

Fixed investment note: 2022's SA Investment Conference showed continued positive sentiment in the pledges for infrastructure investment in SA



Major capex projects in the next five years				
Announced date	Project Name	Company Name	Est. value (m)	Est. Completion date
Apr-12	Transnet's Market Demand Strategy (MDS)	Transnet	300000	Apr-20
Mar-12	Renewable Energy Independent Power Producer Procurement Programme (REIPPP) - Second round residual - 13 projects	Various companies	14448	Dec-19
May-12	The Square Kilometre Array (SKA) project - Phase 1	Department of Science and Technology	8900	Dec-23
Aug-12	Boikarabelo coal project	Resource Generation (ResGen)	4500	Dec-20
Apr-12	Makhado coking coal project	A joint venture deal between Coal of Africa Limited and Rio Tinto Coal and its associates, Kwezi Mining & Exploration and Chapudi Coal.	3600	Dec-22
May-12	Clanwilliam Dam	Department of Water Affairs	2200	Oct-22
Apr-12	Transnet's Market Demand Strategy (MDS)	Transnet	300000	Apr-20
Mar-12	Renewable Energy Independent Power Producer Procurement Programme (REIPPP) - Second round residual - 13 projects	Various companies	14448	Dec-19
May-12	The Square Kilometre Array (SKA) project - Phase 1	Department of Science and Technology	8900	Dec-23
Aug-12	Boikarabelo coal project	Resource Generation (ResGen)	4500	Dec-20
Apr-12	Makhado coking coal project	A joint venture deal between Coal of Africa Limited and Rio Tinto Coal and its associates, Kwezi Mining & Exploration and Chapudi Coal.	3600	Dec-22
May-12	Clanwilliam Dam	Department of Water Affairs	2200	Oct-22

Source: Nedbank Capex

(continued): Major capex projects in the next five years

Announced date	Project Name	Company Name	Est. value (m)	Est. Completion date
Jan-13	Durban dug-out port	Transnet	75000	Jan-24
Jun-13	Renewable Energy Independent Power Producer Procurement Programme (REIPPP) - third round	Various companies	42000	Jun-22
Oct-13	Savana City Mixed-use Development	Basil Read and Old Mutual's Housing Impact Fund of South Africa (HIFSA)	24000	Dec-23
Mar-13	Venetia underground diamond mine	De Beers Consolidated Mines South Africa (DBCM)	20000	Dec-21
Mar-14	Wind farm projects, Northern Cape - Round 3 of the DoE's	Various companies	9000	Dec-22
Mar-14	Mogale City (Leratong City) Regional Mall	Trendville Consortium	2000	Jun-23
Mar-14	Bay West Mall	Abacus Asset Management and the Billion Group	2000	Jun-25
Mar-15	Palabora Copper's Lift 2 project	Bauba Platinum	9300	Dec-33
Jan-16	South African State-owned vehicle manufacturing plant project	The Industrial Development Corporation (IDC) and the Beijing Automotive Group Corporation (BAIC)	12000	Dec-27
Jan-17	Sibaya Coastal Precinct project	Tongaat Hulett Developments	50000	Dec-38
Mar-17	The Leeuwoort housing project	Gauteng Department of Human Settlements	8900	Dec-24
Apr-17	Clayville mixed-use housing project	Gauteng Department of Human Settlements	6000	Dec-22
Mar-17	Thabametsi coal mine project – Phase 1	Exxaro Resources	3000	Dec-22

