

invest SA



Inspiring new ways

Investment Project Book 2025

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MINISTERS

Foreword



South Africa, a land of abundant resources, strategic geographic advantage, and vibrant potential, stands at the forefront of Africa's economic evolution. This publication is an invitation to explore a nation, united in its diversity, uniquely positioned to deliver growth, innovation, and transformative returns for investors committed to shaping the future of the continent and beyond.

As a gateway to Africa's vast opportunities, South Africa offers more than a relatively stable political climate and a robust legal framework—it provides a dynamic ecosystem where innovation thrives, industries diversify, and global partnerships flourish. Our nation's strengths lie in its world-class infrastructure, skilled workforce, and a financial sector ranked among the most sophisticated on the continent. Coupled with progressive trade policies and targeted investment incentives, South Africa is engineered to meet the evolving demands of global commerce.

The sectors driving our economy—from renewable energy and advanced manufacturing to digital technologies and agro-processing—reflect a strategic commitment to decarbonisation, diversification, and digitisation (3 Ds). These pillars of our industrial policy, 3 Ds, not only future-proof our economy but also align with global imperatives for sustainable and inclusive growth. By investing here, you join a network of local and international enterprises that continue to expand their economic footprint, leveraging South Africa's position as a springboard into regional and global markets.

This book is a collaborative effort, embodying the shared vision of government, industry, and civil society to cultivate an environment where businesses thrive. Through initiatives led by InvestSA, our national investment promotion agency, we streamline opportunities for foreign and domestic investors alike, ensuring seamless access to projects that drive both profitability and social impact.

South Africa's story is one of resilience and reinvention. By choosing to invest here, you are not only tapping into a market of unparalleled potential but also contributing to a legacy of progress that uplifts communities and accelerates Africa's rise on the global stage.

We invite you to turn the pages ahead with curiosity and ambition. Let this guide-book be your compass to the opportunities that await, and to a partnership that promises mutual growth, innovation, and enduring success.

SOUTH AFRICA:

At a glance



POPULATION

63mil



YOUTH POPULATION (%)

33,1%
of total population



GDP (USD)

\$ 410, 13bn
(2027)



CAPITAL CITY

Pretoria
(Tshwane)



PROVINCES

9
provinces



LAND AREA (SQ KM)

1,221,037



COASTLINE (KM)

2,798 km



GDP PER CAPITA (USD)

\$6 377,07
per capita (2023)



FDI (USD)

\$3,44 bn
(2022)

Source: Statistics SA, 2023

1.

South Africa remains the most advanced and diversified economy on the African continent with world-class industrial infrastructure. Boasts sophisticated financial, legal and telecommunications sectors.

2.

South Africa is the multinationals' location of choice with 50% of the estimated 400 foreign multinationals in Africa head-quartered in S.A.

3.

Global corporates enjoy benefits of doing business in the country, with its growing and supportive ecosystem as a hub for innovation, tech and fintech.

4.

South Africa is one of the leading Cleantech FDI destinations on the African continent.

5.

Its strategic geographic location at the southern tip of Africa

positions it as an ideal gateway to the continent, providing access to a market of over one billion consumers through regional agreements such as the Southern African Customs Union (SACU) and the African Continental Free Trade Area (AfCFTA).

6.

Beyond the continent, South Africa's integration into the global economy is reinforced by its

membership in key international bodies, including the World Trade Organization (WTO), the G20, and the BRICS group of emerging economies.

Africa's leading investment destination of choice

INVESTMENT DESTINATION OF CHOICE FOR MULTATIONALS

South Africa remains the most advanced and diversified economy on the African continent with world-class industrial infrastructure.

It is the preferred investment destination with 50% of the estimated 400 foreign multinationals in Africa head-quartered in S.A.

South Africa has a host of investment incentives and industrial financing interventions that are aimed at encouraging commercial activity, infrastructure & green energy investments and its trade rules favour expansion into the AfCFTA.

DIVERSE MINERAL BASE FOR THE GREEN ECONOMY

The country hosts a diverse mineral base both tapped and untapped such as PGMs,

chromium, iron ore and base metals which are critical for the global transition into a green economy. Unlocking the potential presented by these natural resources is ushering in a new generation of the mining industry that is spurring the growth of the renewables energy and electric vehicles market.

INVESTMENT INCENTIVES TO DRIVE INDUSTRIAL DEVELOPMENT

South Africa has a host of investment incentives and industrial financing interventions that are aimed at encouraging commercial activity, infrastructure & green energy investments and its trade rules favour expansion into the AfCFTA.

South Africa's strong infrastructure-base supports industrial growth & development

Supported by structural reforms and the country's infrastructure investment plan, there are myriad investment opportunities aimed at expanding the infrastructure base of the country to spur economic growth and industrialisation.

ELECTRICITY

51.7 million kW

installed energy-generating capacity

- Mainly coal-fired power stations
- Deliberate move by government to utilise renewable energy sources (e.g. solar, wind)
- Ranked 10th among the G20 countries for renewable energy investment conditions

TRANSPORT AND LOGISTICS

144

airports with paved runways

20 986km

railways

750 811km

roads (paved: 158 952km)

8

ocean-economy seaports

- Durban
- Richards Bay
- East London
- Ngqura
- Port Elizabeth
- Mossel Bay
- Cape Town
- Saldanha Bay

AVIATION

- SA international airports ranked 1st, 2nd and 3rd in Africa (Skytrax).
- Excellent airport infrastructure

PORTS

- Home to two of the world's top container ports and two of the world's biggest dry bulk ports
- Durban is the largest port, with 2 770 000 TEU
- Mossel Bay allows imports of LNG
- Overall, South Africa is ranked 1st in Africa and 19th globally on the World Bank's Logistics Performance Index

ROADS

- Largest and longest interconnected road network in sub-Saharan Africa

TELECOMMUNICATIONS

South Africa has the highest number of secure internet servers in the region

90.80%

households using only cellular phones for communication

43.48 mil

internet users in South Africa

72,3%

internet penetration

98%

national population coverage for 4G/LTE

7.5%

increase of national SG population coverage from in 2021 to 20% in 2022.

LOGISTICS PERFORMANCE INDEX

LPI measures efficiency of creating reliable supply chain connections and corresponding structural requirements to facilitate logistic services, trade, transport infrastructure and border control.

1ST

SA rank on Africa continent

28TH

Global rank out of **139** countries

Country Investment Strategy

The South Africa Investment Strategy (SAIS) seeks to advance NDP target of 30% of gross fixed capital formation to GDP by 2030 by positioning South Africa as a key preferred African investment destination by:



Attracting and facilitating quality FDI into and DDI into the country



Ensuring investment entry is well-coordinated, anchored by quality institutions and supported by robust economic infrastructure networks.

The SAIS aims to achieve this through:



Catalysing a new investment model to address current under-investment;



Attracting quality greenfield and brownfield investments in high-impact, high-growth industries that will accelerate contributions to GDP and support the country's transition to a green economy;



Supporting existing industries and developing new industries with clearly articulated forward-looking goals;



Targeting areas of intervention, accompanied by the mobilisation of resources and improved institutional alignment and capacity, whilst ensuring policy certainty and coherence

CIS 5 FRONTIERS OF STRATEGIC INVESTMENT OPPORTUNITIES



Green hydrogen: becoming a leading global production site for Green Hydrogen and Green Ammonia as export commodities



Next gen digital: global business services and digital services, advanced manufacturing, deployment of transformative technologies & digital platforms



Special economic zones: anchoring advanced manufacturing and logistics networks taking advantage of South Africa's structural advantages on the continent



Industrial cannabis: as a legally and globally traded commodity is projected to be a \$278 billion global marketplace by 2028



Hyper scaling ESG impact investment: the Environmental, Social and Government impact investment fund marketplace exceeds \$30 trillion.

World-renowned development funding partners



DBSA plays a significant role in dealing with the challenges of climate change by **advancing sustainable and environmentally friendly infrastructure solutions.**

Climate finance solutions

The DBSA's climate finance initiatives involve managing facilities, funds and programmes that promote a greener economy, drive sustainability and development impact and support a Just Transition to a low carbon economy and adapts to climate change. It does so through the following:

Provide dedicated advisory, investment and implementation support to access funds from climate funding mechanisms and blend with DBSA funding

Support the progressive greening of DBSA's portfolio and enhance the resilience of infrastructure investments

Support government in meeting its Sustainable Development Goals (SDG) targets and commitments to Nationally Determined Contributions (NDC)

Green Fund

The Green Fund is managed by DBSA on behalf of Department of Environmental Affairs.

Current portfolio:

8 capacity development projects
16 R&D projects
31 Investment projects

Green Climate Fund

DBSA's accreditation to the Green Climate Fund gives access to funds for low-carbon and climate resilient development.

Current portfolio:

3 projects
6 being prepared for consideration

Global Environment Facility

DBSA is accredited for the Global Environment Facility.

Current portfolio:

6 projects approved
23 leading national

International Development Finance Club

DBSA is an active member of the International Development Finance Club – a network of 23 leading national, regional and international development banks that share a similar vision of promoting low-carbon and climate resilient futures.

Global Innovation Lab for Climate Change

DBSA is a member of the Global Innovating Lab for Climate Change, which supports the identification and piloting of climate change financing instruments and products to catalyse private sector money into Climate Change mitigation projects in developing countries.



INDUSTRY SECTORS

The IDC supports developmental goals across 10 industry sectors, namely: Agro-Processing & Agriculture; Automotive & Transport Equipment; Chemicals, Medical & Industrial Mineral products; Energy; Infrastructure; Machinery, Equipment & Electronics; Media & Audio-Visual; Mining & Metals; Textiles & Wood Products; Tourism & Services.



TAILORED FUNDING PRODUCTS

Through our Partnership Programmes department, we offer a variety of Tailored Funding Products that provide funding through niche and innovative financial programmes. All with the goal of maximising industrial development in Southern Africa.



ENERGY FUNDING

It is our goal at the IDC to assist SMEs in every way possible. The continuous load shedding has become a significant risk factor that threatens the survival of many small businesses. We have put together funding initiatives and energy solutions that will take the pressure off and allow business to thrive

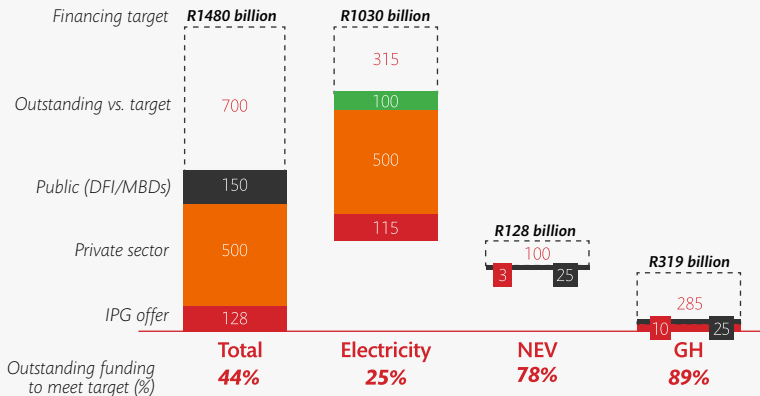
South Africa's Just Energy Transition (JET)

Attaining energy security: Building a pathway towards a low carbon and climate resilient society

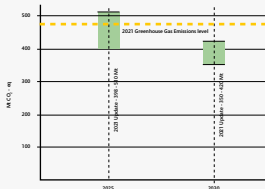
The JET investment plan represents the building blocks of managing South Africa's just energy transition and climate response. The JET IP is an invitation to international and local investors and donors to partner with South Africa on its just energy transition journey. The following principles guide the quality of finance that South Africa is seeking for the JET IP:

-  **1.** Finance should follow UNFCCC principles for developed countries support to developing countries
-  **2.** Finance should be additional to existing climate and development commitments
-  **3.** Financing instruments should reflect South Africa's unique needs as reflected in the JET IP
-  **4.** Financing of the just transition components should be mainstreamed
-  **5.** Sovereign debt terms should be more attractive than those that could be secured in the capital markets
-  **6.** Partnerships with the private sector should foster appropriate risk sharing with governance and safeguards being in place

Projected JET IP funding needs and estimated availability per source, 2023-2027



To decarbonise the economy to within the target range by 2030
350-420 Mt CO₂ eq



requires initial funding of **R1.5 trillion over five years 2023 - 2027**

from multiple sources

- Developed countries
- Private sector investors
- Development finance institutions
- Government
- Philanthropies
- Multilateral development banks

in three priority sectors

-  Electricity
-  New Energy Vehicles
-  Green Hydrogen

and two cross-cutting areas

-  Skills development
-  Municipalities

JET Investment Plan replete with opportunities

South Africa's growing green economy is driving FDI and stands as a key destination for Cleantech Foreign Direct Investment (FDI) on the continent. It ranks as the third-largest recipient in Africa, following Egypt and Morocco.



The success of the JET investment plan is dependent on the scale and nature of financial support that South Africa can secure from the international community to complement domestic resources.

