The Role of the dtic in the Free State Province

Presentation to the Select Committee On Trade & Industry, Economic Development, Small Business Development, Tourism, Employment & Labour

23 November 2021





OUTLINE

- Context
- ERRP (focusing on localisation)
- Sectoral interventions
- Spatial interventions

CONTEXT



Global:

 Recovery in global economy driven by growth in China and stimulus packages across the global North – but still the worst hit since World War II; resulting global asset boom fuelling high but very volatile commodity prices, which have been crucial for SA.

National:

Return of growth but damaged confidence due to July unrest; rebased economy now 11% larger at R5,5 trillion; increased vaccination; export boom due to commodity price rises – but as always, need to manage risks; pandemic has aggravated inequalities, although some mitigation from relief programmes.

Free State:

- The Free State economy, much like the South African economy, is characterised by structural challenges which derails growth, development and transformation.
- The Covid-19 pandemic sharply exposed these fundamental structural challenges. The SMME sector became the biggest victim of the effects of Covid-19.
- The Free State Provincial real GDP increased by 1.3% (q-on-q) in 2021Q2, following another positive growth of 3.5% in 2021Q1.
- Structure of provincial economy (Finance, Wholesale, Manufacturing, Transport & Mining) has mitigated economic impact but youth unemployment and poverty remain critical.

Free State metrics

- Free State has the second-smallest population in the country and the second-lowest population density. It covers an area of 129 825km² and has a population of 2 834 714 5.1% of the national population.
- Domestic investment increased by 0.9% in 2021Q2, recovering from a decline of 3.1% in 2021Q1, driven solely by private-sector investment which grew by 3.3%.
- The largest contributor to the improvement in investment by private business enterprises was investment.
- Investment growth in South Africa is projected to pick up in the second half of the year, driven by domestic demand and commodity exports.

- The Renergen Virginia Project was announced at the SAIC 2019 event with the investment value of R750mil- Renergen is a South African natural gas and helium producer.
- Renergen's sole asset is its 90% shareholding in Tetra4 which holds the first and currently only, onshore petroleum production right in South Africa (Virginia Gas Project) located in the Free State, in the in the magisterial district of Theunissen, first mover advantage on domestic distribution of natural gas.
- Business focus is on the commercialisation of the Virginia Gas Project-significant proven reserve estimates of both helium and natural gas



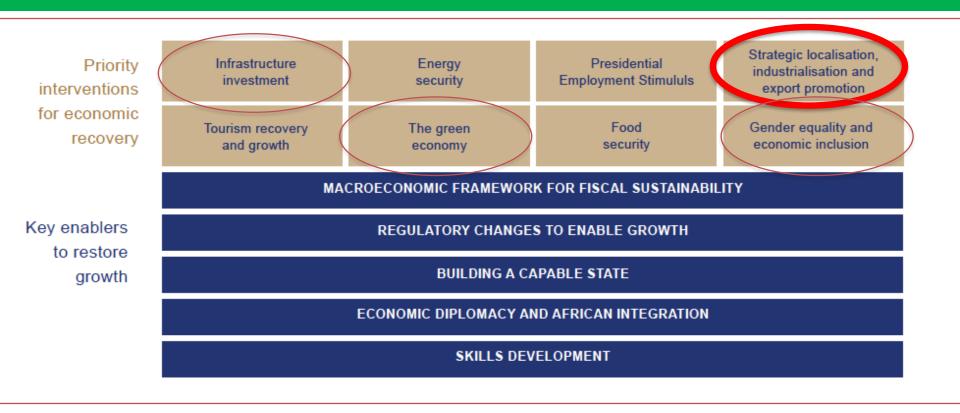
- The launch of the **Global Eco-Industrial Park Programme** funded by the Swiss State Secretariat for Economic Affairs (SECO),administered by UNIDO.
- Part of the dtic 's Eco-Industrial Programme to enhance the IPRP and SEZs.
- IPRP has to date approved R810 million for funding phase 1 and 2 of the revitalization of state-owned industrial parks in seven Provinces
- Since inception an estimated cumulative 65 000 people have been employed by companies operating within the 12 industrial parks that went through Phase 1 revitalization.
- Free State- "Phuthaditjhaba Industrial Park"
- Aims to develop the green economy support tools for the sustainability of industrial complexes.



