p>March 2022 TSC</p> <p>Phase 2: Q1 2024</p>
<p><b>Project Milestones Achieved:</b></p> <ul style="list-style-type: none"> <li>○ 98% construction of Phase1</li> <li>○ 507 Jobs created</li> </ul>	<p><b>Next Project Milestones:</b></p> <ul style="list-style-type: none"> <li>○ Operation of Phase 1</li> <li>○ Detail Design for Phase 2</li> </ul>	<p><b>Challenges:</b></p> <ul style="list-style-type: none"> <li>• Revision of WULA application</li> <li>• Funding of supporting infrastructure</li> <li>• Phase 2 &amp;3 Financial close</li> <li>• Offtake agreements lapse and alternative sources are procured</li> </ul>	<p><b>Mitigation:</b></p> <ul style="list-style-type: none"> <li>○ EDTEA assist in expediting of WULA Application</li> <li>○ Assist with the funding application support</li> <li>○ Continuous engagements with stakeholders (Transnet, CoU)</li> </ul>
<p>N2 Interchange upgrade</p>	<p>Project awarded – June 2021 – PLC in place – Project awarded at R543million</p>	<p>Construction in progress</p>	<ul style="list-style-type: none"> <li>○ 2023</li> </ul>

## INVESTMENT PROJECTS

PROJECT DESCRIPTION	PROJECT ATTRIBUTES	CONSTRUCTION	ANTICIPATED OPERATIONALISATION
<b>Wilmar Processing : Edible Oil Refinery (Agro-processing)</b>	<b>Value : R1.1 billion</b> <b>Jobs : 1000 constructions and 202 permanent</b> <b>Estate: Phase – 1A</b> <b>Land Size : 10 ha</b>	<ul style="list-style-type: none"> <li>Construction underway</li> </ul>	March 2023
<b>Project Milestones Achieved:</b> <ul style="list-style-type: none"> <li>453 construction jobs created</li> <li>Approval of 12i incentive</li> <li>10 Interns permanently employed</li> </ul>	<b>Next Project Milestones:</b> <ul style="list-style-type: none"> <li>Completion of civil works</li> <li>Completion of mechanical works and tank farms</li> </ul>	<b>Challenges:</b> <ul style="list-style-type: none"> <li>Potential community unrest</li> <li>Wayleave extension</li> </ul>	<b>Mitigation:</b> <ul style="list-style-type: none"> <li>Facilitate stakeholder community engagements</li> </ul>
<b>Elegant Afro lines:</b> Establishment of Caustic Soda/Chlorine chemical production plant	<b>Value : R1 Billion</b> <b>Jobs : 350 constructions and 182 operational</b> <b>Estate :Phase 1F</b> <b>Land Size : 8.499 ha</b>	<ul style="list-style-type: none"> <li>Timelines on lease lapsed, to be reviewed</li> <li>Financial close</li> </ul>	Timelines to be reviewed
<b>Project Milestones Achieved:</b> <ul style="list-style-type: none"> <li>Preliminary design completed</li> <li>Top structure funds approved- R170M</li> <li>EIA Approved</li> <li>Black Industrialist Grant Approved- R50M</li> </ul>	<b>Next Project Milestones:</b> <ul style="list-style-type: none"> <li>Financial close</li> </ul>	<b>Challenges:</b> <ul style="list-style-type: none"> <li>Risk of offtake agreements lapsing</li> <li>Equity funding challenges</li> </ul>	<b>Mitigation:</b> Continuous engagement with investor and stake holders 102