Funding requirements 2023 – 2027	ZAR billion	(\$billion)
Electricity sector	711.4	(47.2)
New Energy Vehicle (NEV) sector	128.1	(8.5)
Green Hydrogen (GH ₂) sector	319.0	(21.2)
Skills development	2.7	(0.18)
Municipal capacity	319.1	(21.3)
TOTAL	1 480	(98.7)



Renewable Energy Independent Power Producer Procurement Programme (REIPPPP)



R228.8bn

Investment attracted from projects that reached financial close



97

IPP that reached financial close



7 090MW

Electricity capacity available from projects that reached financial close



6 105MW

Electricity capacity delivered to the grid by operational IPPs



of those IPPs have started commercial operations



91 580GWh

Energy generated by renewable energy sources



69 554

Employment opportunities SA citizens during construction and operations



R2.3bn

Actual contribution realised for socio-economic development



R0.7bn

Actual contribution realised for enterprise development



R64.8bn

Actual local content spend (49% of total project value realised)



37.3%

Shareholding by black South Africans

9.3%

Shareholding by local communities



R82.1bn

Actual BBBEE spend (83% of total procurement)

27.6 million households

Can be provided with enough energy generated by these projects

93.0 Mton CO₂

Electricity generated by these projects are offsetting

109.9million kilolitres

Water savings realised by these projects

South Africa's sophisticated financial markets

South Africa's financial markets are regarded as some of the most sophisticated among emerging markets. A sound legal and regulatory framework governs financial institutions and transactions.

ABSA's Financial Markets Index rates South Africa 1st in terms of market depth, access to foreign exchange, market transparency, tax and regulatory environment. The Johannesburg Stock Exchange (JSE) is the largest stock exchange on the African continent with a market capitalisation of \$987.24 billion (2023).

SA PRIVATE EQUITY FIRMS INVESTING FOR GROWTH

Private equity and venture capital play an important role in our economy, by helping companies to grow, and in turn, create jobs. Beyond supporting businesses with growth capital, private equity firms actively help companies develop good governance, innovate and access new markets.

FUNDS UNDER MANAGEMENT

R213.3bn

FUM increased as at 31 December 2022 from **R199.4bn*** at 31 December 2021.

R48.6bn

Undrawn commitments (dry powder) at **R48.6bn** represented **23%** of FUM, increasing by **R9.1bn** from **R39.5bn*** at 31 December 2021.

The increase in FUM was driven by independent fund managers, which increased their FUM from **R132.7bn*** at 31 December 2021 to **R151.9bn** at 31 December 2022.

INVESTMENT ACTIVITY

R15.2bn

PE investments in 2022 (**R10.6bn** for new and R4.6bn for follow-on investments), slightly up from **R14.9bn** in 2021.

52%

Proportion of investments (by number) made by PE firms with FUM of less than **R500m**, thus suggesting that activity was most active in the smaller deals.

189

The number of investments, up from 135 in 2021 and 169 in 2020, although still below pre-Covid levels in 2016 to 2019.

52%

Expansion and development investments were again the most prevalent (up from **57%** of deal values in 2021). Replacement capital and buy-outs represented **25%** of the value of investments (down from **39%** in 2021).

By deal volumes, the information technology and energy & related sectors were most attractive (each representing 11.1 % of 2022 investments), with investments in IT businesses increasing from only 3.7% of 2021 investments.

36.3%

By sector, investments in the infrastructure (36.3% of deal value) and energy & related (16.7%) sectors attracted the largest portion of capital once again, up from 20.4% and 11.0% respectively. Investments in these sectors were also largely outside of South Africa (i.e. in the rest of Africa).



INFRASTRUCTURE South Africa

Infrastructure South Africa is a catalyst for closing the infrastructure investment gap and meeting the infrastructure target set out in the National Development Plan and provides best practices in project preparation, leadership on infrastructure planning, technical and financial support for nationally prioritized infrastructure projects and programmes.

Infrastructure South Africa (ISA) has unveiled 12 “infrastructure projects for preparation” for the 2024/25 financial year at the *Sustainable Infrastructure Development Symposium South Africa 2024*:

1.

Liquid natural gas import terminal in KwaZulu-Natal – **R2.1 billion**

2.

Durban Container Terminal (DCT Pier 1) project in KwaZulu-Natal – **R38 billion**

3.

Berth A100 liquid bulk project in the Eastern Cape – **R2.2 billion**

4.

Ukuvuselela rail project between Gauteng and the Eastern Cape, aimed at assisting car and component manufacturers and exporters – **R7.5 billion**

5.

Refurbishment of health facilities – **R16 billion**

6.

Schools project in Limpopo and KwaZulu-Natal – **R8.5 billion**

7.

Rooiwal Phase 2 wastewater project in Tshwane – **R35.8 billion**

8.

Eskom Mossel Bay gas project – **R30 billion**

9.

Eskom Tubatse pumped hydro storage project – **R35.8 billion**

10.

The **multibillionrand** Namakwa SEZ in the Northern Cape.

11.

Amathole water bulk supply augmentation project in the Eastern Cape – **R5.5 billion**

12.

The **R8.4 billion** Nkhomazi Special Economic Zone (SEZ) in Mpumalanga.

South Africa's Hydrogen Fund driving the development of the Hydrogen Valley & Hubs

'SA-H2 Fund' (SA-H2). SA-H2 is an innovative blended finance fund, that will facilitate and accelerate the development of a green hydrogen sector and circular economy in South Africa.

The Fund is supported by Climate Fund Managers (CFM) and Invest International B.V. (II) of the Netherlands, Sanlam Limited of South Africa (Sanlam), the Development Bank of Southern Africa (DBSA), and the Industrial Development Corporation of South Africa (IDC), in collaboration with other strategic partners.

The SA-H2 Fund initiative will aim to secure US\$1 billion in funding, to be raised directly in South Africa or indirectly via other channels. A partnership of private and public enterprises, as well as international and domestic institutions, SA-H2 reflects the immense potential of blended finance in tackling the climate crisis. Its focus will be to fast-track the mobilization of funding towards the development and construction of large-scale green hydrogen infrastructure assets across South Africa.

1.

Three catalytic green hydrogen hubs have been identified in the Valley: In Johannesburg hub (JHB hub with spokes extending to Rustenburg and Pretoria); Durban hub, encompassing both Durban and Richards Bay, and a third hub encompassing Mogalakwena and Limpopo

2.

Hydrogen demand in these hubs could reach up to 185 kt H₂ by 2030, or 40% (low case) to 80% of demand (high case) of the draft national hydrogen roadmap¹.

3.

By 2030, green H₂ LCOH production is expected to be ~\$4 per kg H₂ across hubs, and is still more expensive than gray hydrogen, with a green premium of \$2–\$2.5.

4.

The Hydrogen Valley has a strong potential to contribute to the just transition and could potentially add 3.9–8.8 bn USD to GDP (including indirect contributions) by 2050, while also creating a total of 14,000 – 30,000+ jobs per year.

5.

Key regulatory and policy enablers are required to launch hydrogen projects in the Valley and assure a just transition in the Hydrogen Valley.

6.

Nine promising pilot projects have been identified to kickstart the Hydrogen Valley in the mobility (mining trucks, buses), industrial (ammonia/chemicals) and buildings (fuel cell power) sectors.

SEZ Value proposition

The SEZs and Industrial Parks are defined as geographic areas in the country which contain a level of focused institutional capacity and committed state action, as contained in the SEZ Act No. 16 of 2014 and various Regulations and Guidelines. This ability and capacity can allow zones and parks to overcome structural challenges more efficiently, particularly in terms of attracting Foreign Direct Investments, diversifying local economies and more concerted stakeholder collaboration.

The SEZ programme is a tool for the attraction of foreign direct investment that directly create employment. They do so by taking into consideration an investor's preferences, then tailoring their investment packages to meet as many requirements as possible. Consequently, they are capable of overcoming a number of challenges that are faced in the general investment climate. Zones offer an attractive business environment within a demarcated physical space, which is not inhibited by the challenges faced by the general economy. South African zones offer investors a safe zone to operate from, where infrastructure and serviced land within the zone are secure complemented by a suite of fiscal incentives for qualifying companies in six of our zones.. The current suite of incentives consists of tax incentives administered by SARS; grants administered by the dtic and various incentives offered by the municipalities where the SEZ is located may also be available. The incentives available to qualifying businesses in the SEZs are:

Corporate Income Tax Incentive

Businesses located in a SEZ may be eligible for a reduced rate of 15%.

Building Allowance:

Businesses and operators may be eligible for the building allowance, which allows companies to reduce their taxable income linked to expenditure incurred on the cost of any new or unused building or improvement. This allowance may be claimed at a rate of 10% per annum.

The Employment Tax Incentive

(ETI) allows employers hiring people, regardless of age, to reduce the amount of employees' tax paid by the employer while leaving the wage received by the employee unaffected. This creates a cost-sharing mechanism between employers and government in respect of employee wages.

Customs and Excise Incentive

Goods imported into a customs-controlled area (CCA) situated in a SEZ are relieved from applicable import customs, excise duties and economic restrictions while stored and undergoing manufacturing (which includes processing, cleaning and repair) within the CCA. Goods manufactured in the CCA and subsequently supplied to the local domestic market are subject to the payment of import customs and excise duties that were relieved at the time of importation on the imported goods (raw materials). The liability for customs and excise duties, which enjoyed relief on imported goods used in manufacturing in the CCA, cease upon subsequent export.

Value-Added Tax Incentive

Goods and services that are acquired from the domestic market are charged with VAT at 0% and the import of goods is exempt from VAT. Applies only in the CCA of the SEZ.

Other forms of assistance include more value-added services that promotes the "ease-of doing business" in SA; less cumbersome bureaucratic procedures and controls; more coordinated policy directives; and stronger administrative structures.

Additionally, SEZ operators are steadfastly creating a business environment with links to the local economy and through the provision of a relevant skills base from which investors can draw from. Reliable electricity and water supply is an additional drawcard, which cannot be guaranteed by the broader investment climate. Overall, SEZs play a huge role in minimising the total risks faced by an international investor into South Africa and the African continent.



SEZ/IDZs	District Manucipalities	Province	Sectors
Atlantis SEZ	City of Cape Town Metropolitan Manucipality	Western Cape	Green Technologies, alternative waste management energy efficient technology, alternative green materials and processes, clean technologies. Gas
Coega	Nelson Mandela Bay Metropolitan Municipality	Eastern Cape	Automotive, BPO, Chemicals, agro-processing, aquaculture, metals logistics.
Dube TradePort	eThekwinini Metropolitan Municipality	KwaZulu -Natal	Aerospace and aviation-linked manufacturing and related services; Agriculture and agro-processing, including horticulture, aquaculture and floriculture; Electronics manufacturing and assembly; Medical and pharmaceutical production and distribution; Automotive component manufacturing.
East London IDZ	Buffalo City Metropolitan Municipality	Eastern Cape	Manufacturing- automotive, agro process and aquaculture
Maluti-a-Phofung SEZ	Thabo Mofutsanyane District Municipality	Free State	Logistics, agro-processing, pharmaceuticals; general manufacturing (light and medium)

SEZ/IDZs	District Manucipalities	Province	Sectors
Musina-Makhado SEZ	Vhembe District Municipality	Limpopo	Light industrial, Agro-processing/dry port; metallurgical and mineral beneficiation complex. Possible third site to focus on petrochemicals
Namakwa SEZ	Namakwa District Municipality	Northern Cape	Mineral beneficiation, manufacturing and agro processing.
Nkomazi SEZ	Ehlanzeni District Municipality	Mpumalanga	Primary agriculture, Agro-processing, food and beverage, aromatic plants, nutraceuticals, fertiliser, meat, leather products (citrus, sub- tropical fruit, nuts etc)
OR Tambo IDZ	Ekurhuleni Metropolitan Municipality	Gauteng	High value low weight-including agro-process; PGMs, tertiary metals. Precious metals and minerals beneficiation
Tshwane Automotive SEZ	City of Tshwane	Gauteng	Automotive component manufacturing
Richards Bay IDZ	City of uMhlathuze	KwaZulu-Natal	Minerals storage and beneficiation, manufacturing and renewable energy.
Freeport Saldanha IDZ	West Coast District Municipality	Western Cape	Green Hydrogen, Marine repair engineering, upstream oil industry services; production service companies



A nighttime photograph of a modern urban development in Cape Town, South Africa. The scene features a large, illuminated swimming pool in the foreground, surrounded by contemporary buildings with glass facades and warm interior lighting. In the background, the iconic Table Mountain is silhouetted against the twilight sky. The overall atmosphere is one of sophisticated urban design and architectural innovation.

South Africa's Impenetrable Projects

Sector
Agriculture

Liquid Glucose Plant 1 Project

The establishment of a 100 000 ton liquid glucose plant to exclusively supply the confectionery industry.

Project investment value

USD 50 million

Investment Opportunity

Equity

Project location

Johannesburg, Gauteng Province.

Requirements from additional partners

Investment

Project status

Financial Close

Economic Impact

360 jobs, localisation

Existing partners and commitments

Local sweet manufacturers are off-takers for 100% of the plant capacity.

Responsible institution

Industrial Development Corporation

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Liquid Glucose Plant 2 Project

The establishments of a 40 000 ton liquid glucose and native starch plant to supply local food and pharmaceutical industry demand, displacing current imports.