ECONOMIC RECONSTRUCTION & RECOVERY PLAN



ECONOMIC RECONSTRUCTION AND RECOVERY PLAN (ERRP)

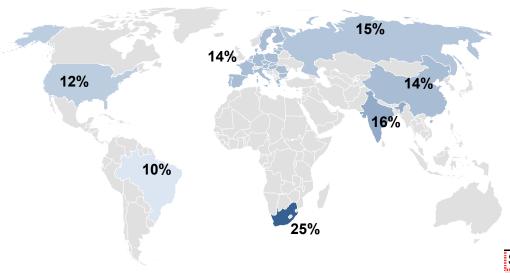


Strategic Localisation:

De-industrialisation has led to increased imports

Imports as share of GDP

Imports as share of GDP



Our propensity to

import is out of line
with our

developmental
needs.

Manufacturing share of GDP

manarastaring chars or est
11,8%
19,0%
21,0%
27,0%
19,5%

^{*} EU import ratio based on imports from outside EU

Strategic Localisation: Improving the industrial base for local AND export markets

- R1,1 trillion: SA non-oil imports in 2019
- Social Pact to drive a localisation of R200 billion over five years
- Localisation aims to build dynamic firms and local industries' capabilities as suppliers to domestic, regional and global markets
- 42 products identified across sectors including: agro-processing; health-care; basic consumer goods; capital goods; construction-driven value-chains; and transport rolling stock
- **CEO champions** from the private sector have been identified to drive implementation for localisation across the 42 products identified
- **Private sector funding** of R355 million raised for technical support (experts, supply-chain managers, etc) to implement of strategic localisation initiative
- Industry masterplans will further support efforts to industrialise key sectors

Strategic Localisation: 2020 and 2021 Performance

- 2020 Exports: Exports increased 7.5% y/y to R1.4 trillion in 2020, driven by increases in exports of agricultural products, chemical PGMs
- 2020 Imports: Imports decreased 11.8% y/y to R1.1 trillion in 2020, driven by declines in importsproducts and of crude oil, motor vehicles and components, and consumer electronics
- 2020 Trade balance: South Africa's trade surplus increased to R270 billion in 2020, the highest on record
- The increased trade surplus resulted in a current account surplus for the first time in nearly 20 years.

LOCALISATION – BASE FOR INDUSTRIALISATION

List of Products

The following products, contained in the Nedlac Economic Recovery Plan, will form the list where immediate efforts will be undertaken, with parties adding to the list as further products are identified.

Agro-processing value chain, including

- poultry,
- sugar
- edible oils
- grains
- juice concentrates
- dairy products

Health-care value-chains:

- pharmaceuticals
- personal protective equipment
- ventilators
- other medical equipment

Basic consumer goods:

- clothing
- footwear
- home textiles
- televisions
- mobile phones
- other consumer electronics
- fridges,
- stoves
- washing machines
- household hardware products
- packaging material
- Furniture
- wheelie bins
- personal care products
- cleaning materials

Capital goods

- agriculture equipment
- mining equipment
- green economy inputs and components
- digital infrastructure inputs, components and equipment
- oil and gas value chains

Construction-driven value-chains, such as

- cement
- steel products
- plastic piping
- steel piping
- engineered products
- earth-moving equipment.

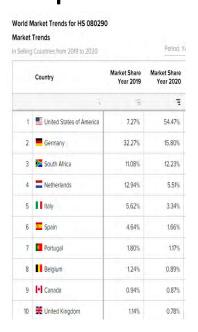
Transport rolling stock:

- · automobile assembly
- auto components
- rail assembly
- rail components
- fire engines
- boats.