Source: Nedbank Capex

(continued): Major capex projects in the next five years				
Announced date	Project Name	Company Name	Est. value (m)	Est. Completion date
Apr-18	The Department of Energy (DoE) fourth Renewable Energy Independent Power Producer Procurement Programme (REIPPPP)	Various companies	38000	Dec-24
Oct-18	Mercedes-Benz South Africa East London plant	Mercedes-Benz South Africa	10000	Dec-23
Oct-18	Mondi capital expenditure	Mondi	8000	Dec-23
Jan-18	Sinopec Chevron refinery upgrade	Sinopec	6000	Dec-23
Jul-18	Sappi Saiccor expansion plan - Project Vulindlela part 2	Sappi Limited	5000	Dec-25
May-18	Tshwane Auto City - Phase 1	Automotive Industry Development Centre (AIDC), a wholly owned government subsidiary	4300	Dec-25
Jan-18	Offshore supply base	Transnet	1800	May-23
Oct-18	Rain Mobile	Rain Mobile	1000	Dec-23
Apr-19	Dube Trade Port Special Economic Zone (DTP SEZ) – Phase 2	Dube TradePort Corporation, owned by the KwaZulu-Natal Provincial Government	18000	Dec-24
Nov-19	Cape Town Harbour Arch	Amdec Group	14000	Dec-25
Jan-19	Cape Town International Airport expansion	Airports Company South Africa (ACSA)	7500	Dec-23
Jun-19	Gauteng Provincial Government (GPG) road infrastructure	Gauteng Provincial Government	6500	Sep-22
Oct-19	Atterbury mix-use development - Phase 1	Atterbury Property Fund	6000	Dec-29
Nov-19	Steyn City Lifestyle Resort - Phase 2	Steyn City Properties	5500	Dec-25
Jan-19	Conradie Better Living	Partnership between the Western Cape Government, the City of Cape Town and the private sector	5000	Dec-22
Mar-19	uMkhomazi bulk water scheme	KwaZulu-Natal provincial government	4700	Dec-22
Jan-19	OR Tambo International Airport expansion - Phase 1	Airports Company South Africa (ACSA)	4500	Dec-23
Feb-19	Prieska zinc/copper project	Orion Minerals	3780	Dec-24
Jan-19	Sapref refinery upgrade	Shell and BP	3500	Dec-23

Source: Nedbank Capex

(continued): Major capex projects in the next five years

Apr-19	Barlow Park Precinct redevelopment	Barloworld, Atterbury and African Rainbow Capital, with each party holding one-third of the property.	3000	Jun-25
Jun-19	The Tambo Springs Intermodal Terminal	Transnet	2500	Sep-22
Nov-19	Automotive components makers	Various	2400	Dec-25
Jul-19	Zandvliet Wastewater Treatment Works	City of Cape Town	1700	Dec-24
Aug-19	Blyvoor gold project	Blyvoor Gold Capital	1500	May-23
Nov-19	Lanseria International Airport expansion	Lanseria Airport	1500	Dec-28
Dec-19	Isuzu <u>next-generation</u> bakkie programme	Isuzu Motors South Africa	1200	Dec-22
Jul-19	Heineken Sedibeng brewery expansion	Heineken SA	1000	Dec-22
Mar-19	Stellenbosch University Biomedical Research Institute (BMRI)	Stellenbosch University	1000	Dec-22
Dec-19	Witfontein underground coal project	Menar	1000	Dec-23

Source: Nedbank Capex

- Today's fourth SA Investment Conference (SAIC) is part of a five year drive to achieve R1.2trillion in private sector fixed investment in South Africa, and showed substantial investment commitments from large corporates, benefitting the rand which has run towards R14.50/USD, also on the hawkish tone of the MPC today, and its 25bp interest rate hike.
- Returning to fixed investment, before today's 2022 conference, R774 billion had been pledged by the private sector, domestically and internationally, over the past few years to the fixed investment goal for SA, two-thirds of which were spread across sectors such as mining, manufacturing, agriculture, the digital economy (SA Investment Conference (SAIC) website).
- This then left another R426 billion to be raised this year and next. Of the 152 pledges made during the first three investment conferences, 45 have been reported as completed, or will soon be completed, while 57 are under construction. 2022's Investment Conference shows notable progress towards the goal.
- While the MPC announcement and global market forces will have impacted SA markets today, the conference outcome was nevertheless market positive. Indeed, the SAIC's aim is to showcase investment opportunities in South Africa in order to boost economic growth afflicted by the pandemic and global slowdown. The conference had a particular business friendly tone, a necessary positive for business sentiment.
- Strong infrastructure investment in South Africa is part of government's planned economic stimulus (as well as its economic and social objectives), with the capital expenditure driven by both the private and public sectors, and in combination with each other. This is key, with SA in an upwards interest rate cycle, which is growth negative. The MPC's 25bp hike today brings its increases to 75bp in the current cycle, and it is likely there will be at least a 25bp hike at each remaining MPC meeting this year.
- The SA Investor Conference today highlights large scale private sector fixed investment plans, while the Economic Reconstruction and Recovery Plan (ERRP) outlines government's capex plans, which include general government infrastructure investment