## INVESTMENT PROJECTS

PROJECT DESCRIPTION	PROJECT ATTRIBUTES	CONSTRUCTION	ANTICIPATED OPERATIONALISATION
<p><b>Pro Star Paints:</b> Manufacturing of high quality industrial and architectural coating</p>	<p><b>Value : R 141 Million</b> <b>Jobs :</b> 50 constructions and 50 operational jobs <b>Estate:</b> Phase 1A <b>Land Size :</b> 2. 12 ha</p>	<ul style="list-style-type: none"> <li>• March 2022</li> <li>• RBIDZ is in the process of appointment of a Contractor to build the top structure ongoing</li> </ul>	December 2022
<p><b>Project Milestones Achieved:</b></p> <ul style="list-style-type: none"> <li>○ Approval of top structure funding- R47M</li> <li>○ Construction Tenders closed in Dec'21</li> </ul>	<p><b>Next Project Milestones:</b></p> <ul style="list-style-type: none"> <li>○ Appointment of the Contractor</li> <li>○ Construction of top structure</li> </ul>		
<p><u>132/11kV 40MVA Substation:</u> Site identified Detail designs of sub-station completed</p>	<p>Location: Phase 1A To provide sufficient power to existing investor-Wilmar and other investors in the phase Jobs: 20 Project Value <b>R128M</b></p>	<p>April 2022 <u>Challenges:</u></p> <ul style="list-style-type: none"> <li>▪ Application Funds for Switching Station to dtic of R26 required co-funding</li> <li>▪ Wilmar to start commissioning in Nov 2022</li> </ul>	<p>November 2022 <u>Mitigation:</u></p> <ul style="list-style-type: none"> <li>▪ Co-funding requested from EDTEA and City of Umhlathuze</li> <li>▪ Ongoing engagements with EDTEA and dtic</li> </ul>

## INVESTMENT PROJECTS

PROJECT DESCRIPTION	PROJECT ATTRIBUTES	CONSTRUCTION	ANTICIPATED OPERATIONALISATION
<p><b><u>PROJECTS TO BE APPROVED BY THE BOARD IN 21/22 FINANCIAL YEAR</u></b></p> <ol style="list-style-type: none"> <li><b>Cold Storage Management</b>(Citrus Storage)</li> <li><b>Tightline Fisheries</b> (Seafood processing)</li> <li><b>Monustep / Safran</b> (Developer/Parachute Manufacturing)</li> <li><b>Smartway Electronics</b></li> <li><b>African Surgical Resources</b> (Pharmaceutical)</li> </ol> <p><b>DTP</b></p>	<p><b>Location: TradeZone 2</b></p> <ul style="list-style-type: none"> <li><b>Cold Storage Management</b> - Jobs: 50 ; Value: R250m.</li> <li><b>Tightline Fisheries</b> - Jobs: 78 ; Value: R45m.</li> <li><b>Monustep / Safran</b> - Jobs 100; Value: R95m.</li> <li><b>Smartway Electronics</b> - Jobs: 150 ; Value: R56m equipment only. Building TBC.</li> <li><b>African Surgical Resources</b> - Jobs 496; Value R385m</li> </ul> <p><b>R835 million</b></p>	<p>Construction for all listed projects to start in March 2023 except for Smartway Electronics as it is awaiting funding approval from the KZN Growth Fund.</p>	<p>Operations expected to commence in the second quarter of 2024</p>
<p><b>SPS Manufacturing:</b> Production of PVC pipes Expansion valued at R106 million was conducted in 2020 &amp; 2021. The expansion will attract an additional 26 permanent jobs once completed in 2022.</p> <p><b>RDIDZ</b></p>	<p><b>Investment Value - R 332 million</b> <b>Jobs</b> – 94 permanent Estate: Phase – 1A Land Size: -4.985 ha</p>	<ul style="list-style-type: none"> <li>Construction completed in 2016</li> <li>Expansion 2020 &amp; 2021</li> </ul>	<p>Operational since 2016</p>



## KING CETSHWAYO HOSPITAL – DESCRIPTION & STATUS



PROJECT DESCRIPTION	PROJECT ATTRIBUTES	NEXT MILESTONES	CONSTRUCTION & OPERATIONALISATION
<p>King Cetshwayo Private Hospital:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 110 bed facility.</li> <li><input type="checkbox"/> Project owners are: Wagna Projects (Pty) Ltd</li> <li><input type="checkbox"/> Long term lease secured</li> <li><input type="checkbox"/> Market Study done – 2020.</li> <li><input type="checkbox"/> Consent from Royal House and Tribal Authority</li> <li><input type="checkbox"/> EIA Record of Decision</li> <li><input type="checkbox"/> Approval from Department of Health and Valid Hospital Licence.</li> </ul>	<ul style="list-style-type: none"> <li>• Location: Ulundi</li> <li>• Investment: R214 m</li> <li>• Jobs: 150 to 219</li> </ul>	<p>Site development and infrastructure finance</p>	<p>Construction expected in 2022/2023 Operationalisation expected in 2023</p>