Strategic Localisation: 2020 and 2021 Performance

SA export partners for grapes, avocados and citrus

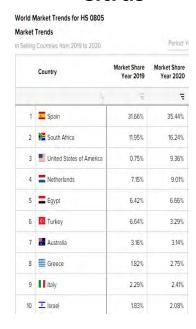
Grapes



Avocados



Citrus



SECTORAL INTERVENTIONS



Gas Chemicals and Plastics

- The Gas Chemicals & Plastics sector linkages is important for industrialisation and is largely an upstream sector to the mining, manufacturing & agricultural industries
- Has the long term potential to become a game changer given recent oil & gas finds in the sub-region BUT requires immediate policy certainty & incentives given long term investment decisions
- SA has the largest & most sophisticated chemicals industry in Africa & can significantly increase its exports in the region
- Plastics industry is relatively labourintensive and could support entry of SMMEs
- Import replacement strategy for plastics.

The RenergenVirginia Project

Phase 1

- Investment Value R750mil with total spent to date is R500mil or 65%
- Number of jobs to be created (74 Direct jobs and 500 Indirect jobs)

Pipeline

- Pipeline will be built to join 12 existing wells to reticulate gas to plant for processing
- 52km in total, buried 1.5m underground out of HDPE

Plant

Natural gas and helium liquefiers, assembled into 23 shipping containers

Progress to date:

- Renergen has commenced construction on a 52km pipeline to join the wells which joins the gas wells and reticulates to a centralised point.
- Construction commenced in September 2019, and is around 65% complete.
- They have ordered a modular liquefaction facility which is almost complete, with components already on a ship to South Africa. The plant will be the country's first commercial LNG plant, and make SA the 8th country in the world to begin supplying helium globally. Helium is a highly strategic commodity and was declared the 2nd most critical element to US National Security in 2018, and are funded by the US.

Gas Chemicals and Plastics

Phase 2

- Following the identification of a sandstone trap in excess of 90km2and over 100m thick in areas, a horizontal well will be drilled, commencing from 2022.
- In September 2016 a vertical well, named 2057, was drilled and a discovery of gas with 11% helium was made.
- The results from drilling the horizontal well will be used to determine the extent of the sandstone reserve and to size Phase 2 accordingly.

Business verticals – "Wellhead to tank"

Ownership of end user in 4 market segments

Power generation

- Gas to power using small generators, with heat recapture for steam generation for clients
- Combined sale of heat and power yields highly competitive economics

Industrial users

Substitution of significantly more expensive Liquid Petroleum Gas (LPG) with natural gas

Typically very large-scale users of energy for thermal purposes

Liquid fuel substitution

Dual fuel applications for trucks and busses, reducing emissions and running costs

Tetra4 will establish refilling depos in Johannesburg, Cape Town, Durban, Bloemfontein, Harrismithand Port Elizabeth

Helium

Significant export potential given South Africa's strategic location Helium can only travel for 45 days in containers

Agriculture and Agro-processing

- The sector has grown to be one of the largest manufacturing subsectors and the largest employment subsector of manufacturing
- Key value-chains & products: Meat/beef, soya products, citrus, berries, and nuts
- Key new markets (exports): China, Middle East/Halal market, India, and Russia
- Critical to manage backward linkages to support decent work & smallholders in agriculture
- High volume agro-food imports that can be substituted with locally produced goods e.g. soybeans
- Develop interventions including trade measures to support the sugar and poultry sectors.

- Agriculture & Poultry Master plan
- Issues to note:
- Xhariep District
 Municipality –Agriculture
 boosts 19% of the
 economic activity, Only 3%
 Manufacturing activities.
- Followed by Thabo
 Mofutsanyane 13 %
 Agriculture activities.