over the next three years of R500 billion. This should also not be discounted, and builds into our exception that South Africa's economic growth will lift towards 3.0% y/y by 2026.

- The ERRP also commits a further R100 billion “over a decade from 2019/20 to the Infrastructure Fund to leverage private- sector and development finance, with R24 billion allocated over the 2022 MTEF period.” SA could see quicker economic growth over the next few years (we currently expect around 2.0% y/y in 2023 and 2024, and closer to 2.5% y/y by 2025) if economic growth reforms are expedited.
- This year the National Investment Plan 2050 (or NIP2050) was launched, aligned with the National Development Plan (NDP) 2030, and with the purpose of providing a long-term infrastructure planning framework for South Africa. The broadscale plans will strengthen longer-term growth, and improve socio-economic conditions if successful, although in the short-term SA remains at risk from global geo-political events and from a stagflationary environment.
- During today's conference President Ramaphosa highlighted that infrastructure "does move the needle, it may not wipe out the entire unemployment (figure), but it does add to the number of people who are employed. ... I think we are going to meet our target and even exceed it because South Africa is a really hot investment destination.”

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(continued): Major capex projects in the next five years				
Announced date	Project Name	Company Name	Est. value (m)	Est. Completion date
May-20	Strategic Integrated Projects - The residential (Human Settlement) sector	Department of Human Settlements, Water and Sanitation	138000	Jun-31
May-20	Strategic Integrated Projects - water and sanitation	Department of Human Settlements, Water and Sanitation	106000	Jun-31
May-20	Strategic Integrated Projects - energy sector (emergency power programme)	Department of Mineral Resources and Energy	58000	Jun-31
May-20	Strategic Integrated Projects - transport sector	Department of Transport	47000	Jun-31
Oct-20	United Heavy Industries investment drive	United Heavy Industries	17000	Dec-25
Sep-20	Mooikloof Mega-City - Phase 1	Balwin	9600	Dec-25
Apr-20	Munyaka Estate	Balwin Properties	9000	Apr-28
May-20	Strategic Integrated Projects - Agriculture and Agro-processing sector	Department of Agriculture, Land Reform and Rural Development	7000	Jun-31
Jul-20	Kapstevel South Project	Kumba Iron Ore	7000	Dec-24
Aug-20	River Club redevelopment	Western Cape government and Liesbeek Leisure Properties	5000	Dec-25
May-20	Teraco Cape Town 2 (CT2)	Teraco	4400	Mar-22
May-20	Strategic Integrated Projects - The digital sector (the Space Infrastructure Hub for National Development).	Department of Communications and Digital Technologies	4000	Jun-31
Apr-20	Matla life-of-mine (LoM) projects	Exxaro - Eskom	3300	Dec-24
Mar-20	King Air Industrial park	Atterbury Property and Old Mutual Properties	3000	Dec-25
Nov-20	Eland mine complex	Northam Platinum	2200	Dec-25
May-20	Msikaba bridge	South African National Roads Agency Limited (Sanral)	1600	Dec-22
Aug-20	Palmietkuilen Colliery Project	Menar	1500	Dec-23
Nov-20	PG Bison investments projects (medium density flipboard)	PG Bison	1420	Jun-23
Jun-20	Metair manufacturing and logistics facilities	Metair	1300	Dec-25