# XYLOMED – PROJECT DESCRIPTION

PROJECT DESCRIPTION	PROJECT	CONSTRUCTION	ANTICIPATED OPERATIONALISATION
<p>XyloMed Pharmaceuticals Manufacturing</p> <ul style="list-style-type: none"> <li>Project will design and manufacture new (about 2100) medicinal products that have relevance in African Markets and global</li> </ul>	<ul style="list-style-type: none"> <li>Location: Ethekwini</li> <li>Investment: R3.5bn</li> <li>Jobs:               <ul style="list-style-type: none"> <li>500 Jobs (P)</li> <li>1,000 (C)</li> </ul> </li> </ul>	<p>2022/23</p>	<p>2025</p>



# XYLOMED – PROJECT DESCRIPTION

PROJECT DESCRIPTION	PROJECT	CONSTRUCTION	ANTICIPATED OPERATIONALISATION
<p><b>Project Milestone Achieved:</b></p> <ul style="list-style-type: none"> <li>• Business Plans</li> <li>• Technical Design</li> <li>• MOU signed between XyloMed and UKZN for the R&amp;D of product</li> </ul>	<p><b>Next Project Milestone:</b></p> <ul style="list-style-type: none"> <li>• Regulatory approvals</li> <li>• Securing funding for BFS</li> <li>• Construction</li> </ul>	<p><b>Challenges:</b></p> <ul style="list-style-type: none"> <li>• Funding for project Bank Feasibility Studies</li> </ul>	<p><b>Mitigation:</b></p> <ul style="list-style-type: none"> <li>• Engaging DTIC and IDC for feasibility funding of R15m</li> </ul>



## COLENZO ADVANCED POWER, ENERGY & CHEMICALS

<b>PROJECT DESCRIPTION AND BACKGROUND</b>	<b>The project focuses on converting coal into gas. The process of gasification to LNG /CNG.</b> Production of co-product and/or bi-product chemicals (& future commercialisation of carbon capture). Synthesized LNG to major power users (such as peaking/baseload power plants, smelters, refiners, mining, manufacturing and other industrial operations) for reliable power generation purposes.
<b>VALUE OF INVESTMENT</b>	<b>R6.3b</b> for the first phase ( Gasification Plant to produce 320k tonnes / annum) <b>R3.48b</b> for the second phase ( Gas fired power plant).
<b>JOBS TO BE CREATED</b>	19, 000 Full time employment jobs by direct, indirect and induced effect.
<b>PROJECT LOCATION</b>	Colenso town with secured site of 100 ha.
<b>PROXIMITY</b>	The site has been selected on its proximity to fuel supply, water supply and logistics infrastructure.

## THUKELA LIFESTYLE RESORT

<b>Provincial Location</b>	<b>Mandeni, iLembe District</b>
<b>Company Name and Background</b>	Thukela Lifestyle is a Medical Tourism and Luxury Lifestyle Resort located on the Tugela River & close to the ocean in KwaZulu-Natal. It is approximately 45 minutes' drive from Durban and 25 minutes' drive from the King Shaka International Airport
<b>Economic Sector</b>	Tourism and Property Development
<b>Description of the Project and product</b>	This is a lifestyle wellness estate including residential (eco-estate) Thukela is planned to be a dynamic lifestyle wellness development on approximately 448 hectares of land The development is a holistic wellness facility offering a private hospital, complete health, wellness, education, retail and tourism experience.
<b>Investment Value (ZAR)</b>	<ul style="list-style-type: none"> <li>• R1.4 billion - Initial phase consists of a private hospital, health and hospitality top-structures and residential estate; and</li> <li>• R2.2 billion – Remaining phases will consist of retail, shopping centre, education facilities, retirement and further residential estate</li> </ul>
<b>Sources of funding</b>	<ul style="list-style-type: none"> <li>• Project initiators (own funding)</li> <li>• In due diligence with Development Fund Institutes for 50% of the first phase value</li> <li>• Looking for other funders of the project</li> </ul>
<b>Funding gap (ZAR)</b>	R3 billion
<b>Incentive available</b>	Information available on enquiry
<b>No. of jobs</b>	10 000 direct jobs and 25 000 construction jobs