Mining Sector: Minerals and Beneficiation

- Significant R&D, technology and capability applications, increased exports and employment
- Judicious use of export taxes as per the Manifesto, to support beneficiation & protect infrastructure (scrap metal)
- Coordination by DMR and DTI of licensing to unlock downstream beneficiation opportunities
- Enhance our sustainable local manufacturing sector for platinum based fuel cells and their sub-components
- Implementation of a sustainable end-to-end local silica solar power manufacturing industry
 - Contribute to the renewable energy mix with abundance of high grade crystalline quartz deposits II. Local silica wafer industry will result in significant job creation
- Develop a local battery manufacturing industry to support utility-scale & automotive energy storage
- Rejuvenation of the Iron Ore and Steel Beneficiation Value Chain
- Rejuvenation of the Polymer Beneficiation Value Chain.

- Issues to note :
- Lejweleputswa District
 Municipality 42% mining,
 but only 3 % manufacturing
 activities happening.

Fezile Dabi District
 Municipality – 19% Mining
 and 26% Manufacturing.

IMPACT INDICATORS

Integrated Industrial Finance Report for 2021/22 Financial Year (DTIC, IDC & NEF)



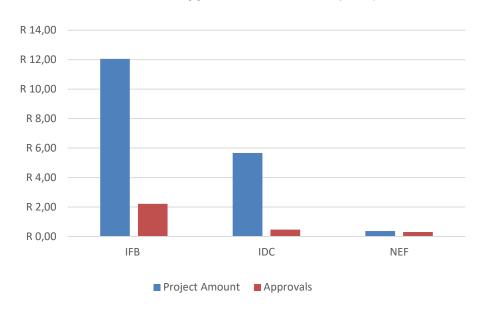




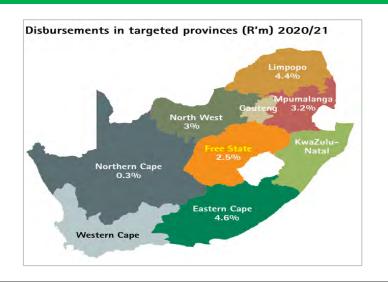
IFB, IDC and NEF Approvals

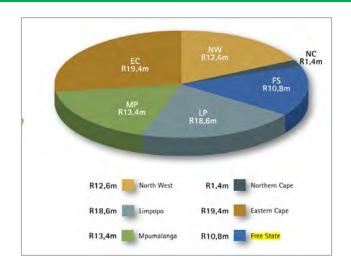
- The Industrial Finance Branch of the dtic, the Industrial development Corporation (IDC) and the National Empowerment Fund (NEF), have been in the forefront in offering rural support.
- Total support to rural districts of SA in 2020/21 financial year amounted to R3bn with the Industrial Finance Branch of the dtic contributing R2.22 billion in terms of approvals, IDC R470 million and NEF R31 million.
- This R3 billion from government leveraged R18bn worth of investment, IFB contributed 67% equivalent to R12bn, followed by IDC at 31% (R5.7bn) and NEF at 2% (R0.4bn).
- The data excluded all the Metropolitan municipalities.





NEF – WOMEN EMPOWERNMENT FUND





- The Women Empowerment Fund comprise of Businesses that are 51% or more owned and managed by black women.
- The NEF remains committed to increasing the value of the collective portfolios in the six targeted provinces of North West, Northern Cape, Free State, Limpopo, Mpumalanga and Eastern Cape.
- A total of R76.2 million was invested in the six provinces representing 18% of annual disbursements.
- Free State 2.5% total investments (10.8 million).