Source: Nedbank Capex

(continued): Major capex projects in the next five years

Announced date	Project Name	Company Name	Est. value (m)	Est. Completion date
Feb-21	Lanseria Smart Mega City	Crosspoint, in cooperation with the Gauteng Department of Human Settlements	500000	Dec-41
Feb-21	South African National Roads Agency Limited (Sanral) N2 and N3 highway upgrade	Sanral	30000	Dec-22
May-21	SA Connect Phase 2	Department of Communications and Digital Technologies	20000	Dec-30
Mar-21	Gauteng Department of Roads and Transport infrastructure project book	Gauteng Department of Roads and Transport	17400	Dec-30
Feb-21	Ford SA Silverton factory upgrade	Ford	15800	Jun-22
Mar-21	Two Rivers Merensky project	African Rainbow Minerals (54%) and platinum group metals producer Impala Platinum (46%).	5700	Dec-22
Mar-21	Gauteng Department of Roads and Transport infrastructure project book - Private developer contribution	Various	5600	Dec-30
Feb-21	K4 platinum group metals (PGMs) project	Sibanye Stillwater	3900	Dec-22
May-21	Student Housing Infrastructure Programme	Department of Higher Education and Training (DHET)	3400	Dec-30
May-21	Saldanha Bay Industrial Development Zone Phase 1	Saldanha Bay Industrial Development Zone (SBIDZ)	3200	Dec-30
May-21	Crocodile Mokolo water augmentation project (CMWAP) - Phase 2	Department of Water Affairs and Trans-Caledon Tunnel Authority (TCTA)	3000	Dec-30
May-21	One Stop Border Posts	Department of Home Affairs and Border Management Authority (BMA)	1500	Dec-30
Apr-21	Inxuba Yethemba local municipality road projects.	South African National Roads Agency Limited (Sanral) and Inxuba Yethemba local municipality	1200	Dec-24
Apr-21	Transvaal Gold Mining Estate Ltd (TGME) underground project.	Theta Gold Mines	1009	Jun-23

Source: Nedbank Capex

Public-sector infrastructure expenditure and estimates, 2018/19-2024/25								
R billion	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	MTEF Total
	Outcomes			Estimates				
Energy	39.9	26.2	30.0	34.5	35.4	45.2	44.1	124.8
Water and sanitation	27.1	22.5	29.5	33.9	41.4	43.9	45.7	131.1
Transport and logistics	74.4	70.5	58.6	73.8	88.6	106.1	117.1	311.8
Other economic services	13.5	5.7	6.9	23.6	21.9	20.3	20.3	62.6
Health	11.3	12.2	14.7	13.8	14.1	13.4	12.9	40.4
Education	17.2	17.4	14.2	16.4	19.4	18.4	19.1	56.9
Human settlements ¹	15.0	20.9	13.3	13.4	14.3	14.9	15.1	44.3
Other social services	10.1	4.7	4.1	2.2	2.1	1.9	2.0	6.0
Administration services ²	7.7	7.4	12.1	12.0	12.3	11.2	11.2	34.7
Total	216.2	187.4	183.4	223.6	249.6	275.4	287.5	812.5
National departments	13.6	13.8	11.4	14.4	17.5	17.3	17.2	52.0
Provincial departments	59.5	61.0	51.8	60.1	61.0	61.2	63.3	185.5
Local government	61.0	41.2	55.6	62.1	63.0	64.3	67.2	194.4
Public entities ³	9.6	14.5	8.8	21.6	27.3	37.4	43.7	108.4
Public-private partnerships	4.9	5.6	4.9	6.8	7.1	6.6	6.7	20.4
State-owned companies ³	67.5	51.2	50.8	58.6	73.6	88.6	89.5	251.7
Total	216.2	187.4	183.4	223.6	249.6	275.4	287.5	812.5

Source: National Treasury

1. Human settlements includes public housing amounting to R44.3 billion over the MTEF period
2. Administration services includes infrastructure spending by the departments of International Relations and Cooperation, Home Affairs, and Public Works and Infrastructure, Statistics South Africa and their entities
3. Public entities are financed by capital transfers from the fiscus and state-owned companies are financed from a combination of own revenue and borrowings