Project investment value <i>USD 26 million</i>	Investment Opportunity <i>Equity</i>	Project location <i>Vaal Special Economic Zone, Gauteng Province.</i>
Requirements from additional partners <i>Investment.</i>	Existing partners and commitments <i>Local food manufacturers and industrial users are off-takers for 100% of the plant capacity.</i>	Project status <i>Bankable Feasibility Phase</i>

Economic Impact

140 jobs, localisation

Responsible institution

Industrial Development Corporation

Contact information

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Hemp Straw processing

The establishment of a hemp straw primary (mechanical) processing facility with input capacity of 30,000 MT - 120,000 MT of hemp straw annually.

Project investment value <i>USD 20 million</i>	Investment Opportunity <i>Debt and Equity</i>	Project location <i>Eastern Cape Province</i>
Requirements from additional partners <i>Investment.</i>	Existing partners and commitments <i>Offtakes from SA-based grain manufacturer and textile company and LOIs from numerous companies in China and the EU.</i>	Project status <i>Bankable feasibility Phase</i>

Economic Impact

The project will facilitate the creation of up to 12,000 jobs and economic value creation of USD 25 million per annum.

Responsible institution

TexTTan Industries

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Hemp Straw and Biomass

The establishment of 2,500ha of industrial hemp cultivation from hemp fibre and grain processing

Project investment value <i>USD 18 million</i>	Investment Opportunity <i>Equity</i>	Project location <i>Eastern Cape Province</i>
Requirements from additional partners <i>Investment</i>	Project status <i>Bankable feasibility Phase</i>	

Economic Impact

The project will facilitate the creation of 2,500 jobs and economic value creation of USD 9 million per annum.

Existing partners and commitments

Offtakes from 2 SA-based hemp straw primary processors secured.

Responsible institution

TexTTan Industries

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Engineered Hemp textiles.

The establishment of a textiles engineering and manufacturing company producing a range of non-woven (felt and non-crimp) and woven (fabrics) for a range of local and international buyers in the composites, geo-textiles, insulation, construction, and automotive industries.

Project investment value <i>USD 17 million</i>	Investment Opportunity <i>Debt and Equity</i>	Project location <i>Eastern Cape Province</i>
Requirements from additional partners <i>Investment or offtakes</i>	Existing partners and commitments <i>Offtakes from a large SA-based textiles conglomerate and hemp felt company.</i>	Project status <i>Pre-Commercialization Phase (TRL 7) for hemp-based non-woven textiles line.</i>

Economic Impact

The project will facilitate the creation of 300 jobs and economic value creation of roughly USD 70 million per annum.

Responsible institution

TexTTan Industries

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Coega Shrimp Aquaculture Facility

The development of a vertically integrated Shrimp Aquaculture Farming and Processing Facility on 440ha at the Coega Special Economic Zone. The facility will manufacture fish feed as well as produce 2 530 tons per annum of Shrimp for the domestic and international market.

Project investment value

USD 200 million

Project location

Eastern Cape Province

Requirements from additional partners

Investment

Investment Opportunity

Equity

Economic Impact

A Pre-Feasibility Study has been completed and Capital Raising for USD 3.5 million for a Bankable Feasibility Study is now underway. Environmental Authorisation for the 440ha Coega Aquaculture Development Zone has been granted and the Coega Special Economic Zone has spent USD 15 million capex on bulk infrastructure to unlock the development of 110 hectares thereof.

Existing partners and commitments

Ziziba Holdings has successfully pioneered the manufacturing of protein-rich fish meal from food waste biomass substrate using Single Cell Protein (SCP) technology in partnership with the state-owned Council for Scientific and Industrial Research (CSIR) and Technology Innovation Agency (TIA).

Off-takes and Technical Partners are being sought in Egypt and China (the No.1 Aquaculture producing countries in Africa and The World, respectively).

Responsible institution

Ziziba Holdings (Pty) Ltd

Contact information

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Sector

Automotives

Project Platinum

Phase 1: Manufacturing of Platinum Group Metal (PGM) catalysts and Membrane Electrode Assembly (MEA's) for the green hydrogen industry. Applications include for fuel cell electric vehicles, hydrogen generation and stationary power generation. Phase 2: Deployment of hydrogen refuelling stations in Johannesburg for fuel cell heavy duty vehicles. Foundation project for rapid decarbonisation of transportation

Project investment value

USD 21 million

Investment Opportunity

Debt & Equity

Project location

OR Tambo special economic zone in Gauteng.

Requirements from additional partners

Investment

Project status

The project is currently in a bankability phase.

Existing partners and commitments

Prospective opportunity with SA-based truck manufacturers and international OEMs. Project received funding support from dtic during feasibility stage.

Responsible institution

Automotive Industry Transformation Fund (AIF) and others (syndicated).

Contact information

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Head: Corporate Planning and Strategy AIF

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Sector
Batteries

Vanadium Electrolyte Project

Construction of the vanadium electrolyte manufacturing plant for both export and local market.

Project investment value <i>USD 40 million</i>	Investment Opportunity <i>Vanadium Electrolyte offtake</i>	Project location <i>East London, Eastern Cape Province</i>
Requirements from additional partners <i>Offtake and Operating Equity Partner.</i>	Project status <i>Plant commissioned Aug 2023. Project undergoing certification for international clients, varied success.</i>	

Economic Impact

Value addition to local critical minerals, supplying the most valuable component of Vanadium Redox Flow Batteries (VRFB) into a global value chain. This project may also be catalytic in the development of the local VRFB market (vs other battery technologies).

Existing partners and commitments

IDC; In commissioning and product certification.

Responsible institution

Industrial Development Corporation

Contact information

Nishal Moodley

Senior Dealmaker

Industrial Development Corporation

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Alpha Gweda Battery Energy Storage Systems (BESS) Manufacturing

The proposed project entails the development of a 5Gigawatthour (GWh) per annum Lithium Iron Battery Energy Storage System (BESS) manufacturing facility for Utility Scale and Automotive Storage

Applications for distribution within the SADC region.

Project investment value <i>USD 417 million</i>	Investment Opportunity <i>Project Preparation Funding</i>	Project location <i>Eastern Cape Province</i>
Requirements from additional partners <i>Project Preparation Funding for Bankability</i>	Existing partners and commitments <i>TBC</i>	Project status <i>The project is in the Bankability Phase</i>

Responsible institution

the dtic, Alpha Gweda

Contact information

Sharadh Padayachi

Director: Technology Design and Business Development

E: sp@alphagweda.com

Afrivolt

Afrivolt presents a strategic investment opportunity to develop a 5 GWh battery cell manufacturing facility in South Africa. With a phased approach, the project aims to support the growing demand for lithium-ion cells in Battery Energy Storage System (BESS) applications and heavy commercial EV mining solutions (HCEV), leveraging regional advantages and global partnerships

Project investment value <i>USD 500 million</i>	Investment Opportunity <i>Debt & Equity financing</i>	Project location <i>Atlantis Special Economic Zone (SEZ)</i>
Requirements from additional partners <i>Funding</i>	Project status <i>Bankability phase</i>	
Responsible institution		

Afrivolt

Contact information

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Founder and MD

Afrivolt

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Project Fusion

Rim alloy manufacturer that is insourcing and updating production capabilities to increase productivity.

Project investment value

USD 10.8 million

Investment Opportunity

Debt & Equity

Project location

The project is based in Richard's Bay, KZN.

Requirements from additional partners

Investment. Technical support.

Project status

The project is currently in a bankability phase.

Existing partners and commitments

Project is currently supplying 5 out of the 7 OEMs that have production facilities in South Africa.

Responsible institution

Automotive Industry Transformation Fund (AITF) and others (syndicated).

Contact information

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Head: Corporate Planning and Strategy AITF

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The Manufacture of Electrical Harnesses for Rail, Automotive and Energy Sectors

Contract Execution: Currently manufacturing electrical harnesses for the Gibela Rail Transport Consortium, which is a landmark project for the manufacture and maintenance of rolling stock for the Passenger Rail Agency of South Africa ("PRASA").

Headquarters: Located in a newly renovated 4800 sqm facility in Pomona, in Ekurhuleni, the economic and manufacturing hub of South Africa.

Manufacturing Capabilities:

* Specialising in producing electrical harnesses with low-voltage, high-voltage, and communication cables.

* Offers turnkey solutions (from design to installation), and

* Capacity to run numerous production lines.

Ownership:

* 92% Black-owned | 84.49% Black female ownership

Project investment value

USD 36.9 million
(self-funded)

Investment Opportunity

Circa
USD 14.2 million

Project location

Pomona, Kempton Park,
(Ekurhuleni)

Requirements from additional partners

Investment and market
access in the auto sector

Project status

The project is in execution

Existing partners and commitments

Gibela Rail Transport Consortium

Contact information

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Sector
Chemicals

Nyanza Light Metals (Pty) Ltd

Nyanza Light Metals is a privately owned South African company that is constructing 80 000 Tonnes per annum of titanium dioxide (TiO₂) pigment and chemical manufacturing plant in Richards Bay, at the Richards Bay Industrial development zone ("RBIDZ") in phase 1F. The plant is being built in three phases:

Phase 1 – Product Testing and Development Centre ("PTDC") – Operational in June 2022

Phase 2 – 80,000tpa pigment plant – Commercial Plant.

The commercial plant is anticipated to create more than 850 direct permanent jobs and more than 3,000 jobs during construction with an investment value of US\$864. The PTDC thus far has created 13 permanent jobs.

Project investment value

USD 872 million

Project investment value

Phase 1F, Richards Bay Industrial Development Zone (RBIDZ), KwaZulu-Natal, South Africa.

Investment Opportunity

Creation of more than 850 direct permanent jobs and more than 3,000 jobs during construction.

Facilitating the transfer of technology, knowledge, and know-how from the developed economies.

Stimulation of local supply chain industries and SMME development, i.e. increasing participation of local communities.

Increasing South Africa's foreign exchange earnings and improving the balance of trade payments.

Increasing South Africa's gross fixed capital formation; and

Developing South Africa and the RBIDZ as the centre of the titanium value-addition industry

Project status

Due Diligence

Project status

Nyanza is a high impact and developmental project that has attracted African and International development finance institutions. The Nyanza Project requires. US\$864 million peak funding.

Existing partners and commitments

The project has been co-developed by the following parties:

Nyanza Light Metals (Founders & Sponsors)

Arkein Industrial Holdings (Founders & Sponsors)

DBF Capital Partners (Co-Sponsors)

Department of Trade Industry and Competition (South African Government)

African Export-Import Bank ("Afreximbank")

Africa Finance Corporation ("AFC")

Industrial Development Corporation (IDC)

Responsible institution

Richards Bay Industrial Development Zone

Contact information

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Executive Manager Business Development and Support

Richards Bay Industrial Development Zone

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Chlor-Alkali Project

It is a start-up of a chemical production plant that will utilize the latest membrane technology to produce chlor-alkali products at a total cost of R2 billion. The proposed Chlor-Alkali manufacturing operation will be producing 50 000 metric tons per annum chemical products.

Project investment value <i>USD 100 million</i>	Investment Opportunity <i>Debt & Equity</i>	Project location <i>Vaal Special Economic Zone, Gauteng Province</i>
Requirements from additional partners <i>Funding</i>	Project status <i>Capital Raise Phase</i>	Social Impact <i>110 Jobs</i>

Existing partners and commitments

South African Water Utility

Responsible institution

Industrial Development Corporation

Contact information

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Industrial Development Corporation

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Caustic Soda Lye, Chlorine, Sodium Hypochlorite and Hydrochloric Acid Project

The project will produce 49,500tpa of Caustic Soda Lye, Chlorine, Sodium Hypochlorite and Hydrochloric Acid to be used in an array of industries such as pulp and paper, chemicals, soap and detergents, and the water treatment industry. The market continues to experience extreme shortages and high prices for both caustic soda and chlorine products with existing producers unable to meet demand in South Africa.

Project investment value <i>USD 100 million</i>	Investment Opportunity <i>Debt & Equity</i>	Project location <i>Richards Bay Industrial Development Zone, KwaZulu-Natal</i>
Requirements from additional partners <i>Funding</i>	Project status <i>Capital Raise Phase</i>	Social Impact <i>122 permanent jobs, and 200 during the 2-year construction phase.</i>

Existing partners and commitments

Technical Partner is a Turkish-based partner; Funders: Public Investment Corporation, Turkish Based Company

Responsible institution

Industrial Development Corporation

Contact information

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100 000tpa Fluorochemical Project Project CAPE

Fluorchemicals South Africa Pty Ltd "FSA" is developing a cumulative 100 000tpa fluorochemicals plant in Coega, Eastern Cape, South Africa. This is the first commercial fluorochemical plant in South Africa and the Southern Hemisphere and will beneficiate a critical mineral called Calcium Fluoride. The project is anchored by a 60 000tpa Anhydrous Hydrogen Fluoride (AHF) with purity $\geq 99.985\%$ with beneficial production slated for end of 2027 early 2028 mainly for exports markets mainly Europe, Asia and the US whilst the South African and African markets are incubated and catalysed.