NEF-DRIVEN PROJECTS –FS

Project /Company Name	Date of Approval:	Total Investment	Jobs Retained:	Potential Jobs Created:
Brand Contact Consultant	2021/22	R5 000 000,00	0	15
Forever Mushrooms	2020/21	R6 229 295,00	12	0
Nomnga Properties	2020/21	R28 907 537,00	59	0
Grand Total		R40 136 832,00	71	15

NEF DRIVEN PROJECTS (EXAMPLE)

FOREVER MUSHROOMS

Owner:	Percy Karabelo Raseobi
Location:	Botshabelo
Province:	Free State
Ownership:	Woman and youth- owned
Employment opportunities:	12
Funding type:	NEF loan



- Forever Mushroom is 100% owned by Percy Karabelo Raseobi and is a start-up that plans to grow mushrooms in a controlled environment. The company is based at the Free State Development Cooperation Industrial Park in Botshabelo.
- The project is a collaborative venture between the University of the Free State (UFS) and Forever Mushrooms in order to commercialize an opportunity which UFS has been exploring on a small scale.
- Forever Mushrooms will grow and sell the exotic mushrooms which are used for Medicinal use and home consumption. UFS will provide the spawns, training and ongoing technical and business support.
- The business was funded by the NEF to the tune of R6,22 million with shareholders contributing R125 000 and Department of
 Economic ,Small Business Development, Tourism and Environmental Affairs (DESTEA) providing a grant of R320 000 that will help pay
 back the NEF loan.

DTIC SKILLS PROGRAMME

- The role of the dtic Skills for the Economy unit is to advocate and facilitate the implementation of evidence-based and demanddriven skills policies, instruments and programmes that are responsive to the economic needs expressed in the Master Plans, SEZs, the development of Black industrialists and contribute towards greater productivity and competitiveness of the SA economy.
- This is achieved through development, implementation and advocacy of skills instruments and programmes in support of industrialisation, regional industrial development and inclusive economic growth.

DTIC SKILLS PROGRAMME HIGHLIGHTS- FREE STATE

- ☐ Itukise Internship for Unemployed Graduates Programme (Itukise)
- To prepare unemployed graduates for employment by providing them with much-needed work experience through a twelve (12) month internship in private host enterprises with the capacity to expose them to appropriate modalities of work experience for their employability.
- Itukise phase two started its implementation in 2019 in all the provinces, with aim to prepare, at the minimum, 1 200 interns over three (3) years. To date the programme has cumulatively placed 1 211 interns at private host enterprises to gain work experience.
- In the Free state province, a total of 117 interns placed with private host to receive work experience related to field of qualification, to enhance their employability.

Itukise Internships For Unemployed Graduates						
Interns placed (12 months placement period)						
		Placement Demographic				
Province	Target	Total Placed	Males	Females		
FS	40	117	36	81		
Total	40	117	36	81		

EQUITY-EQUIVALENT INVESTMENT PROGRAMME

Equity Equivalent Investment Programme

 Equity Equivalent entail a public programme/scheme and/or private programme/scheme designed to fulfil the requirements of B-BBEE ownership. Through EEIP investments focusing on skills development, enterprise and supplier development, research and innovation have been rolled for the benefit of South Africans, in particular youth.



- ☐ The following are the multinationals that have been approved, namely:
- Amazon South Africa
- Dell Technologies South Africa
- Samsung Electronics South Africa
- Turner & Townsend South Africa
- Caterpillar Inc.
- Frigoglass South Africa (Pty) Ltd
- Microsoft Corporation
- Pharmadynamics South Africa
- JP Morgan Chase Bank South Africa
- Mediterranean Shipping Company
- Ford Motor Company
- Isuzu Motors South Africa
- BMW South Africa
- Mercedes-Benz South Africa
- Volkswagen South Africa
- Nissan South Africa
- Toyota South Africa

KEY HIGHLIGHTS -EQUITY-EQUIVALENT INVESTMENT PROGRAMME IN FREE STATE PROVINCE

DELL EEIP

- Khulisa Academy has produced approximately 76 well rounded and certified individuals with skills in ICT and several other High Performance computing focused training.
- Since inception, the academy has grown in popularity within the IT industry which has led to a number of second year students being headhunted by IT industries. To date permanent employment for 44 students has been secured.
- In the Free State Province, a total of 2 black males who displayed an entrepreneurial spirit and with the start-up of their own businesshave been equipped with support to kick start their innovative ideas, including mentoring from Dell. To date, Dell supported and incubated 3 businesses.