Community development expenditure, 2021/22-2024/25						
R million	2021/22	2022/23	2023/24	2024/25	% of Total MTEF	Average annual MTEF growth
	Revised estimate		Medium-term estimates			
Human settlements	39,181	41,293	42,532	43,955	16.9%	3.9%
Public transport, including commuter rail	41,974	47,429	52,568	56,829	20.8%	10.6%
Municipal equitable share	75,724	87,311	94,087	101,486	37.5%	10.3%
Municipal infrastructure grant	15,593	16,842	17,595	18,385	7.0%	5.6%
Regional and local water and sanitation services	11,597	12,744	13,793	13,912	5.4%	6.3%
Electrification programmes	5,206	6,038	6,325	6,615	2.5%	8.3%
Total	212,543	236,348	252,223	266,717	100.0%	7.9%
<i>of which:</i>						
Compensation of employees	17,214	17,910	17,931	18,545	7.2%	2.5%
Goods and services	14,425	14,516	14,432	15,153	5.8%	1.7%
Transfers and subsidies	168,892	186,472	198,664	209,502	78.7%	7.4%
Buildings and other fixed structures	6,040	7,521	8,948	9,267	3.4%	15.3%
Machinery and equipment	5,318	8,100	10,835	12,756	4.2%	33.9%

Source: National Treasury

Gross Fixed Capital Formation (Total)	2015	2016	2017	2018	2019	2020	2021
Total – (real, %)	1.3	-1.9	-2.0	-1.8	-2.4	-14.9	2.0

Source: Statistics SA

Gross Fixed Capital Formation forecasts	2022	2023	2024	2025	2026
Total – (real, %)	2.0	3.8	3.0	3.6	4.0

Source Investec

- Looking specifically at the (National Investment Plan) NIP 2050, the gazette framework provides updates, with strategic intervention to address “government's objective of improving and investing in core network infrastructures such as water, energy, freight transport and digital communications infrastructure”, for the NDP.
- In the energy sector the NIP 2050 foresees “accelerated technological change and a changing energy mix”, “market structure that facilitates more responsive and sustainable supply” and “the introduction of greater private participation and greater decentralization of electricity supply” to achieve NDP objectives.
- Additionally, “State capacity that is strengthened to effectively regulate and oversee delivery. Electricity that is delivered in a financially sustainable way. A transition away from fossil fuels ... in a measurable, just and sustained manner. New installed capacity will consist primarily of wind, solar and nuclear”.
- “Research infrastructure for using nuclear technology ... sustained through the replacement of SAFARI-1 research reactor with a Multi-Purpose Reactor (MPR) by 2030. Effective management of waste ... from energy generation to support environmental sustainability.”
- “A centralised database that is maintained, with the requisite confidentiality protection, for the reporting of existing and expected generation capacity investments by market players to enable informed power system planning and investments for all stakeholders.”
- On freight transport an “Africa regional transport networks that support interregional trade and better connectivity to global supply chains” is planned, through the Integrated Transport policy with “(t)ransport hubs that stimulate industrial diversification and clustering”, with “optimal use of opportunities to attract private finance.”
- “Regulatory oversight and licensing regimes will become more robust, addressing both water quantity and quality, as well as pricing and the technical performance and financial sustainability”, with a “(c)ohherent water sector policy” and “(r)ehabilitation and maintenance of existing water infrastructure and improvement in water use efficiencies”.
- The NIP 2050 recommends the following interventions for digital communications universally accessible high-speed broadband, competitive enabling regulation, robust information and communications technology (ICT) skills base and “(p)revalant private sector participation that will help achieving universal broadband access”.
- “About R6,224 trillion is estimated to be needed in infrastructure finance between 2016 and 2040. The gap that will need to be closed is estimated at R2,15 trillion where electricity and transport may account for about 72% of the investment required, ...the funding gap will have to be filled by ... new instruments that access domestic and foreign private sector capital, and global development funding.”