## **THUKELA LIFESTYLE RESORT**

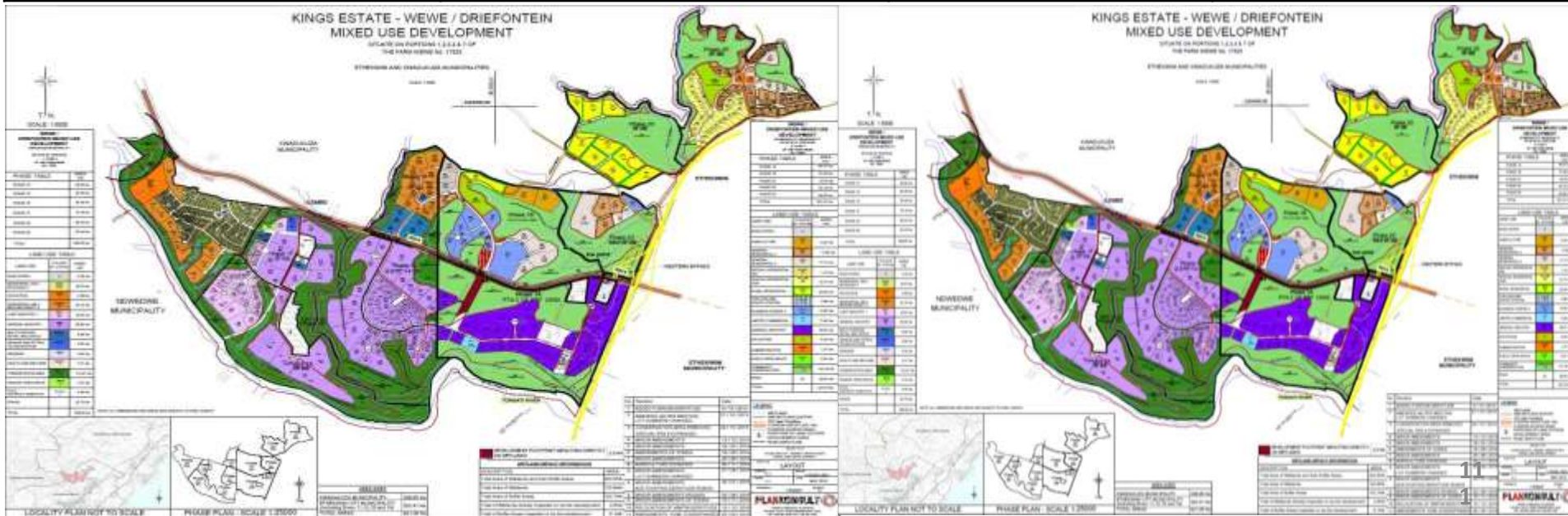
- Environmental authorisation for the whole development (phases 1-4) has been approved
- The whole site has been released from the provisions of The Subdivision of Agricultural land Act No.70 of 1970
- Licence for the private hospital approved by the KwaZulu-Natal Department of Health
- Project Owner/Developer has land sale agreement with current land owner
- Final feasibility, design and engineering has been completed;
- Planned construction term for initial 8 top structures (Phase I & private hospital) carries a 36month period (a planned draw down schedule can be provided on request)
- Letter of Intent signed with the medical Group to operate the Private Hospital and health divisions
- Letter of Intent signed with the hotel and Hospitality Group to operate all hospitality divisions

### **FUNDING REQUIRED**

- R1.4 billion - Initial phase consists of a private hospital, health and hospitality top- structures and residential estate; and
- R2.2 billion – Remaining phases will consist of retail, shopping centre, education facilities, retirement and further residential estate