SPATIAL INTERVENTIONS



DISTRICT DEVELOPMENT MODEL (DDM) DASHBOARD

* To date FS has attracted only 2.7% of the total national investment!

Investment Flows per District

Municipal District	2018	2019	2020	Total Flow
Mangaung Metropolitan Municipality		R13 868 946,30	R508 000 000,00	R521 868 946,30
Thabo Mofutsanyane District	R174 000 000,00	R21 567 863,47	R42 712 971,85	R238 280 835,32
Lejweleputswa District Municipality		R700 000 000,00		R700 000 000,00
Fezile Dabi District Municipality		R32 000 000,00	R45 635 879,00	R77 635 879,00
Free State				
Total per Year	R174 000 000,00	R767 436 809,77	R553 635 879,00	R1 537 785 660,62
Municipal District	2018	2019	2020	Total Flow
National flow per year	R44 828 000 000	R7 701 000 000	R5 440 000 000	R57 969 000 000

SPECIAL ECONOMIC ZONES (SEZs)

- The Free State based **Maluti-A-Phofung SEZ (MAPSEZ**) is one of South Africa's 10 (ten) designated SEZs, which are located across 7 (seven) of the country's nine provinces.
- The zone is a 1,000-hectare brownfield development that is situated approximately 10 kilometers outside the town of Harrismith, at the juncture of the N3 and the N5 national routes, on the old industrial site of Industriqua.
- The project was developed by the Free State Development Corporation (FDC) in conjunction with **the dtic** to promote regional growth and industrial development in the province. The original business plan was presented to the Manufacturing Development Board in March 2014 and, with Cabinet approval, designated by the Minister of Trade and Industry in September 2015 (under the Manufacturing Act of 2000).
- Pursuant to the introduction of the Special Economic Zones Act (Act 16 of 2014) that came into operation in February 2016, the zone now falls under this legislation and its licenses have since been re-issued under the SEZ Act (Act 16 of 2014). The new SEZ License and SEZ Operator Permit were handed over to the FDC and MAPSEZ (respectively) on the 25th of April 2017.

MAP SEZ's VALUE PROPOSITION & SECTOR FOCUS

- MAPSEZ is anchored around the establishment of a logistics hub given its proximity to road and rail links and strategic location on the Durban – Witwatersrand corridor and its proximity to the Bloemfontein – Cape Town corridor.
- The zone operators are gearing MAPSEZ to leverage on the traffic flow of goods to and from the Durban port by offering alternate storage, staging, packaging and agglomeration services to major users (with the view to relieving some of the pressures on the Durban Port).
- The zone seeks to further augment its economic activities by deliberately targeting industries such as Agro Processing (with a special emphasis on Food Processing), Automotive, and other light industry manufacturing (e.g. Medical Equipment, Clothing and Pharmaceuticals).

PERFORMANCE UPDATE: INVESTMENT ATTRACTION & JOB CREATION

- Despite the COVID challenges, the implementation of the new SEZ approach has the SEZ outlook remains buoyant.
- The SEZ programme has to date attracted 239 investors, 160 of these investors are already operational with investment value of R21.9 billion, and creating 19134 direct jobs
- performance due to governance challenges affecting the SEZ.

 The dtic has deployed the National SEZ PMU at IDC and DBSA to assist with

However, MAPSEZ has been identified as one of the zones displaying lacklustre

- construction of top structures for secured investors in the SEZ.

 To date, MAPSEZ has been able to operationalize 4 investments with a combined value of R1,025 billion. 80 direct (or sustainable) jobs have been created by the zone to date.
- The DM of the dtic is leading a team with the MEC of Economic, Small Business
 Development, Tourism and Environmental Affairs in Free State to resolve all the
 challenges affecting the zone and the expedite the implementation thereof.