Public-sector infrastructure projects

Project name	Implementing agent	Project description	Current status
Salvakop Precinct PPP Project	Feasibility	Collaborative project between the three spheres of government to build <u>four government</u> headquarters, commercial buildings and a shelter for the vulnerable	R18 billion
Gauteng Schools PPP Programme	Feasibility	Construction, expansion, <u>refurbishment</u> and facilities management of 64 schools in Gauteng	R4.7 billion
Inkosi Albert Luthuli Central Hospital PPP Project	Procurement	Design, construction, <u>operation</u> and provision of ICT equipment	R10.4 billion
Renewable Energy for Public Buildings	Procurement	Procurement of renewable energy and energy efficiency for public buildings	R55 billion
Kopanong Precinct PPP Project	Procurement	Construction of Gauteng Provincial Government office to consolidate administration function of 19 buildings in the Johannesburg CBD	R6.5 billion
Rural Bridges Programme	Feasibility	Construction of rural bridges in various parts of the country	R7.1 billion
KwaMashu Wastewater Treatment Works	Feasibility	Design, finance, build and operate wastewater treatment works in KwaMashu, eThekweni Municipality	R1.2 billion
City of Cape Town Water Desalination	Feasibility	Desalination of sea water for bulk and reticulation	R2.5 billion
Comprehensive Urban Management Programme	Feasibility	Improvement and maintenance of public spaces in various cities and towns to promote economic growth	R3.3 billion
Limpopo Central Hospital PPP Project	Implementation	Construction of a new 488-bed central hospital in Polokwane, which will form part of an academic health complex attached to the University of Limpopo's medical school	R4.5 billion
Boegoebaai Port and Rail Development PPP Project	Feasibility	Port and rail development in Boegoebaai in the Northern Cape	R13 billion
Gauteng Rapid Rail Network Extension Parts 1 and 2 (Gautrain 2) PPP Project	Feasibility	A two-phase extension of the existing Gautrain rail system	R65.4 billion
Midvaal Electricity Distribution Project	Procurement	Refurbishment and expansion of the existing distribution lines owned by the municipality	R1 billion
Solar Water Initiatives	Feasibility	Rollout of solar water heaters across the residential market through partnering with the insurance industry and banks	R6.8 billion
National Roads Programme – upgrades to existing non-concession national toll roads	Feasibility	Major upgrades to various sections of the N1, N2 and N3	R22 billion
Small Harbours Development Programme	Implementation	Upgrading and refurbishment of 12 proclaimed fishing harbours in the Western Cape, and nodal-based refurbishment and development of new harbours in the Northern Cape, Eastern Cape and KwaZulu-Natal	R7.1 billion

Source: National Treasury

Details of six water and sanitation projects			
Project name	Project description	Estimate of potential total investment (R million)	Progress to date
Sekhukhune District Municipality			
Steelpoort Wastewater Treatment Works	Development of wastewater treatment works with an estimated capacity of 16 megalitres per day (ML/day)	220	Feasibility
Jane Furse Wastewater Treatment Works	Development of wastewater treatment works with an estimated capacity of 16 ML/day	352	Feasibility
Ugu District Municipality			
uMbango Wastewater Treatment Works	Increase the capacity of the existing wastewater treatment works by 5 ML/day	120	Feasibility
New Melville Wastewater Treatment Works	Implementation of a new wastewater treatment works with a capacity of 1.5 ML/day	80	Feasibility
Vhembe District Municipality			
Musina and Nancefield Wastewater Treatment Works	Implementation of a centralised wastewater treatment works with a capacity of 17.5 ML/day	385	Feasibility
Musina	Implementation of bulk water supply for Musina areas	260	Feasibility
iLembe District Municipality			
KwaDukuza Wastewater Treatment Works	Implementation of 12 ML/day capacity	159	Feasibility
Maphumulo Wastewater Treatment Works and sewer reticulation	Implementation of 1.5 ML/day Maphumulo wastewater treatment works and sewer reticulation	76	Feasibility
Sundumbili Wastewater Treatment Works	Implementation of 15 ML/day Sundumbili wastewater treatment works	190	Feasibility
Sol Plaatje Local Municipality			
Bulk Water Supply Pipeline	Implementation of Riverton and Newton bulk water pipeline	60	Feasibility
Ray Nkonyeni Local Municipality			
Oslo Beach Substation	Implementation of 20 megavolt amperes electricity substation	63	Feasibility