# KINGS ESTATE – PROJECT DESCRIPTION

PROJECT DESCRIPTION	PROJECT ATTRIBUTES	CONSTRUCTION	FUNDING SOURCES
<p>Kings Estate: Development of a mixed use commercial, industrial and residential estate in the north near KSIA.</p> <p>Land size is 651 ha</p>	<p>Location: Border of EThekweni Municipality and KwaDukuza Municipality</p>		<p>Developer Looking for additional partners</p>



## KINGS ESTATE – SIGNIFICANCE

PROJECT DESCRIPTION	ECONOMIC IMPACT	INFRASTRUCTURE COST	RATES CONTRIBUTION
<p>Kings Estate: Development of a mixed use commercial, industrial and residential estate in the north near KSIA.</p>		<p>Infra Cost: R615 million Made up of: Bulks R415 million Roads R200 million</p>	



# NTSHONGWENI HUMAN SETTLEMENT- CURRENT STATUS

CURRENT STATUS	PROJECT IMPACT	INFRASTRUCTURE COST	Estimated Rates Income
<p>Human Settlement &amp; Light Industrial</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Approvals:</li> <li><input type="checkbox"/> Act 70 of 70 – approved</li> </ul> <p>Current Status:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> EIA – underway</li> <li><input type="checkbox"/> WULA applications</li> <li><input type="checkbox"/> SPLUMA applications</li> </ul>	<ul style="list-style-type: none"> <li>• Location: Durban - West</li> <li>• <b>Investment:</b> R30 billion</li> <li>• Jobs: 5 200</li> </ul>	<p>R30 billion</p>	<p>Anticipated rates income: R400 m</p>

# WHETSTONE BUSINESS PARK- STATUS & IMPACT

CURRENT STATUS	PROJECT IMPACT	INFRASTRUCTURE COST	Estimated Rates Income
<p>Light Industrial, logistics &amp; general business:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Land- 32ha site - secured.</li> <li><input type="checkbox"/> Act 70 of 70 – phase 1 approved</li> <li><input type="checkbox"/> EIA ROD – Phase 1</li> <li><input type="checkbox"/> WULA approved – Phase 1</li> </ul> <p>Current Status:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Act 70 of 1970 – Phase 2 (constraint/key challenge)</li> <li><input type="checkbox"/> SPLUMA application for Phase 2</li> </ul>	<ul style="list-style-type: none"> <li>• Location: Durban - North</li> <li>• Investment : R1,4 billion</li> <li>• Jobs: 1 850 1 100 (C) 750 (P)</li> </ul>	<p>R1,4 billion</p>	

# PRIVATE CATALYTIC DEVELOPMENT

## Catalytic projects in the pipeline

Project	Comments	District
Amajuba Health Care centre	Plans are underway to construct the Amajuba private hospital. Doctors suites, apartment hotel, affordable housing, offices - value R750 million	Amajuba
Newcastle Airport	A proposed refurbishment of the Airport has been planned for.	Amajuba
Newcastle Dry Port	Establishment of dry port within Newcastle	Amajuba
Airport Relocation	The project has been registered as a PPP and full feasibility is to due to commence soon.	KCD
Msunduzi Catalytic project developments	Private funding (Hesketh estate) <b>R22 Billion</b>	UMgungundlovu

## INFRASTRUCTURE PROJECTS

PROJECT DESCRIPTION	PROJECT ATTRIBUTES	CONSTRUCTION	ANTICIPATED OPERATIONALISATION
<p><u>Railway line:</u> Route and tie-in point identified</p>	<p>Location: Phase 1F Design and construction Railway line will be an integral part of the project for Nyanza Light Metals as well as it will assist in mitigating increase of traffic volumes Jobs: 50 Project Value <b>R129M</b></p>	<p>2022 <u>Challenges:</u></p> <ul style="list-style-type: none"> <li>▪ Application for funds submitted to dtic (SEZ and CIF)</li> </ul>	<p>2024 <u>Mitigation:</u></p> <ul style="list-style-type: none"> <li>▪ Co-funding requested from EDTEA and City of Umhlathuze</li> <li>▪ Ongoing engagements with EDTEA and dtic</li> </ul>