Downstream products will include elemental and Fluorine mixtures (F₂), lithium salts including LithiumFluoroSulfonylImide (LiFSI), polymers including PolyVinylidene Fluoride (PVDF) & PolyteTraFluoroEthylene (PTFEs), and refrigerants including Hydrofluoro-Olefins (HFO) to supplied to markets by 2030.

Fluorspar is designated critical mineral by the US, EU, China and recently Australia. Fluorochemicals are critical for

1. Semiconductor/Electronics (production of semiconductors, AI etc.)
2. Energy (Manufacture of Green generation energy storage batteries for renewable energy and electric vehicles etc.)
3. Refrigerants (Refrigerant gases etc.)
4. Industrial (production of glass, aluminium, steel and other alloys etc.)
5. Fluoropolymers (Manufacture of advanced plastic compounds including Teflon, space components etc.)
6. Petrochemicals (production of A1 jet fuel etc.)
7. Pharmaceuticals/cosmetics (Manufacture of ARVs, cosmetics, antidepressants, analgesic preparations and antibiotics etc.)
8. Agriculture (manufacture of herbicides, pesticides etc.)
9. Construction (gypsum for self-leveling floors, partitions etc.)
10. Mining (removal of impurities in ores etc.)

Project investment value

USD 266 million

Investment Opportunity

Debt & Equity

Project location

Gqeberha, Eastern Cape

Investment Opportunity

Investment, Offtakes and funding

Project status

The project is currently proceeding to bankability phase which Final Investment Decision(FID) slated for April 2026, construction November 2026 and beneficial operation phase 1 Q1 of 2028

Existing partners and commitments

Existing partners includes the Industrial Development Corporation (IDC) for development and execution funding, North West Development Corporation (NWDC), BRR Investments Holdings for development funding. ERG and Witkop Fluorspar Mine provided LOIs for supply of fluorspar. International and Local offtakes have provided LOIs including from Brazil, South Africa and discussions with others in Germany, Japan, China and Australia who are developing plants that requires fluorochemicals in advanced stages

Responsible institution

Fluorchemicals South Africa Pty Ltd

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Sector

Electro Technical

Establishment of a Xenon Difluoride (XeF₂) Production Plant

The Project seeks to establish an additional XeF₂ plant at Pelchem to take advantage of increasing demand. The global XeF₂ market is estimated at USD 78m in 2023 of which Pelchem has an estimated 8% of global market share. The demand for XeF₂ is strongly linked to the semiconductor industry, which continues to expand due to technological advancements and the increasing need for miniaturized electronic components. Xenon Difluoride is used as an etching gas, primarily in the Micro Electro-Mechanical Systems (MEMS) market.

Project investment value <i>USD 425,6 million</i>	Investment Opportunity <i>Debt & Grant (Equity instrument subject to Ministerial approval)</i>	Project location <i>Necsa Pelindaba Site</i>
Requirements from additional partners <i>Investment</i>	Project status <i>Bankable Business Case</i>	

Existing partners and commitments

Expressions of Interest (Currently Pelchem supplies XeF₂ internationally)

Responsible institution

Pelchem SOC Ltd (Project Owner)

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Nerona Mahadeo

Business Development Specialist: Group Business Development & Technology Commercialisation

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A photograph of a large industrial facility, likely a refinery or chemical plant, at night. The scene is illuminated by warm yellow lights, highlighting the complex network of pipes, scaffolding, and large cylindrical storage tanks. A large, stylized white arrow graphic points from the left towards the right, partially obscuring the background. The overall atmosphere is industrial and active.

Sector

General Energy

Medupi Flue Gas Desulphurisation (FGD) Project

Medupi Power Station is a coal fired power plant which comprises of six 794 Megawatt Units, situated in Lephalale, Limpopo Province. The objective of the Flue gas Desulphurisation (FGD) retrofit project is to comply with the national legislation for sulphur dioxide (SO₂) emission limits for power plants and the Works must achieve an SO₂ emissions limit of 400mg/Nm³ (dry, 10% O₂) per Unit.

Project investment value

USD 2.28 billion

Investment Opportunity

Debt

Project location

Medupi Power Station,
Limpopo Province

Project status

ERA approved and tender issued out to the market.

Requirements from additional partners

Not applicable.

Existing partners and commitments

Not applicable.

Responsible institution

Eskom Holdings SOC Ltd

Contact information

Zandi Shange

General Manager: Project Management

Eskom

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Lethabo Particulate Emissions Reduction Project

The Particulate Emission Reduction (PER) project consists of two packages, refurbishment of electrostatic precipitators (ESP) and replacement of Sulphur trioxide plant (SO₃). ESP scope of work includes procurement, design, manufacturing, shipping, transportation, decommissioning, installation, testing, commissioning, documentation, and handover of unit 1 to 6 electrostatic precipitator plants. SO₃ scope of work includes procurement, design, manufacturing, shipping, transportation, storage, decommissioning, installation, testing, commissioning, documentation, and handover of unit 1 to 6 Sulphur trioxide plants and installation of a new additional Sulphur storage tank.

Project investment value

USD 81.26 million

Investment Opportunity

Debt

Project location

Lethabo Power Station,
Deneyville Rd,
Viljoensdrift

Requirements from additional partners

Investment

Project status

The SO₃ Project currently 4 out of 6 units completed & ESP Project – 2 out of 6 units completed

Existing partners and commitments

Babcock Ntuhuko Engineering: R 1 087 752 6647,35 +USD: 4 385 820,53 (ESP)
Howden: R 221 392 715,54 (SO₃)

Responsible institution

Eskom Holdings SOC Ltd

Contact information

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General Manager

Clean Energy

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Komatipoort 1000MW Gas to Power

Design, Finance, Build, Own, Operate and Maintain a 1000MW Gas to Power plant connected to the National Grid selling power to Eskom.

Project Leads:

Technical: WSP

Legal: CDH

Financial Modelling and Commercial: Cresco

Socioeconomic: to be appointed before 31 January 2025

FID Package being developed.

SIP Status obtained.

Eskom Grid Access (Custom Estimation Letter) obtained in January 2025 with revised terms which are favourable to the project.

ITAC permit obtained for Gas import.

Planned FID Approval by sponsors: Q3, 2025

Planned Ministerial Approval Sect54 2c: Q3,2025

Planned COD: Q4, 2028

Project investment value <i>USD 1.53 billion</i>	Investment Opportunity <i>Debt & Equity</i>	Project location <i>Komatipoort in the Mpumalanga Province</i>
Requirements from additional partners <i>Financial and Technical (PowerChina) Investments</i>	Project status <i>The project is currently at Feasibility phase.</i>	
Existing partners and commitments		

The project will be submitting a bid in respond to the Eskom Gas IPP Bid Window 1 closing this year (2025)

Additional partners to this project include Vutomi Energy and PowerChina

Responsible institution

Central Energy Fund

Contact information

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Central Energy Fund SoC Ltd

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Kusile Ash Dump Facility

The Kusile 60 Year Ash Disposal Facility (60Y ADF) project is a significant initiative aimed at managing the by-products of electricity generation from the Kusile Power Station. The scope of work for this Project includes the construction of Phase 1 of the lined ash disposal facility and its supporting infrastructure, stormwater management channels, river diversions, bulk materials handling, dust suppression systems, irrigation systems, electrical supply and Control and instrumentation.

Project investment value	Investment Opportunity	Project location
USD 256.83 million	Debt	Kusile Power Station, Delmas, Mpumalanga
Project status		Requirements from additional partners
The project is currently in the Procurement phase.		Not applicable.
Existing partners and commitments		
Not applicable.		
Responsible institution		
Eskom Holdings SOC Ltd		

Contact information

Tom Skinner

General Manager

Clean Energy

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Biofuels Project

Biofuels Project earmarked to manufacture ethanol from grain sorghum.

Project investment value <i>USD 225 million</i>	Investment Opportunity <i>Debt & Equity</i>	Project location <i>Bothaville, Free State Province</i>
Project status <i>Capital Raise Phase</i>		Requirements from additional partners <i>Funding</i>
Existing partners and commitments <i>Large Petroleum off-taker, O&M</i>		
Existing partners and commitments <i>Large Petroleum off-taker, O&M</i>		
Responsible institution <i>Industrial Development Corporation</i>		

Contact information

Hilton Lazarus

Head: Chemicals, Medical & Industrial Minerals Business Unit

Industrial Development Corporation

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Kendal Continuous Ash dam Project

The project is needed to maintain Kendal Power Station Generation Capacity and comply with the Environmental requirements. The project is divided into two major packages; (i) Civils and (ii) Mechanical, Electrical, Control and Instrumentation (MECI). The Civil Scope entails the construction of a Lined Ash Disposal Facility, the Construction of Pollution Control Dams, Clean Water Dams, Stream Diversion and Site Access Services. The MECI Scope entails the construction of Bulk Material Handling, Low Pressure System as well as the Electrical Supply System.

Project investment value	Investment Opportunity	Project location
USD 149.84 million	Debt	Kendal Power Station, Ogies, Mpumalanga
Requirements from additional partners	Project status	
Not applicable.	In Execution	

Existing partners and commitments

Not applicable.

Responsible institution

Eskom Group Capital Division

Contact information

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Clean Energy

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Kriel High Frequency Transformers (HFT) and Electrostatic Precipitators (ESP) Project

New emission legislation as issued by the Department of Environmental Affairs (DEA) to Eskom Generation Power Stations (Air Quality Act, 2004 [Act 39/2004], Notice 248; 31 March 2010: Minimum Emission Standards) implies that by 2020 all existing Power Stations should conform to a 100 mg/Nm³ particulate emission level, and 50 mg/Nm³ particulate emission level by 2025.

The current emissions limit at Kriel Power Station is 125mg/Nm³, and the 2014 postponement compliance with Minimum Emissions Standards (MES) allowed the station to operate at those emission levels, however the current design specifications for Unit 1 to 6 at Kriel Power Station are not able to sustainably achieve these more stringent particulate emission limits that took effect from 1 April 2020.

A Fabric Filter Plant (FFP) Retrofit Project was initiated in 2018 to replace the existing Electrostatic Precipitators (ESP) at Kriel Power Station.

The change in strategy to execute the FFP project at Kriel in 2018 necessitated for a cheaper emission abatement solution with shorter implementation timelines while still ensuring that Eskom comply to new legislation. A research study conducted by Eskom on the HFT Technology proved that the installation of HFT's will enhance the ESP collection efficiency and, in return, lower the particulate emissions.

Recent HFT pilot projects done at both Lethabo Power Station and Duvha Power Station whereby the existing Electrostatic Precipitator (ESP) transformer rectifier sets were replaced with High Frequency Transformers (HFTs), proved to be a success. Lethabo can achieve 50-60mg/Nm³ on Unit 3 when all the systems are running optimally. Unit 5 at Duvha (which is using similar HFT's to which are to be installed at Kriel) can run at 20 mg/Nm³ at 600 MW if all up and downstream conditions are within specification and all fields are in service.

This then brought about the need for a retrofit project to install HFT technology that will enable Kriel Power Station to comply with the particulate emissions limit of no greater than 50 mg/Nm³ on a continuous basis. The HFTs alone are not a silver bullet in reducing the PM emissions at Kriel P/S.

The Electrostatic Precipitator (ESP) internals should also be in a healthy working state, thus their inclusion in this project to be refurbished.

The objective of the project is to provide Kriel Power Station with a technical enhancement solution to improve the Electrostatic Precipitators (ESP) performance to enable Kriel Power Station to comply with their license limit. The implementation of this solution has a limited time frame of up to April 2025.

The project is aimed at ensuring that Kriel continues to operate at full capacity while also ensuring compliance to environmental legislation and addresses Eskom's sustainability framework dimensions such as environmental aspects, operational sustainability and sustainable asset creation and is aimed at ensuring that the objectives of the Air Quality Implementation Plan FY2022/23 to FY2027/28 (Rev. 2) (32-1143) are achieved.

Project investment value <i>USD 81.15 million</i>	Investment Opportunity <i>Debt</i>	Project location <i>Kriel Power Station, Kriel, 2271. RSA</i>
Requirements from additional partners <i>Not applicable.</i>	Project status <i>In Execution</i>	

Existing partners and commitments

Not applicable.

Responsible institution

Eskom Holdings SOC Ltd

Contact information

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 Clean Energy
 Email: skinnete@eskom.co.za
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Energy Infrastructure Development Project (EIDP)

The EIDP is a long-term energy infrastructure and storage solution that includes 300MW pumped hydro storage, 100MW battery storage, 242 km transmission and 210 km distribution infrastructure, high redundancy fibre communication infrastructure and a regional control centre. Leveraging the Olifants Management Model Programme's public-private collaboration model, the project aims to enhance energy reliability, affordability and sustainability, while driving socio-economic development in Limpopo and across South Africa. This project will enable the closing of the 12-16% energy supply-demand gap by 2050, address transmission & distribution gaps with significant capacity increases by 2032 and provide grid stabilisation to support the doubling of IPP renewable energy from regional mines.