PERFORMANCE UPDATE: INVESTMENT ATTRACTION & JOB CREATION Cont...

Operation	Investment	Operations	Sector	Jobs Created		Land	
al Investors	Value (R Millions)	Commence ment Date		Direct (Sustained) jobs	Constructi on Jobs	Occupi ed by Tenats (Ha)	Country of Origin
Steynburg Pork	450	September 2020	Agro- Processin g	31 Created (75 Projected)	48	1,6	Denmark
Kevali Chemicals	383	2018	General Processin g	22 Created (126 Projected)	TBC	0,82	South Africa
No.1 Hair Industry	114	September 2020	Beauty Industry	2 Created (140 Projected)	TBC	11,01	South Africa & South Korea
Intabazw e Agri	78	June 2020	Warehou sing & Logistics	25 Created (50 Projected)	26	7,75	South Africa
Total	1, 025 Billion			80 Created (391 Projected)			

PERFORMANCE UPDATE: INVESTMENT ATTRACTION & JOB CREATION Cont...

Investors (Pipeline)	Projected Investment (R Million)	Expected (or Pledged) Direct jobs	Sector
NNTA Investment	R 229 000 000,00	66	Agro-Processing
Lechamo Holdings	R 57 000 000,00	150	General Processing
Intabazwe Minerals	R 33 000 000,00	20	Warehousing
Izinga Pipes (PTY) Ltd	R 285 000 000,00	39	General Processing
Zuko Foods	R 15 000 000,00	20	Agro Processing
Lechamo Holdings	R 57 000 000,00	150	General Processing
Molend Tech	R 945 000 000,00	50	General Processing
Lightfield - Pharm	R 563 000 000,00	57	Pharmaceutical
Afristarch	R 680 000 000,00	54	Agro-Processing
Eggnificent	R 1 484 000 000,00	57	General Processing
VIP Liqour	R 215 000 000,00	25	Beverage Processing
Dept Rural Development and Land Reform	R 80 000 000,00	130	Agro-Processing
Subtotals	R4 643 000 000	818	

INDUSTRIAL PARKS REVITALISATION PROGRAMME

- The Industrial Parks Revitalisation Programme (IPRP) is positioned to promote inclusive development through the enhancement of industrial infrastructure delivery in the lagging regions. These regions are inclusive of the rural and township economy, former homelands and urban industrial areas.
- The programmes implemented include infrastructure delivery, digital transformation and policy development.
- Eight industrial parks were under construction during the 2020/2021 FY.
- DTIC rolling out digital hubs in various industrial
- The Digital Hubs Programme is aimed at connecting communities through the digital economy of ICT related skills business development support service, access to work spaces and training in cross cutting skills development.

INDUSTRIAL PARKS REVITALISATION PROGRAMME

- 2 Industrial parks in the FS Province are in the Industrial Parks Revitalization Programme, namely:
- Botshabelo: Currently in phase 2 of construction, R 74 million spent to date,
 150 construction jobs created
- Phuthaditjhaba: CIP application in process for phase 2 construction, R 50 million spent to date, 85 jobs construction jobs created
- The first Digital Hub has been established at the Botshabelo Industrial park
- Phuthaditjhaba is one of 3 parks in the country-level intervention of the Global Eco-Industrial Parks Programme (GEIPP) of UNIDO and also receives support from NCPC through the Eco-Industrial Programme (EIP) for industrial parks which involves RECP assessments, industrial symbiosis, awareness raising and capacity building.

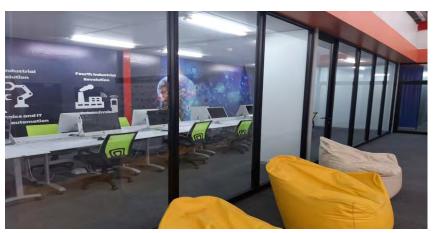
BOTSHABELO DIGITAL HUB

Before renovations





After renovations





THANK YOU