# STRATEGIC INTEGRATED PROJECTS:

## ANNEXURE: PROGRESS UPDATE ON STRATEGIC INTEGRATED PROJECTS (SIPs)

No	Intervention	Intended Outcome	High Level Outputs/Targets (Specify Timelines)	Implementation Progress with quantitative & qualitative analysis including focus on women, youth and persons with disabilities information <span style="color: yellow;">where applicable</span>	Challenges & Mitigation Measures
	Act No. 23 of 2014: Infrastructure Development Act, 2014 -To provide for the facilitation and co-ordination of public infrastructure development which is of significant economic or social importance to the Republic; to ensure that infrastructure development in the Republic is given priority in planning, approval and implementation; to ensure that the development goals of the state are promoted for matters incidental thereto.	Accelerate implementation of shovel ready projects and those identified through the SIDS process as well as regulatory reforms aimed at building broad-based public; private partnerships	R340 billion private sector investment; 550000 job opportunities created Transformation; sustainability, contractor and skills development	<p><b>Water and Sanitation Projects(SIP19)</b></p> <p><b>Lower Tugela Bulk Water Supply Scheme - Phase 1</b> Hand-Over</p> <p><b>Lower Umkhomazi Bulk Water Supply Scheme</b> Design</p>	<p><b>Challenge</b> N/A</p> <p><b>LHWP:</b> <b>Challenge</b>-Namibia No-Objection statement still outstanding-will delay availability of foreign funds once required. An updated progress reports required before we lose the international funding on this project <b>Mitigation</b>-The DWS Minister and DG are taking action and it is proposed to raise the issue at the next BI-National Commission to be held in Namibia. A letter was drafted by the department to Namibia on the issue in June 2022</p>

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	Act No. 23 of 2014: Infrastructure Development Act, 2014 -To provide for the facilitation and coordination of public infrastructure development which is of economic or social importance to the Republic; to ensure that infrastructure development in the Republic is given priority in planning, approval and implementation; to ensure that the development goals of the state are promoted for matters incidental thereto.	Accelerate implementation of ready projects and those identified through the SIDS process as well as regulatory reforms aimed at building broad-based public; private partnerships	Emergency/Risk Mitigation Power Purchase Procurement Programme (2000MW) (RMIPPPP) These projects will be available to generate energy output when called upon (to avoid load shedding) and provide ancillary services to reduce the significant cost of using diesel that is currently the only option available to the buyer. At the same time, the programme will support socio-economic development, job creation, local manufacturing and South African participation. Contributes to the R340 billion private sector investment and potential 550000 job opportunities to be created from the overall investment, Transformation; sustainability; contractor and skills development.	<b>SIP20: Energy</b> <b>Emergency/Risk Mitigation Power Purchase Procurement Programme (2000MW)</b> •The programme is attracting R60.2bn in investment •22,346 employment opportunities for both construction and Post Construction. •5,6Billion in socio-economic, enterprise and skills development commitments. •Scatec Solar PV and Battery Storage projects, Kenhardt 1, 2 and 3 signed their project agreements under the RMIPPPP on Thursday, 02 June 2022. The three projects are combining Solar PV and Battery technologies to contribute 150MW of dispatchable capacity to the national grid. Located in the Northern Cape, the Scatec projects will contribute R16bn in investments and approximately 4968 job opportunities, measured in job years.	<b>Challenges:</b> •DoT: Section 79 applications (Mulilo & Karpowership) •DTIC: Solar PV panel local content thresholds. •DFE: Karpowership environmental appeal. •DoD: SANDF no objection letters. •Water Use License delays <b>Mitigation:</b> •ISA letter to responsible department has been drafted – shared by SIP coordinator •Appeal review consultant appointed. Ministers' decision was due end June 2022, but extension provided •The challenge of Water Use Licenses will be escalated to the DG of the department