Developing energy infrastructure through the EIDP carries high values as it directly addresses the growing power instability concerns affecting power consumers and mining entities in Limpopo. Due to aging infrastructure and capacity constraints the province has been exposed to rolling blackouts which have negatively impacted local industry and economic growth. The EIDP will ensure integrated electricity transmission stability enabling continuous uninterrupted power supply to critical entities in the province. In addition, through the construction of energy storage schemes, the EIDP will enable greater renewable energy utilisation/integration, improved power availability, and effective energy trading and tariff optimisation/reduction options.

Project investment value

USD \$20-25 million

Investment Opportunity

Debt & Equity

Project location

Limpopo Province, South Africa

Project status

The business and technical concept study was concluded in Q3 2024; development funding is currently being sought.

Requirements from additional partners

Blended Finance solutions.

Existing partners and commitments

The project seeks to leverage the existing membership of the Olifants Management Model Programme (OMMP), including large energy users from the mining sector to be serviced via direct connections, as well as district and local municipalities who will service domestic and small industrial users.

Underneath existing memberships, the OMMP has developed a successful track record in executing and managing large-scale water infrastructure projects which include 110 km of bulk water pipelines, 5 pump stations and 7 reservoirs. The organisation, therefore, is ideally positioned to establish an energy association under a similar structural, execution and commercial model operating in the energy space.

Economic Impact

The EIDP will boost economic activity by R11 billion, representing 1.7% of Limpopo's GDP (2023) and will increase household income by R5.8 billion. The EIDP will create ~30 900 jobs in the Limpopo province and is expected to have a total job creation impact of 67 700 jobs during the construction period (2027-2030). It will generate R2.5 billion in Government revenue, fund sustainable city development and enable universal electrification. The project will reduce network charges by 8-12%, stabilise the grid for renewable integration and invest R24 billion over six years. Additionally, it will support Lebalale Water User Association's operations, ensuring water supply to communities and commercial users in the project region.

Responsible institution

Department of Public Works and Infrastructure acting through Infrastructure South Africa and the

Development Bank of Southern Africa is mandated to create blended finance solutions.

Contact information

Conri Moolman

Industry Expert

Industrial Development Corporation

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A photograph of a wind farm in a snowy, hilly landscape under a blue sky with scattered clouds. Several wind turbines are visible, with one in the foreground being particularly prominent. The ground is covered in patches of snow and dark vegetation. The sky is a deep blue, and the clouds are white and fluffy. The overall scene is clean and modern, representing renewable energy.

Sector

Hydrogen

Coega Green Hydrogen Project

The proposed project entails the development of Solar PV and Wind facilities to supply 1120MW to an electrolyser plant to produce 780 ktpa of Green Ammonia.

Project investment value

USD 5.9 billion

Investment Opportunity

Project Development
Funding, Debt &
Equity

Project location

Coega, Eastern Cape
Province

Project status

Bankable Feasibility Stage

Requirements from additional partners

Investment

Existing partners and commitments

Hive Hydrogen South Africa

Responsible institution

Industrial Development Corporation

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Industry Development Planner

Industrial Development Corporation

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The Hydrogen Valley Innovation Hub

Mitochondria will establish a Hydrogen Valley Innovation Hub to develop its Hydrogen Value Chain. In phase 1, Mitochondria will build the Mitochondria Campus, a manufacturing and assembly plant, that will produce Mitochondria's 50kW Fuel Cell Systems, 10kW Hot Modules for SolydEra, inverters and other Mitochondria technologies and products. In terms of production volumes for the Fuel Cell, the facility will yield at minimum production capacity 125MW per annum and at maximum production capacity 375MW per annum, dependent on demand.

Mitochondria's primary market is South Africa and the African continent. The 10kW Hot Module will be sold to our technology partners SolydEra for their Italian and international markets

Project investment value

USD 60.1million in
phase 1

Investment Opportunity

Debt, Equity, Grant

Project location

Emfuleni Vaal Special
Economic Zone, Gauteng

Requirements from additional partners

Investment, Research

Project status

Bankability Phase is completed

The team is currently completing a demonstration phase where demo Fuel Cells will be tested in the market and a demo will be done on the assembly line.

Existing partners and commitments

Funding Partners: IDC, DTIC , DBSA and Sustainable Ethical Solutions Holdings

Technology Partners: SolydEra Group, Bosch Africa, Jendamark Automation

Responsible institution

Mitochondria Energy Systems

Contact information

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Mitochondria Energy Group

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Sector

Infrastructure

A new water 1 MLD circular wastewater treatment facility, using Membrane Aerated Biofilm Reactor technology.

The wastewater project forms part of an integrated Smart City infrastructure hub, combining renewable energy, water, waste management, housing, and food security into a self sustaining ecosystem.

Project investment value

USD 15.55 million

Investment Opportunity

Debt & Equity

Project location

South Africa

Project status

Project is ready to start immediately

Existing partners and commitments

International investors and local DFI's

Requirements from additional partners

Debt and equity

Responsible institution

DevAfrique

Contact information

Jaco van Heerden

DevAfrique (Pty) Ltd

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Project Ukuvuselela

The objective of this project is to develop a sustainable, end-to-end, rail logistic solution for the automotive sector with the aim of diverting the transportation of vehicles from road onto rail. Transnet, DBSA and IDC are collaborating for the upgrade of the Transnet railway infrastructure connecting Tshwane (Watloo & Kaalfontein auto terminals) to the Port of Port Elizabeth in the Eastern Cape. In addition, IDC is developing a business case for the establishment of a privately-owned automotive rail operating company.

Project investment value <i>USD 350 million</i>	Investment Opportunity <i>Debt & Equity</i>	Project location <i>Tshwane to Port of Port Elizabeth, Eastern Cape.</i>
Requirements from additional partners <i>Investment, Strategic Equity Partner with Rail Expertise</i>	Project status <i>Bankable Feasibility Phase</i>	

Existing partners and commitments

South African Auto OEMs

Economic Impact

Construction: GDP Impact: USD237m | Employment: 9 551

Operations 2026: GDP Impact: USD103m | Employment: 2 544

Operations 2031: GDP Impact: USD112m | Employment: 2 908.

Responsible institution

Industrial Development Corporation

Contact information

Sunil Kooverjee

Head: Project Development Business Unit

Industrial Development Corporation

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A large cargo ship is docked at a port, with several large cranes visible in the background. The scene is captured during sunset, with the sky transitioning from orange to blue. The water in the foreground is dark and reflects the light from the ship and the sky. The overall mood is industrial and serene.

Sector
Logistics

Port of Saldanha LNG Import Terminal & Gas to Power

The project entails the (1) LNG loading arms at the berth located at TNPA jetty, (2) construction of a pipeline from the TNPA jetty infrastructure to the LNG facility, (3) Construction of the LNG facility including: LNG storage tanks, truck loading facility area, regasification plant, flare station and backup power supply.

Design, Finance, Build, Own, Operate and Maintain an LNG Import Terminal AND a 1000MW Gas to Power plant to support the business case for the terminal that will sell power to Eskom.

Project investment value

Est. Capex circa USD 1.1 million for the Import Terminal ONLY.

Investment Opportunity

Debt & Equity

Project location

Port of Saldanha, in the Western Cape

Requirements from additional partners

Financial and Technical Investments

Project status

The project is currently at Feasibility phase.

Terminal Operator Agreement (TOA) negotiations are in progress with Transnet National Ports Authority (TNPA).

Existing partners and commitments

The project is being developed with Avendia Energy as a shareholder and the CEF Group

Economic Impact

Create ca. 250 jobs and generate USD150m export earnings per annum.

Responsible institution

Central Energy Fund

Contact information

Dr Tshepo Mokoka | CEF Group Chief Operating Officer

Central Energy Fund SoC Ltd

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Trade Afrika Terminals

During 2021, Mr M Xolo and J Marais recognised a potential niche in the SA bulk commodity market. Consequently, they founded Trade Afrika Terminals, aiming to establish a channel through Gqeberha. Trade Afrika Terminals speciality lies in providing a holistic logistics solution that is tailor-made for the ever-evolving Minerals and Agricultural sectors. From meticulous warehousing to efficient containerising and adept shipping of minerals, we've honed our expertise to ensure that products reach their destination with precision and care. Additionally, we are majority-owned by a 51% Black Economic Empowerment (BBBEE) entity. In our continued quest to spearhead innovation and strategic collaborations, Trade Afrika Terminals (Pty) Ltd cultivated a longstanding relationship with TradePort Namibia Investments (Pty) Ltd. They entered into a pivotal Joint Venture Agreement, ensuring that multiple business opportunities can be sourced and pursued in Sub-Saharan Africa.

Project investment value

USD 63 million

(Forecasted IRR of +- 60% per annum*) *based on current structure.

Investment Opportunity

Equity

Either a full equity acquisition or a minority stake that allows the current shareholders to retain control.

Project location

Gqeberha, South Africa.

Requirements from additional partners

Funding

Project status

Construction of handling facility completed. Railway connected to the handling facility to be completed in Q1 of 2025.

Existing partners and commitments

TradePort Namibia and Fairwater Trust as mentioned above.

An indirect partnership with Transnet, as the railway construction to Trade Afrika's warehouse has been approved and is currently underway.

Economic Impact

Create ca. 150 jobs and generate c USD50m export earnings per annum.

Responsible institution

DevAfrique

Contact information

Jaco van Heerden

DevAfrique (Pty) Ltd

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Port of Richards Bay Liquefied Natural Gas (LNG) Import Terminal

The Gas Masterplan Base Case Report (2022) and draft of 2024 identifies the South African ports as a key engine in the gas masterplan for the country. In response to the current electricity and energy mix challenges facing South Africa, Transnet National Ports Authority (TNPA), has embarked on a strong strategic position “as an enabler” of securing and supplying Liquefied Natural Gas to the Port of Richards Bay (KwaZulu-Natal). This project provides feasible and sufficient opportunities for the gas to power industry to implement the Department of Mineral Resources and Energy’s (DMRE) plans of alleviating the electricity generation limitation.

Section 11 of the National Ports Act No. 12 of 2005 (the Act) details the functions of the Authority (TNPA) which includes the provision of basic port infrastructure such as berths and bulk services. Based on the technical study done by Transnet with respect to the suitable location of LNG import terminals in South Africa, the Port of Richards Bay was amongst the three ports that were identified for LNG importation.

The appointed Section 56 Concessionaire (Vopak/TPL) has indicated a strong demand of 2 million tons per annum from 2027 and potential to scale-up to over 5 million tons per annum from 2032-35.

The current solution (LNG Terminal) being proposed for TNPA Port of Richards Bay, is also supported by the LNG demand forecast of 2.2 million tonnes per annum (Mtpa) in the short term (2027), scaling to between 4.0 and 6.0 Mtpa in the long term (2042), in South Africa. A Baseline Market Demand Study (BMDS) was subsequently undertaken (Mott MacDonald, 2019) to develop an initial estimate of the aggregate market demand.

Project investment value

Est.at over + USD 748.63 million

Investment Opportunity

Debt and/or Equity

Requirements from additional partners

Investment in Port Infrastructure required to enable the LNG Terminal development.

Project location

Port of Richards Bay at Berth 207

Project status

Terminal Operator appointed and the overall project is currently in a bankability phase.

Existing partners and commitments

The appointed Terminal Operator is a Consortium between Vopak Terminals Durban (VTD) and Transnet Pipelines (VTD) who will be responsible for:

1. Funding, Designing and Construction of their Terminal Infrastructure/Equipment (i.e. included the Floating Storage Unit, Jetty Topsides, Cryogenic & Sea-water pipelines, Onshore Regasification Facility, LNG Tank(s), Truck loading, Office space, etc) and Gas Transmission Pipeline.
2. Operate and maintain all the equipment including TNPA's infrastructure for a period of 25 years.

EXISTING COMMITMENTS

1. The Terminal Operator (VTD/TPL Consortium) are in the process of negotiating heads of agreement (HOA) with customers to secure capacity in the terminal.

Responsible institution

Transnet SOC Ltd

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Sector
Mining

Phosphate Mining Project

The IDC funded the development of the Bankable feasibility study (BFS) for a new phosphate mine in the Western Cape. The BFS confirmed a resource of 39.1Mt. Phosphate ore containing grades 3.82% to 7.99% P2O5 can be concentrated to a 28% P2O5 product

Project investment value

USD 138 million

Investment Opportunity

Debt Finance or
Equity participation

Project location

Western Cape
Province

Requirements from additional partners

Debt funding. Potential for equity participation for a strategic equity partner.

Project status

Bankable Business Case

Existing partners and commitments

IDC, Project promoter and other investors.

Economic Impact

Implementation of a new phosphate mine.

Responsible institution

Industrial Development Corporation

Contact information

Conri Moolman

Industry Expert

Industrial Development Corporation

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Mining Project

This project aims to secure investment in an open-cast gold mine in South Africa as part of a broader strategy to diversify business interests and strengthen economic ties between Saudi Arabia and South Africa. This investment aligns with the bilateral agreement focused on trade and unlocks shared value through sustainable business development. The mine, currently in phase one with a gold grade of 2.68 grams per tonne, offers significant potential. It has three operational phases and a projected lifespan of 12 years in open-cast mining, followed by an additional 30 years of underground operations. Open-cast mining is capital-efficient, with lower operational costs than underground mining. Feasibility studies estimate gold reserves worth \$623 million during the open cast phase, with a potential total revenue of \$1.76 billion, contingent on further exploration and development. This project represents a lucrative and strategic opportunity to foster long-term growth while contributing to the socio-economic development of South Africa.