Source: National Treasury

Other major public-sector infrastructure projects (continued)			
Project name	Project stage	Project description	Estimated project cost
Expansion of the MyCiTi Bus Rapid Transport System in Cape Town	Implementation	Expansion of the MyCiTi bus rapid transit system network to areas including Langa, Mitchells Plain and Khayelitsha	R7.1 billion
Tygerberg Hospital	Implementation	Construction of a 550-bed regional hospital	R4.2 billion
Klipfontein Hospital	Implementation	Construction of a new hospital to replace the GF Jooste Hospital	R4.3 billion
Bravos - Berg River Voëlvele Dam Pipeline (Western Cape)	Construction	Construction of a weir and abstraction works with a pump station on the Berg River, with a 6.3-km-long pipeline to the Voëlvele Dam	R1 billion
Vaal River System Phase 2	Construction	Bulk water infrastructure development	R32 billion
Makhulu Crocodile Water Project	Feasibility	Bulk water infrastructure development	R15 billion
Olifants Economic Development Project	Various stages	Bulk water infrastructure development	R20 billion

Source: National Treasury

Major infrastructure projects in planning (continued)				
Project name	Implementing agent	Project cost (Rbn)	Project description	Current status
Liquid Fuels				
Mthombo	PetroSA	200	Construction of 3000kbb/d oil refinery at Coega with supporting infrastructure of R100bn	Feasibility
Oil and gas exploration on the West Coast	PetroSA	8.5	F-O field exploration for deepwater oil and gas reserves in support of the gas-to-liquid refinery	Feasibility
Biofuels	Department of Energy	2	Construction of 90 million l/a plant at Cradock using sugar, beet and sorghum	Design

Source: National Treasury

Projects at advanced stages of preparation			
Project name	Project description	Estimate of potential total investment (R million)	Progress to date
South Africa Connect Programme	The programme seeks to ensure universal access to broadband services for all South Africans, prioritising rural and underserved areas	53,000	Feasibility studies completed. Phase 1B cost apportionment being finalised.
One-Stop Border Posts	To modernise border post infrastructure to ensure efficient movement of goods and people through six inland border posts	11,000	Feasibility studies completed. The request for proposal is being finalised for issuance by March 2022.
Phase 1: uMkhomazi Water Augmentation Project	The project aims to bridge the water supply deficit in the Umgeni system in KwaZulu-Natal. Phase 1 consists of bulk raw water implementation by TCTA and bulk potable water implementation by Umgeni Water. Main components are a dam and conveyance infrastructure	23,200	Feasibility studies completed. Advanced stage of environmental impact assessment. Finalising the financial modelling of the project.
Six water and sanitation projects	To improve the integrity of the bulk water and sanitation infrastructure in selected priority district municipalities, to improve supply reliability	2,000	Feasibility studies being completed.
Total		89,200	
South Africa Connect Programme	The programme seeks to ensure universal access to broadband services for all South Africans, prioritising rural and underserved areas	53,000	Feasibility studies completed. Phase 1B cost apportionment being finalised.
One-Stop Border Posts	To modernise border post infrastructure to ensure efficient movement of goods and people through six inland border posts	11,000	Feasibility studies completed. The request for proposal is being finalised for issuance by March 2022.
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Six water and sanitation projects	To improve the integrity of the bulk water and sanitation infrastructure in selected priority district municipalities, to improve supply reliability	2,000	Feasibility studies being completed.
Total		89,200	

Source: National Treasury