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	<p>Act No. 23 of 2014: Infrastructure Development Act, 2014 -To provide for the facilitation and coordination of public infrastructure development which is of economic or social importance to the Republic; to ensure that infrastructure development in the Republic is given priority in planning, approval and implementation; to ensure that the development goals of the state are promoted for matters incidental thereto.</p>	<p>Accelerate implementation of shovel ready projects and those identified through the SIDS process as well as regulatory reforms aimed at building broad-based public; private partnerships</p>	<p>R340 billion private sector investment 550000 job opportunities created Transformation; sustainability; contractor and skills development</p>	<p><b>Human Settlements Projects (SIP24) Projects in construction: Greater Cornubia (KwaZulu-Natal):</b> 2662 units completed in Phase1 along with some social amenities. 1946 units transferred. Phase2 is split into 4 subphases and consists of 12000 residential units which will include a mixture of BNG, GAP and Social Housing, plus associated social amenities. Statutory approvals for Phase2 have been completed. •Phase1A &amp; 1B: Complete (2662 Houses complete, 1946 transferred) •Phase2A_2B: Implementation. •Phase2C&amp;2D: Construction has not commenced.  Work package 6B on the Cornubia Boulevard is to be implemented by Tongaat Hulett.</p>	<p><b>Challenge:</b> <b>Funding of Cornubia Boulevard to unlock the remainder of the development.</b>  <b>Mitigation:</b> 4BFI Submission for 3-year MTEF Period was submitted for Greater Cornubia.</p>

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	<p>To provide for the facilitation and co-ordination of public infrastructure development which is of significant economic or social importance to the Republic; to ensure that infrastructure development in the Republic is given priority in planning, approval and implementation; to ensure that the development goals of the state are promoted for matters incidental thereto</p>	<p>Accelerate implementation of shovel ready projects and those identified through the SIDS process as well as regulatory reforms aimed at building broad-based public; private partnerships</p>	<p>R340 billion private sector investment 550000 job opportunities created Transformation; sustainability, contractor and skills development</p>	<p><b>SIP22: SPACE INFRASTRUCTURE HUB</b></p> <ul style="list-style-type: none"> <li>•SANSA has updated the business case for the SIH on recommendation from ISA with the assistance of GTAC.</li> <li>•The business case has been developed in line with the National Treasury Budget Facility for Infrastructure Guideline on Budget Submissions for Large Strategic Infrastructure Proposals</li> <li>•The updated business case advocates for a phased approach to the implementation of the SIH.</li> </ul> <p><b>Special Projects</b> These SIPs are Special Projects that primarily focus on mass employment initiatives within the infrastructure space with most of these projects requiring some form of fiscus support.</p>	<p><b>Challenge:</b> Funding of the SIH to unlock the development.</p> <p><b>Mitigation:</b> BFI Submission was submitted at the end of May 2022.</p>

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	To provide for the facilitation and co-ordination of public infrastructure development which is of significant economic or social importance to the Republic; to ensure that infrastructure development in the Republic is given priority in planning, approval and implementation; to ensure that the development goals of the state are promoted for matters incidental thereto	Accelerate implementation of shovel ready projects and those identified through the SIDS process as well as regulatory reforms aimed at building broad-based public; private partnerships	R340 billion private sector investment 550000 job opportunities created Transformation; sustainability, contractor and skills development	<b>SIP25: Rural Bridges Programme– Delivering 95 bridges(2022/23FY)</b> The implementation of a bridge requires the following skills set: 1 Project Officer (Camp commander & construction manager) 2 Field Engineers; 1 Foreman; 4 Bricklayers; 4 Welders; 3 Painters Plant operators (Dozer, TLB, Excavator, FrontEnd Loader, Crane...) Unskilled labour(60–80 per bridge). The skills available within the SANDF constitute 24 teams that will implement 24 bridges concurrently..2 bridges were handed over already.	<b>Challenge:</b> Lack of Skills Set for Implementation. Funding support  <b>Mitigation:</b> Artisans from DPWI will join the SANDF teams to augment the available capacity. These teams will be deployed to provinces for the implementation of 24 bridges per quarter BFI Submission concluded