Project investment value <i>USD 25 million to USD 35 million</i>	Investment Opportunity <i>Debt & Equity</i>	Project location <i>Nort West Province.</i>
Requirements from additional partners <i>Investment</i>	Project status <i>The project is currently in a bankable phase.</i>	

Existing partners and commitments

Some interested Saudi-based real estate companies are exploring the opportunity.

Responsible institution

Inkwenkwezi The Star Group

Contact information

Mrs Vuyokazi Makapela

Chairman: Inkwenkwezi The Star Group

Inkwenkwezi The Star Group

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Frontier rare earths

ARMet presents a strategic investment opportunity for the production of rare earth elements and battery grade manganese sulphate by 2029.

Project investment value	Investment Opportunity	Project location
USD 500 million	Debt & Equity financing on 50:50 basis	Zandkopsdrift, Northern Cape
Requirements from additional partners		Project status
Funding		Bankability phase

Existing partners and commitments

Innovative Manganese Technologies SA (IMTSA)

Economic Impact

Implementation of a new phosphate mine.

Responsible institution

Frontier rare earths

Contact information

Phillip Kenny

Chairperson

Frontier rare earths

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Monazite

Steenkampskraal Monazite mine is located 70km north of Vanrhynsdorp, Western Cape and is geared to extract rare earth containing monazite ore from an underground mining operation

Project investment value <i>USD 111 million</i>	Investment Opportunity <i>Debt & Equity financing on 50:50 basis</i>	Project location <i>Vanrhynsdorp, Western Cape</i>
Requirements from additional partners <i>Funding</i>		Existing partners and commitments <i>Not disclosed</i>
Project status <i>Reclamation and refurbishment commenced, pre-construction and construction</i>		
Responsible institution		

Monazite mine

Contact information

Graham Soden

CEO

Monazite mine

Email: gsoden@steenkampskraal.com

The project is in South Africa, North West Province.

This project aims to secure investment in an open-cast gold mine in South Africa as part of a broader strategy to diversify business interests and strengthen economic ties between Saudi Arabia and South Africa. This investment aligns with the bilateral agreement focused on trade and unlocks shared value through sustainable business development. The mine, currently in phase one with a gold grade of 2.68 grams per tonne, offers significant potential. It has three operational phases and a projected lifespan of 12 years in open-cast mining, followed by an additional 30 years of underground operations. Open-cast mining is capital-efficient, with lower operational costs than underground mining. Feasibility studies estimate gold reserves worth \$623 million during the open cast phase, with a potential total revenue of \$1.76 billion, contingent on further exploration and development. This project represents a lucrative and strategic opportunity to foster long-term growth while contributing to the socio-economic development of South Africa.,

Project investment value

USD 25 million to
USD 35 million

Investment Opportunity

Debt & Equity

Project location

Western Cape
Province

Requirements from additional partners

Investment

Project status

The project is currently in a
bankable phase.

Existing partners and commitments

Some interested Saudi-based real estate companies are exploring the opportunity.

Responsible institution

Inkwenkwezi The Star Group

Contact information

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Inkwenkwezi The Star Group

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Manufacturing catalysts and MEA for green hydrogen production and application

A cutting-edge 3000-square-metre facility is ready to support clean energy innovation by transforming PGMs into high-performance catalyst precursors, catalysts, and MEAs designed to meet the demands of both electrolyser applications and automotive and stationary fuel cells. This state-of-the-art operation also boasts advanced recycling capabilities, supporting a sustainable and circular economy. Equipped with the latest technology, this facility offers production capacity, delivering up to 4 tons of premium catalysts and 18 million MEAs annually.

Project investment value	Investment Opportunity	Project location
USD 50 million	Equity	Gauteng OR Tambo Airport
Requirements from additional partners	Existing partners and commitments	
Balance of Investment as equity injection	Local and international automotive fuel cell and electrolyser manufacturers	
Project status		
The project is currently in execution phase with the commencement of plant commissioning		

Responsible institution

Isondo Precious Metals (Pty) Ltd

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 Isondo Precious Metals
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Genomines

Genomines uses phytomining to extract nickel from plants grown on mineralised soils, producing high purity bioconcentrate for refining into battery grade nickel.

Project investment value <i>USD 27 million for pilot project development</i>	Investment Opportunity <i>Debt & Equity financing</i>	Project location <i>Magalakwena and Nkomati mines in Limpopo</i>
Requirements from additional partners <i>Funding</i>	Project status <i>Bankability phase</i>	

Existing partners and commitments

Offtake partners : Ocean Partners, Hyundai, POSCO and Jagua Land Rover

Responsible institution

Genomines

Contact information

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Founder and MD

Genomines

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Copper Project

The re-opening of a copper mine in the Northern Cape, expected total copper production of 100kt.

Project investment value <i>USD 85 million</i>	Investment Opportunity <i>Debt & Equity</i>	Project location <i>Northern Cape Province</i>
Requirements from additional partners <i>Investment</i>		Project status <i>Bankable Feasibility Phase</i>

Existing partners and commitments

Australian based junior miner

Economic Impact

Create ca. 150 jobs and generate c USD50m export earnings per annum.

Responsible institution

Industrial Development Corporation

Contact information

Nico van Aardt

Senior Project Developer

Industrial Development Corporation

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Copper & Zinc Project

The re-opening of a copper and zinc mine in the Northern Cape, expected total production of 284kt copper and 800kt zinc.

Project investment value <i>USD 300 million</i>	Investment Opportunity <i>Debt & Equity</i>	Project location <i>Northern Cape Province</i>
Requirements from additional partners <i>Investment</i>		Project status <i>Bankable Feasibility Phase</i>

Existing partners and commitments

Australian based junior miner

Economic Impact

Create ca. 250 jobs and generate c USD150m export earnings per annum.

Responsible institution

Industrial Development Corporation

Contact information

Nico van Aardt

Senior Project Developer

Industrial Development Corporation

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ARMet Ferrochrome

ARMet presents a strategic investment opportunity for the production of high carbon ferrochrome using innovative, energy efficient and environmentally friendly Smelt Direct smelting technology. High carbon ferrochrome is a major critical component in stainless steel manufacturing.

Project investment value	Investment Opportunity	Project location
USD 172 million	Debt & Equity financing	Machadodorp Works
Requirements from additional partners		Project status
Funding		Bankable Feasibility Phase

Existing partners and commitments

Innovative Manganese Technologies SA (IMTSA)

Economic Impact

Create ca. 150 jobs and generate c USD50m export earnings per annum.

Responsible institution

ARMet

Contact information

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Commercial Executive

ARMet

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A photograph of a nuclear power plant at night. Two large, white, hourglass-shaped cooling towers are the central focus, with thick white steam rising from their tops into the dark sky. The towers are illuminated from below, and several small red lights are visible on their sides. In the foreground, a body of water reflects the lights from the plant and the towers. To the left, other industrial buildings and structures are visible, also lit up. A person in a red jacket is standing in the water in the foreground, looking towards the plant. The overall scene is a mix of industrial and natural elements, with the artificial lights of the plant contrasting with the dark night.

Sector
Nuclear

NECSA Multipurpose Reactor (MPR) Project

The proposed NECSA MPR project entails the replacement of the end-of-life South African fundamental Atomic Research Installation (SAFARI-1) through the construction of a new 20-30 MW nuclear power research reactor at Pelindaba. The project will ensure that South Africa retains and grows its role as a major producer of key medical radiostopes for the international and domestic markets.

Project investment value	Investment Opportunity	Project location
USD 1.45 billion	Project Preparation Funding	North West Province
Requirements from additional partners		Project status
Project Preparation funding for Bankability		The Project is in the Bankability Phase
Existing partners and commitments		
National Treasury of South Africa – Funding Infrastructure South Africa (ISA) Project Preparation Support		
Responsible institution		

DOEE , NECSA

Contact information

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A tall, complex industrial distillation column or refinery tower, constructed from a dense network of steel beams and ladders. It features multiple levels of yellow safety railings and platforms. The structure is set against a clear blue sky. In the foreground, there are large, horizontal industrial pipes and structural supports, partially obscuring the base of the tower.

Sector

Oil and Gas

AgriGas Africa Biogas Project

South Africa faces a looming natural gas supply crisis due to the depletion of Mozambique's gas fields supply dwindling, anticipated by 2027-2028. As the market grapples with this impending shortfall, alternatives like liquefied natural gas (LNG) present challenges, including high infrastructure costs, lengthy development timelines, and volatile international pricing. AgriGas was established to offer a local, renewable, and low-carbon solution, providing a stable and sustainable option for clients.

AgriGas' comprehensive and innovative approach provides unmatched carbon reduction benefits, long-term pricing stability, and access to valuable Carbon Credits. AgriGas will operate alongside imported LNG by targeting niche industrial users, addressing the gas supply deficit while offering users a reliable and sustainable energy source.

This is a unique opportunity for investors to participate in South Africa's renewable energy future. Equity investment in Plant 1 will support construction and enable the scaling of operations across the six-plant Phase One programme. Investors will play a pivotal role in bridging the gap between feasibility studies and operational capacity, driving both environmental and financial returns while addressing South Africa's critical energy needs.

Guided by a mission to meet South Africa's energy demands sustainably, AgriGas is poised to deliver long-term impact for businesses, communities, and the environment.

Project investment value <i>USD 245 million</i>	Investment Opportunity <i>Asset Debt & Equity</i>	Project location <i>Sasolburg, Northern Free State</i>
Project status <i>The project is in a funding round aiming to reach bankable feasibility in Q3 2025.</i>		Requirements from additional partners <i>Asset investment</i>

Existing partners and commitments

- Development Management Company with shareholders including RMB and Invenfin (Remgro).
- Biomethane offtakers such as Sasol, Ardagh Group and Corobrik on a LOI level.
- BFAP on the agricultural R&D side.
- Krieg & Fischer Ingenieure GmbH German engineering partners.
- Celignis Laboratory on the technical biogas R&D side.
- Various agricultural feedstock producers and silage contractors.
- Lungiswa Energy on the NERSA and regulatory side.
- Various South African engineering, legal, regulatory and construction partners.

Responsible institution

AgriGas Africa (Pty) Ltd

Contact information

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Head of Developments

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COEGA LNG Import Terminal

Design, Finance, Build, Own, Operate and Maintain an LNG Importation Terminal. The project being developed on a staged modular basis with the final stage providing an LNG throughput of 3.5MTPA.

Project investment value <i>Estimated Capex at this point is circa. USD 1. 475 billion</i>	Investment Opportunity <i>Debt & Equity</i>	Project location <i>Port of Ngqura, Gqeberha, Eastern Cape province</i>
Project status <i>The project is currently entering the Bankable Feasibility study phase.</i>	Requirements from additional partners <i>Financial and Technical Investments</i>	

Existing partners and commitments

CEF Subsidiary, SFF is partnering with Tamasa to execute this project.

Responsible institution

Central Energy Fund

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 Central Energy Fund SoC Ltd
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SAPREF (Pty) Ltd

Building of a new but bigger refinery.

Assets acquired by CEF include: SAPREF land and other associated assets, including tanks, process units, pipelines to and from SAPREF to the Island View terminal and Single Buoy Mooring for crude imports.

SAPREF was a JV between Shell Refining SA and BP Southern Africa. SAPREF was established in 1963, it was the largest crude oil refinery in SA with 35% of South Africa's refining nameplate capacity processing 180,000 barrels of crude oil per day producing 10 main products in 46 different grades.

The refinery was severely impacted by extensive flooding in April 2022, which led to the refinery being non-operational.

The partner must provide technical and financial support in building a new but bigger refinery; envisioned nameplate capacity of ca. 650,000bpd.

Project investment value	Investment Opportunity	Project location
Est. USD15 billion	Debt & Equity	Durban, KwaZulu Natal
Requirements from additional partners	Project status	
Investment in the form of both technical & financial support.	The refinery was severely impacted by extensive flooding in April 2022, which led to the refinery being non-operational. In September 2024, the Competition Commission of SA, the regulator, approved CEF's acquisition of SAPREF. CEF is in the process of completing other CPs per the signed Sale & Purchase Agreement.	

Existing partners and commitments

SAPREF is a 100% subsidiary of the Central Energy Fund Group. The Group is an SOE that is owned 100% by the Government of South Africa's Department of Petroleum & Mineral Resources.