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	To provide for the facilitation and co-ordination of public infrastructure development which is of significant economic or social importance to the Republic; to ensure that infrastructure development in the Republic is given priority in planning, approval and implementation; to ensure that the development goals of the state are promoted for matters incidental thereto	Accelerate implementation of shovel ready projects and those identified through the SIDS process as well as regulatory reforms aimed at building broad-based public; private partnerships	R340 billion private sector investment 550000 job opportunities created Transformation; sustainability, contractor and skills development	<b>SIP26: Rural Roads Programme—685km over MTEF period (228km per year)</b> South African road network is estimated at a total of 750000km—both paved and unpaved (gravel) Of the 750000km, approximately 592000km is gravel—approximately R5.3Trillion to upgrade from gravel to surfacing. The scope of the Rural Roads Programme (SIP26) covers the upgrading of gravel roads in the rural areas to enable easy mobility and access to markets Labour intensive methods will be used in the upgrade of rural roads. Infrastructure South African (ISA) is working with the provinces to finalize assessment of rural roads projects ready for construction. This assessment was completed with the Limpopo Road Agency (RAL). •The process of evaluation and gathering site specific information is ongoing. •The first RFP is planned to be issued before the end of July 2022.	<b>Challenge</b> :Pricing and standardization of rural roads implementation. <b>Mitigation</b> : ISA's Technical Advisory Panel members appointed to assess the pricing for the standardization of the various options for rural roads

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	To provide for the facilitation and co-ordination of public infrastructure development which is of significant economic or social importance to the Republic; to ensure that infrastructure development in the Republic is given priority in planning, approval and implementation; to ensure that the development goals of the state are promoted for matters incidental thereto	Accelerate implementation of shovel ready projects and those identified through the SIDS process as well as regulatory reforms aimed at building broad-based public; private partnerships	R340 billion private sector investment 550000 job opportunities created Transformation; sustainability; contractor and skills development	<p><b>SIP28: PV and Water Savings on Government Buildings Programme.</b></p> <ul style="list-style-type: none"> <li>•The NDPWI has undertaken a Feasibility Study with the assistance of National Treasury's Government Technical Advisory Centre (GTAC) that has identified the benefit of renewable energy and resource efficiency (water, electricity, and waste) across the NDPWI portfolio.</li> <li>•The Bankable Feasibility Study concluded that the current size of the NDPWI building portfolio and levels of consumption of electricity and water across this portfolio makes it viable to anchor a large Renewable Energy and Resource Efficiency (water efficiency, energy efficiency and waste management) Programme (REREP) across the NDPWI property portfolio.</li> <li>•The Request for Information(RFI) was issued in September 2021 and closed in October 2021.</li> <li>•The process of evaluation and gathering site specific information is ongoing.</li> <li>•The first RFP is planned to be issued before the end of July 2022.</li> </ul>	<p><b>Challenge:</b> Lack of Skills Set for Implementation. Funding support</p> <p><b>Mitigation:</b> Artisans from DPWI will join the SANDF teams to augment the available capacity. These teams will be deployed to provinces for the implementation of 24 bridges per quarter BFI Submission concluded</p>

## ANNEXURE: PROGRESS UPDATE ON STRATEGIC INTEGRATED PROJECTS (SIPs)

No	Intervention	Intended Outcome	High Level Outputs/Targets (Specify Timelines)	Implementation Progress with quantitative & qualitative analysis including focus on women, youth and persons with disabilities information <b>where applicable</b>	Challenges & Mitigation Measures
	<p>To provide for the facilitation and co-ordination of public infrastructure development which is of significant economic or social importance to the Republic; to ensure that infrastructure development in the Republic is given priority in planning, approval and implementation; to ensure that the development goals of the state are promoted for matters incidental thereto</p>	<p>Accelerate implementation of shovel ready projects and those identified through the SIDS process as well as regulatory reforms aimed at building broad-based public; private partnerships</p>	<p>R340 billion private sector investment 550000 job opportunities created Transformation; sustainability, contractor and skills development</p>	<p><b>Special Projects SIP 30: Digitization of Government Information Programme</b></p> <ul style="list-style-type: none"> <li>• Relevant working streams &amp; governance structures have been established and operationalized</li> <li>• A Project Implementation Plan was developed and presented to the Director-General of DHA</li> <li>• A draft RFI has been developed for the programme</li> </ul>	<p><b>Challenge:</b> Shortfall in funding to deliver on the phase 1 programme. Approximately R500m was made available from National Treasury.</p> <p><b>Mitigation:</b> BFI application was submitted to cover the gap of ~R700 million</p>

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