Responsible institution

Eskom Group Capital Division

Contact information

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SKORPIO N

Piloting low carbon fuels for shipping and aviation at commercial scale and providing a commercial scale sand box for hydrogen industry related technologies

Project investment value

USD 27 million

Project location

Saldanha, South Africa | Swakopmund, Namibia

Investment Opportunity

Long term strategic partnership for consumers of fossil fuels or their low carbon replacements

Access to early stage technology development in the hydrogen industry

Compliance with ISCC, FuelEU maritime 2050 and RED III

Project status

- land secured
- Offtake for IPP component secured (9MW)
- Bankable feasibility stage 2 completed
- Test facility operating
- Environmental and social impact for offshore work packages completed

Existing partners and commitments

Africa Green Co (electricity offtake) | SeaH4 (technology) | Kaoko Green Energy Solutions (technology) | IMO (support) | Get.Invest EU (financial facilitation) | others in discussion, incl. offtake in fuel

Requirements from additional partners

Any of the following:

- financial backing
- GH2 technologies
- e-fuels

Responsible institution

SeaH4 (pty) Ltd

Contact information

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CEO

SeaH4 (pty) Ltd

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Sector

Pharmaceuticals

The Biologicals and Vaccines Institute of Southern Africa

Biovac is a Public Private Partnership within the biotechnology and pharmaceutical sector. It is a manufacturer and distributor of human vaccines. It has manufacturing, packaging and warehousing facilities in Cape Town, as well as contracted warehousing facilities in Johannesburg.

Biovac is expanding its facilities located in Pinelands through the development of a new Greenfields biopharmaceutical facility to increase its manufacturing capacity of vaccines to over 1 billion doses of vaccine and biologicals to serve South Africa and the international market.

- Phase 1 of the project is the installation of a BSL2 capable vial manufacturing suite which will be suitable to formulate, fill and finish a multitude of vaccine platforms. This includes the installation of a high speed aseptic filling line capable of 50 million vials per annum (up to 500 million doses in a 10 dose vial format), in addition to the vial suite, there is also a Blow, Fill, Seal (BFS) suite which is suitable to fill vaccines requiring oral dosage. Both suites will have associated packing line, QC laboratory (suitable for microbial, immunological and chemical testing of live and non-live vaccines), warehousing and various utility and support areas. The BFS suite is complimented by a large scale drug substance suite to manufacture Biovac's internally developed Oral Cholera Vaccine (OCV) at suitable scale for supply to the African continent and beyond. The OCV vaccine is currently earmarked to commence with an abridged phase 1/3 clinical trial study.

Phase 1 of the project is fully scoped and a conceptual and basic engineering design has been completed.

- Phase 2 includes the installation of an additional filling and packaging line bringing the capacity up to 100 million doses/annum, a second drug substance manufacturing suite and the full automation of the warehouse. Note that Phase 2 has not yet been fully scoped beyond site master planning and is adaptable to future demands, depending on the business case.

Request for assistance in securing suitable funding to implement the project (grant and soft and/or patient debt funding due to the long timelines) for the expansion.

Project investment value

USD 150 million for phase 1 only

Investment Opportunity

Debt or Grant

Requirements from additional partners

Loan and market partnership

Project location

Cape Town, South Africa

Project status

To date, Biovac has invested over R800 million in infrastructure and skills development with an economic benefit of over R500 million per year to the South African economy. The project outcomes concluded include, but not limited to, the following:

- Completed detailed Feasibility Study for a large-scale Drug Substance and Drug Product vaccine manufacturing facility capable of producing both live and non-live vaccines at a scale of >100 million single dose vials per annum.
- Biovac agreements with international partners for technology transfer (including Sanofi) as well as with the WHO as a participant in the WHO mRNA manufacturing Hub.

Existing partners and commitments

Three shareholders Department of Science and Innovation (RSA), Technology Innovation Agency and Biovac Consortium.

Biovac has partnered with research organisations like the University of Cape Town, Council for Scientific and Industrial Research – CSIR, international organisations (World Health Organisation – WHO, Program for Applied Technologies in Health – PATH), industry (Sanofi Pasteur of France, BioFarma of Indonesia, Pfizer of USA) and funding organisations (IDC).

Responsible institution

Biovac

Contact information

Chief Financial Officer

BIOVAC

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mRNA Technology platforms for vaccine development and manufacturing

A company, established by the IDC, which has technology platforms for vaccine development and manufacturing and has a pipeline of novel mRNA vaccines in development has embarked on a process to attract a strategic equity partner (SEP).

Project investment value

USD 60 million

Investment Opportunity

Equity

Project location

Cape Town, Western
Cape Province

Requirements from additional partners

Investment and strategic market
access or product pipeline.

Existing partners and commitments

Two shareholders, including
the IDC.

Project status

Fully operational well governed company preparing for SAHPRA GMP licence for drug substance, drug product production and aseptic fill finish at a capacity of 50 million doses of mRNA vaccines. Expanding a pipeline of vaccine products for commercialization.

Responsible institution

Industrial Development Corporation

Contact information

Sunil Gopal

Industrial Development Corporation

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Lu-177 radionuclide therapy for neuroendocrine tumors and prostate cancer

The project seeks to establish an additional production line for Lu-177 API in order to take advantage of increased demand (a small-scale facility is established at NTP Radioisotopes but demand exceed capacity). Lu-177 based radionuclide therapy is applicable as a 2nd and 3rd line for neuroendocrine tumors and as a 3rd and 4th line for prostate cancer.

Project investment value	Investment Opportunity	Project location
USD 8.85 million	Debt & Grant	Necsa Pelindaba Site
Requirements from additional partners	Project status	
Investment	Bankable Business Case	

Existing partners and commitments

ITM (technology partner)

Responsible institution

Nuclear Energy Corporation of South Africa
(Technology & Project Owner)

Contact information

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Sector
Plastics

Plastics Project

The project intends building and operating a Polyethylene Terephthalate (“PET”) manufacturing plant with a 300 000 tons per annum (“TPA”) PET capacity. This manufacturing facility will serve the local as well as international markets (exports). One of the major anticipated offtakes is Coke for the PET. The technology to be used is proven and used worldwide. The plant will be built by an accredited global player in polymer plants. This would be the first locally owned PET production facility.

Project investment value	Investment Opportunity	Project location
USD 195 million	Debt & Equity	Coega Industrial Development Zone, Eastern Cape Province
Requirements from additional partners	Project status	
Investment	Capital Raise Phase	

Existing partners and commitments

EPC: China; Future offtake: SA and Africa customers: Coke; Funders: commodity trading company, African Bank, Public Investment Corporation.

Requirements from additional partners

Funding

Responsible institution

Industrial Development Corporation

Contact information

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Bote Industries (Pty)Ltd

Bote Industries (Pty) Ltd ("Bote") is a special purpose vehicle ("SPV") established by Smegstar Engineering to manufacture rubber products in the RBIDZ. Smegstar was established in 2015. The company started trading in the supply and distribution of hand-built industrial hoses, servicing large and small companies in KwaZulu-Natal. In the last three years, it has expanded its footprint to Gauteng, Limpopo, and Mpumalanga. Most of its customers are large mining houses that utilise rubber hoses for the transportation of slurry, dredging soil, oil, and water. The project produces hand-built rubber hoses for both local and export markets.

Project investment value

USD 12 million

Investment Opportunity

Generate 120 job opportunities

Hosting for unemployed graduates via the programme Itukise (Internship for Unemployed Graduates) offered by the department of trade and industry (DTI).

To create opportunities in areas like transportation, recycling fabrication etc

Requirements from additional partners

Additional Funding of R50 million
BIS Application Lodged

Project status

Construction phase, expected to be operational in June 2025

Project location

Phase 1A, Richards Bay Industrial Development Zone (RBIDZ), KwaZulu-Natal.

Existing partners and commitments

the dtic SEZ Fund has approved R115.451m for Top Structure and South32 has provided an interest free loan of R52.1m and a grant of R14m.

CI Welding Suppliers: Offtake agreement

Dynasty Mining Group (Pty) Ltd: Offtake agreement

Publique Hydraulics: Offtake for rubber and hydraulic hoses

South 32: Offtake agreement

Rio Tinto: Offtake agreement

Tronox: Offtake agreement

Responsible institution

Richards Bay Industrial Development Zone

Contact information

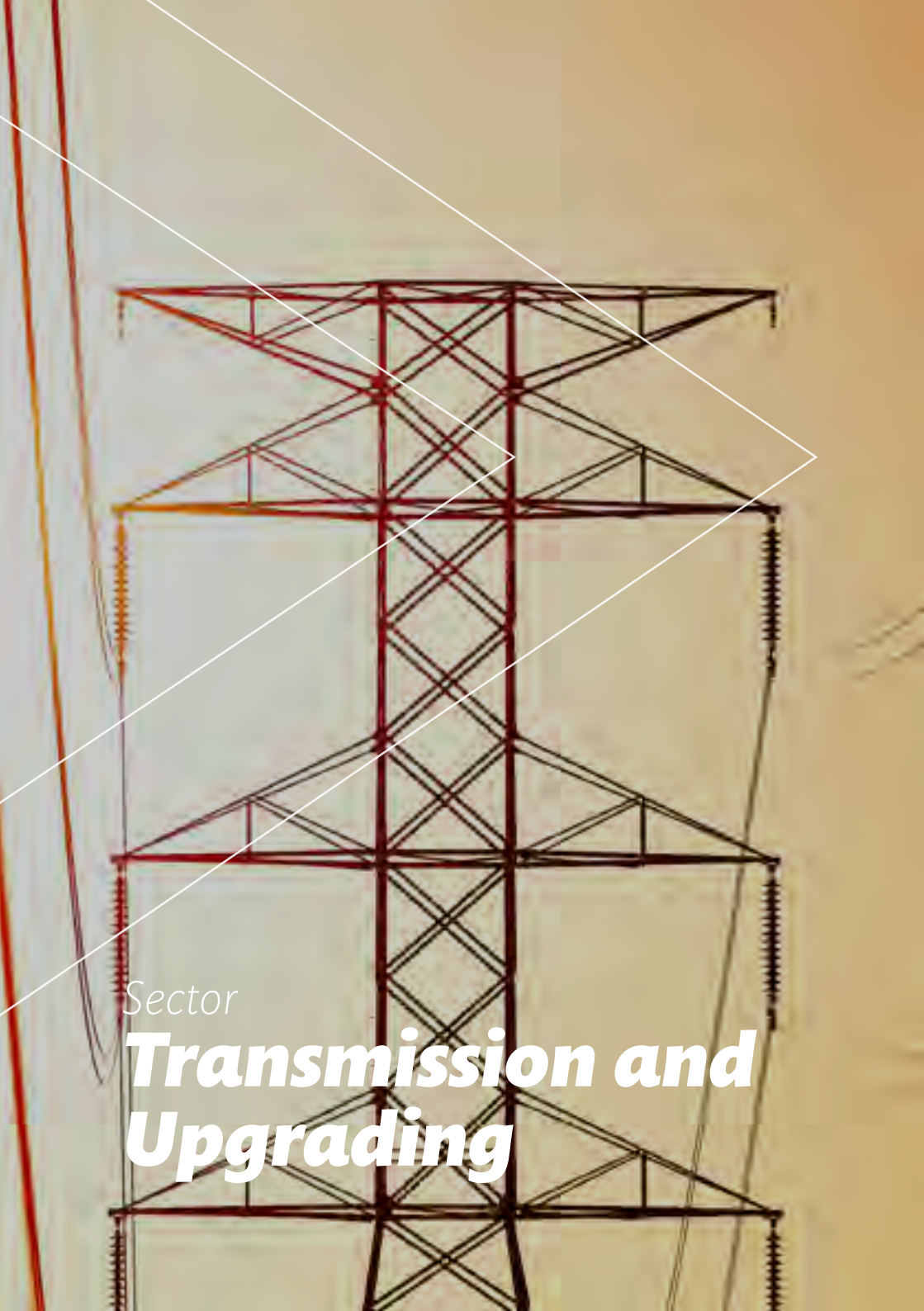
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Sector

Transmission and Upgrading

Waterberg GX Integration: 400kV Stability Project

Required to strengthen the power network to allow for growth, reliability and support of Final generation.

Project scope:

- 1) Construction of 220 km of Medupi Witkop 400kV Transmission Line. Equip 1 X 400kV bay at Witkop and Medupi Substations for the new Medupi Witkop 400KV Line

Project investment value	Investment Opportunity	Project location
USD 114.75 million	Debt & Equity	Limpopo Province
Requirements from additional partners		Project status
Investment		The project is currently in an execution phase.

Responsible institution

Eskom

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Upington Str: Aries-Upington 400kV line 1 – IPP Project

Infrastructure (Substations and lines) required to directly integrate Final generation into the power network.

Project scope:

1) Aries-Upington 1st 400kV Line (145 km)

Project investment value

USD 65.57 million

Investment Opportunity

Debt & Equity

Project location

Northern Cape
Province

Requirements from additional partners

Investment

Project status

The project is currently in an
execution phase.

Responsible institution

Eskom

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Namaqualand Strengthening PH2

Infrastructure required to directly integrate future generation into the power network. Project scope:

1) Gromis Substation:

- Build a 400kV High Voltage (HV) yard with control room.
- Upgrade existing 220kV Nama feeder bay for double busbar selection.
- Build a 400kV feeder bay.
- Establish a 315MVA 400/220/22kV transformer and 400kV 100MVar line reactor bay.
- Fully equipped busbar 1 Capacitor Voltage Transformer (CVT) bay.

-2) Juno Substation

- Establishment of a 400kV feeder bay.

3) Gromis Juno Line

- Construct a 286km 400kV line from Gromis Main Transmission Substation (MTS) to Juno MTS.

Project investment value

USD 98.36 million

Investment Opportunity

Debt & Equity

Project location

*Northern Cape
Province*

Requirements from additional partners

Investment

Project status

*The project is currently in
execution phase.*

Responsible institution

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Kusile TX Integration

Infrastructure required to directly integrate generation into the power network.

Project scope:

- 1) Construct a 116 km 400 kV line from Kusile Power station HV Yard to Lulamisa SS. At Lulamisa Substation install a new 400 kV feeder bay.

Project investment value

USD 169.4 million

Investment Opportunity

Debt & Equity

Project location

Mpumalanga
Province

Requirements from additional partners

Investment

Project status

The project is currently in
execution phase.

Responsible institution

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Koeberg 400KV Busbar Reconfig and Trans

Required to strengthen the power network to allow for growth, reliability and support of Final generation.

Project scope:

1) New 2x250MVA 400/132kV GIS substation and deviation of associated 400kV & 132kV lines.

Project investment value <i>USD 81.97 million</i>	Investment Opportunity <i>Debt & Equity</i>	Project location <i>Western Cape Province</i>
Requirements from additional partners <i>Investment</i>	Project status <i>The project is currently in execution phase.</i>	
Responsible institution		

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Kimberley Ph 4B: Boundary 400kV ph2

Infrastructure (Substations and lines) required to directly integrate Final generation into the power network.

Project scope for Phase 4 A:

1) Boundary 400 kV Strengthening (2024)

- Establish 400 kV yard at Boundary Substation
- Install 500 MVA 400/132 kV transformation at Boundary

2) Beta – Boundary 400 kV line (2024)

- Establish and Equip 1 x 400 kV feeder bay at Beta Substation
- Install and equip 1 x 400 kV feeder bay at Boundary
- Construct the first 400 kV line from Beta to Boundary (~83 km)

Project investment value

USD 60.11 million

Investment Opportunity

Debt & Equity

Project location

Northern Cape Province

Requirements from additional partners

Investment

Project status

The project is currently in execution phase.

Responsible institution

Eskom

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IPP Highveld South Phase 2 Wonderkrag

Required to strengthen the power network to allow for growth, reliability and support of Final generation.

Project scope for Phase 2:

- 1) New Mulalo MTS - 5 x 500MVA, 400/132kV transformers
- 2) Busbar Reactors
- 3) Loop/Turnins from Kriel - Tutuka 400kV line
- 4) Loop/Turnins from Kriel - Zeus 400kV line
- 5) 8 x 132kV Feeder Bays

Project investment value

USD 81.97 million

Investment Opportunity

Debt & Equity

Project location

Mpumalanga
Province

Requirements from additional partners

Investment

Project status

The project is currently in
execution phase.

Responsible institution

Eskom

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Hydra-Kronos-Aries 400kV line 2 - IPP

Infrastructure required to directly integrate Final generation into the power network. Project scope:

1) Hydra – Kronos 2nd 400 kV Line:

- Extend 400 kV busbars at Kronos MTS
- Establish and equip new 400 kV feeder bay at Kronos MTS
- Equip spare feeder bay at Hydra MTS
- Construct a second 187 km 400 kV line from Hydra MTS to Kronos MTS
- Bypass series compensation on the first Hydra – Kronos 400 kV line

2) Aries – Kronos 2nd 400 kV Line:

- Extend 400 kV busbars at Aries MTS, -Establish and equip new 400 kV feeder bay at Aries MTS
- Construct a second 165 km 400 kV line from Aries MTS to Kronos MTS
- Bypass series compensation on the first Aries – Kronos 400 kV line

Project investment value

USD 125.68 million

Investment Opportunity

Debt & Equity

Project location

*Northern Cape
Province*

Requirements from additional partners

Investment

Project status

*The project is currently in
execution phase.*

Responsible institution

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Erica MTS + Phillipi-Erica 400kV Line

Required to strengthen the power network to allow for growth, reliability and support of Final generation.

Project scope:

- 1) 2x500MVA 400/132kV Erica Substation and 12km 400kV D/C line loop in-out of Stikland-Pinotage 400kV line.
- 2) Installation of 400kV busbar and 3rd 400/132kV 500MVA TRFR at Phillipi substation.
- 3) 10km New Phillipi-Mitchells Plain (Erica) 400kV Line.

Project investment value

USD 60 million

Investment Opportunity

Debt & Equity

Project location

Western Cape
Province

Requirements from additional partners

Investment

Project status

The project is currently in
execution phase.

Responsible institution

Eskom

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Emkhiweni 400/132kV S/S Integr Ph 1A

Required to strengthen the power network to allow for growth, reliability and support of Final generation.

Project scope:

- 1) New Emhikweni substation with 2 x 6 km 400kV loop lines into Arnot -Kendal lines and replace earthwire on the existing Arnot – Kendal line with OPGW and ACSR conductor.

Project investment value

USD 76.5 million

Investment Opportunity

Debt & Equity

Project location

Mpumalanga
Province

Requirements from additional partners

Investment

Project status

The project is currently in
execution phase.

Responsible institution

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Ariadne Eros

Required to strengthen the power network to allow for growth and reliability.

Project scope:

- 1) 1x 132 kV Feeder Bay (Primary & secondary plant) at Ariadne Substation
- 2) 1x 400 kV Feeder Bay (Primary & secondary plant) at Ariadne Substation
- 3) 1x 400 kV Feeder Bay (Primary and secondary plant) at Eros Substation
- 4) 1x 2nd 400/132 kV Multi circuit line for 120 km (Kenterton take loop in point)
- 5) 1x new 400 kV line for 54 km from St Faith loop in point to Eros Substation.

Project investment value

USD 103.83 million

Investment Opportunity

Debt & Equity

Project location

KwaZulu Natal
Province

Requirements from additional partners

Investment

Project status

The project is currently in
execution phase.

Responsible institution

Eskom

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Aggeneis-Paulputs 220kv Line

Infrastructure (Substations and lines) required to directly integrate Final generation into the power network.

Project scope:

- 1) Construct a 93 km 400 kV Line from Aggeneis to PaulputsAggeneis Substation
- 2) Establish/Equip a 400 kV feeder bay at Aggeneis SubstationPaulputs Substation
- 3) Establish a 400 kV yard and associated equipment at Paulputs Substation
- 4) Establish/Equip a 400 kV feeder bay at Paulputs Substation
- 5) Install a new 500 MVA 400/132 kV transformer and associated transformer bays at Paulputs Substation

Project investment value <i>USD 60.11 million</i>	Investment Opportunity <i>Debt & Equity</i>	Project location <i>Northern Cape Province</i>
Requirements from additional partners <i>Investment</i>		Project status <i>The project is currently in execution phase.</i>
Responsible institution		

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Sector
Waste

Atlantis Pyrolysis Project

The Atlantis Pyrolysis Plant is a waste-to-energy facility designed to process non-recyclable plastics (primarily polyolefins, excluding PVC and polystyrene) and tyres, and convert them into pyrolysis oil.

The oil will be sold as furnace fuel for industrial heating applications

Project investment value <i>USD 75 million</i>	Investment Opportunity <i>Debt & Equity financing available</i>	Project location <i>Located in Atlantis, Cape Town</i>
Requirements from additional partners <i>Minimum Investment [To be determined]</i>	Project status <i>Bankability phase</i>	

Responsible institution

South African government departments

State Owned Entities, private logistics, storage and transport companies

Non-Profit Organisations and information groups, community forums

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A high-speed photograph of water being poured into a clear glass. The water is captured mid-pour, creating a dynamic splash and ripples inside the glass. The background is a soft, out-of-focus blue-grey. The entire image has a monochromatic blue tint. Two thin white diagonal lines cross the upper left portion of the image. The text 'Sector Water' is positioned in the lower-left area, with 'Sector' in a light blue serif font and 'Water' in a bold white sans-serif font.

Sector
Water

Olifants Management Model Programme (OMMP)

The OMMP is a source-to-tap solution, through a 50:50 public-private collaboration, that will supply water to targeted communities and commercial users. It consists of 6 projects implemented in 6 stages over 10 years, with Stage 1 requiring USD \$415 million. The South African Government has committed 50% of the funding, with 50% available to private sector investors.

Project investment value

USD 1.35 billion (@ R18,55 ZAR to USD)

Investment Opportunity

Debt & Equity

Project location

Limpopo Province, South Africa

Requirements from additional partners

Blended Finance solutions

Project status

The technical study phase and Full Business Case were completed in Q3 2024. Financial close and Stage 1 construction commencement are anticipated in Q1 2025, with early works concluding in Q2 2025. Government funding is secured for Stages 1 and 2, with Stage 1 private funding to be finalised by Q1 2025.

Economic Impact

The OMMP will benefit ~42 000 people through direct, indirect and induced employment, while providing yard connections for potable water to ~390 000 rural residents without access to running water. It is projected to contribute R3.2 billion annually in capital expenditure during construction, with R3.9 billion in operational expenditure and R5.9 billion in additional mining revenue annually for the next 31 years.

Existing partners and commitments

Government (represented by the Department of Water and Sanitation) and various large-scale commercial users (primarily from the platinum mining sector).

Responsible institution

Department of Public Works and Infrastructure acting through Infrastructure South Africa and the Development Bank of Southern Africa is mandated to create blended finance solutions.

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Why invest in South Africa?



Robust green investment ecosystem

With a burgeoning cleantech sector supported by government incentives and private initiatives, South Africa offers a fertile ground for investment, fostering collaboration between industry leaders and startups.



Sophisticated financial markets

South Africa's financial markets are regarded as some of the most sophisticated among emerging markets. A sound legal and regulatory framework governs financial institutions and transactions. ABSA's Financial Markets Index rates South Africa first in terms of market depth, access to foreign exchange, market transparency, tax and regulatory environment. The Johannesburg Stock Exchange (JSE) is the largest stock exchange by market capitalisation on the Continent.



Largest presence of multinationals in Africa

South Africa is the investment destination of choice for a substantial number of global corporates, who enjoy the benefits of doing business in the country. More than 180 Fortune Global 500 companies are present in South Africa. Many of the multinationals currently operating in the country have made significant pledges of increased investment through the South Africa Investment Conference.



Abundant natural resources

South Africa non-energy minerals estimated to be of US\$2.4 trillion upwards, making it the wealthiest mining jurisdiction in the world. South Africa has the largest reserves of Platinum-group metals (PGMs; 88%), Manganese (80%), Chromite (72%) and Gold (13%) known reserves in the world. It is ranked second in Titanium minerals (10%), Zirconium (25%), Vanadium (32%), Vermiculite (40%) and Fluorspar (17%). In addition, the country contains 17% of the world's antimony reserves.



Quality infrastructure and robust logistics sector

Well established and continued investment in infrastructure, South Africa is positioned as a key global hub and attractive gateway into the rest of the continent. The South African Government has announced plans to spend R900 billion by 2027 on transportation infrastructure. Current bottlenecks are being tackled in partnership with private sector.



Manufacturing Hub

South Africa has a well-developed, diversified manufacturing base that has shown its potential to compete globally and serves as a manufacturing hub to supply the rest of the continent for several consumer product companies. Our diverse manufacturing sector means investors can pick the industries they wish to explore. Niche industries such as food processing, beverages, motor manufacturing and wood products have reached maturity and are ripe for foreign direct investment.

The African Continental Free Trade Area (AfCFTA) will boost intra-Africa trade and create a new market of over 1 billion people with combined GDP of over US\$2 trillion. South Africa has several trade agreements that provide an export platform into those markets. As the most industrialised country on the continent, the South African economy stands to benefit significantly from the implementation of AfCFTA.

South Africa is the investment destination of choice for a substantial number of



Favorable market access to regional markets

The country's strategic location at the tip of Africa makes it the ideal entry point into the rest of the continent, a potential market of more than one-billion consumers through regional agreements such as the Southern African Customs Union (SACU) and African Continental Free Trade Area (AfCFTA). Outside the continent South Africa is a member of the World Trade Organization (WTO), the G20, and the informal BRICS (Brazil, Russia, India, China, and South Africa) association of emerging economies. The Johannesburg Stock Exchange (JSE) ranks among the top emerging market exchanges in the world. Small, Medium, Micro and cooperative Enterprises are participants in all productive value chains, with their increasing participation further enhancing South Africa's economic diversification.



South Africa's Services Sector: A Key Driver of Economic Growth and Employment

global corporates, who enjoy the benefits of doing business in the country. More than 180 Fortune Global 500 companies are present in South Africa. Many of the multinationals currently operating in the country have made significant pledges of increased investment through the South Africa Investment Conference. South Africa's services sector is a major pillar of the economy, contributing approximately 73% to the national GDP. Key subsectors include finance, real estate and business services (21.6%), government services (17%), wholesale and retail trade including catering and accommodation (15%), and transport, storage, and communication (9.3%).

This sector not only dominates the national economy but also significantly influences the broader Southern African region, accounting for 67% of its combined services output. The sector's importance is poised to grow further with the expansion of Africa's middle class, driving demand for a diverse range of services and boosting export potential.



Solidarity

Equality

Sustainability

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Trade, Industry and Competition
REPUBLIC OF SOUTH AFRICA

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Inspiring new ways