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# Nedbank Capital Expenditure Project Listing H1 2024



Group Economic Unit  
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# Nedbank Capital Expenditure Project Listing



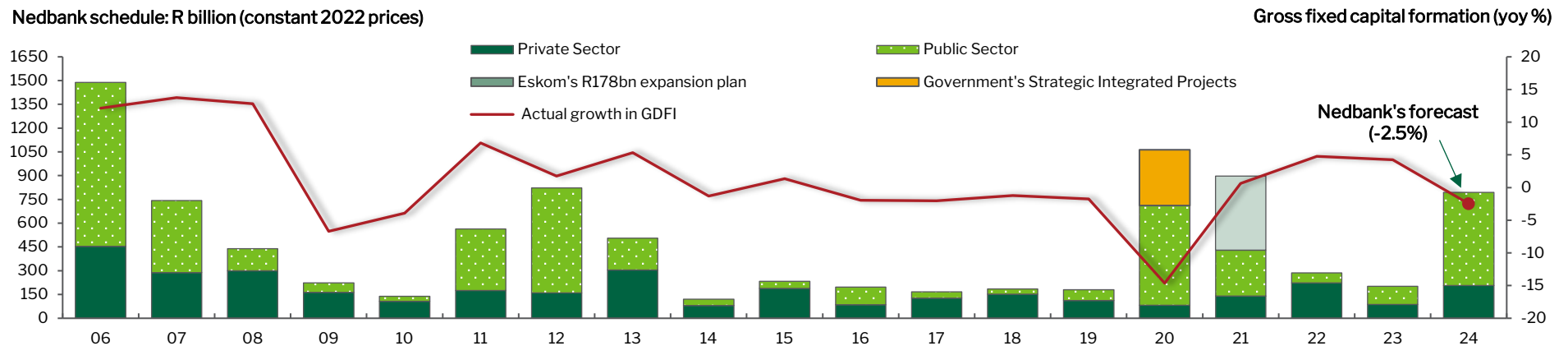
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## EXECUTIVE SUMMARY OF KEY FINDINGS

- Nedbank's listing shows a sharp increase in fixed investment plans in the first half of 2024, as measures to address power shortages started yielding results, logistical constraints eased somewhat, and disinflation persisted.
- The value of new projects announced during the first half of the year increased to an annualised R793.7 billion, up sharply from R193.2 billion in 2023.
- The government replaced the private sector as the major driver, with plans totalling an annualised R393.3 billion, accounting for 50% of all new projects announced in the first half of 2024.
- Public corporations announced projects worth an annualised R194.4 billion (24% of the total), significantly up from R34.7 billion in the previous year.
- The private sector announced plans amounting to an annualised R206 billion, or around 26% of the total value of announced projects.
- Despite the improvement, Nedbank expects gross fixed capital formation (GFCF) to fall by 2.5% in 2024, down from 4.2% in 2023, mainly due to the lag between project announcements and actual implementation.
- The impact of the pickup in capital expenditure plans in 2024 will likely materialise in 2025. Even so, the risks to the outlook remain to the downside, given a fragile global economy, and delays in local economic reforms, which could result in cancellations or postponements in implementing some of the announced project plans.

Chart 1: Value of announced projects and growth in fixed investment.



Source: Nedbank & SARB

## KEY FINDINGS

- Nedbank's listing shows a relatively sharp rise in planned fixed investment projects in the first half of 2024. The value of new projects announced amounted to an annualised R793.7 billion, up from R193.2 billion and R260.4 billion recorded in 2023 and 2022, respectively.
- The improvement resulted from a significant jump in new projects announced by all sectors. Projects announced by the private sector rose sharply to an annualised R206 billion from R83.1 billion. However, this accounted for a meagre 26% of the total, dwarfed by a jump in the value of projects announced by general government. The Bankenveld District City development is the largest project planned by the private sector and is worth R18 billion, which is being developed by Calgro M3 and Eris Property Group. It is an ambitious mixed-use development, consisting of residential, commercial, retail, industrial, educational, and healthcare components. It is situated between Woodmead and Malboro in Johannesburg. Around R113 billion of the announcements by the private sector are energy-related, with the Risk Mitigation Independent Power Producer Procurement Programme (RMIPPPP) accounting for 69% of this total. This indicates that the country's shift to renewable energy continues and remains an integral driver of fixed investment.
- The general government announced projects worth an annualised R393.3 billion. These include a public housing and community development programme of a R104 billion and the R36 billion for phase 2 of the Rooiwaal wastewater project.
- After two years of subdued investment, public corporations plan to spend R194.4 billion in the years ahead on energy projects, refurbishments of health facilities, airport infrastructure, special economic zones, road rehabilitation and water desalination plants. The amount falls below the R219 billion worth of projects announced in 2021, which involved large undertakings by Eskom, the Passenger Rail Agency of South Africa (PRASA) and the South African National Roads Agency (SANRAL).

**Table 1: The value of announced projects**

Projects by type of organisation								
	Value of projects (R billion in current prices)				Value of projects (R billion in constant prices)			
	Total	Private sector	General	Public	Total	Private sector	General	Public
<b>2008</b>	184.0	125.5	53.1	5.5	438.8	299.2	126.6	13.0
<b>2009</b>	101.8	74.7	24.8	2.3	223.4	164.0	54.3	5.0
<b>2010</b>	67.5	51.8	4.2	11.4	139.5	107.2	8.7	23.6
<b>2011</b>	287.4	89.5	42.1	155.8	563.1	175.4	82.4	305.3
<b>2012</b>	465.6	91.1	54.2	320.3	823.2	161.1	95.8	566.3
<b>2013</b>	286.3	172.0	24.2	90.1	506.3	304.2	42.8	159.3
<b>2014</b>	71.5	48.0	12.7	10.9	120.0	80.5	21.3	18.2
<b>2015</b>	146.2	119.0	10.9	16.4	232.5	189.2	17.3	26.0
<b>2016</b>	132.5	58.0	58.4	16.1	197.0	86.2	86.9	23.9
<b>2017</b>	118.2	90.5	26.6	1.1	166.7	127.6	37.6	1.5
<b>2018</b>	136.9	112.4	6.7	17.8	185.5	152.4	9.1	24.1
<b>2019</b>	138.7	86.8	14.5	37.4	179.7	112.4	18.8	48.5
<b>2020</b>	511.5	67.3	435.7	8.5	628.7	82.7	535.6	10.4
<b>2021</b>	372.7	122.0	31.7	219.0	430.1	140.8	36.6	252.7
<b>2022</b>	260.4	203.3	21.7	35.4	286.2	223.4	23.8	38.9
<b>2023</b>	193.2	83.1	75.4	34.7	202.6	87.1	79.0	36.4
<b>2024</b>	793.7	206.0	393.3	194.4	793.7	206.0	393.3	194.4

Note: 2024 values represent projects announced in H1 2024 and annualised for comparative purposes

**Table 2: Major projects by institution and sector**

<b>General government</b>	<b>R million</b>	<b>Major Industry</b>	<b>Infrastructure Type</b>
Structural reform infrastructure (Public housing project)	43 700	Community, social and personal services	Private households with employees
Rooiwal Phase 2 wastewater project in Tshwane	35 800	Community, social and personal services	Sewage & refuse disposal & sanitation
Private sector catalytic project	34 000	Community, social and personal services	Central government activities
Southern Farms Human Settlement Project	27 000	Community, social and personal services	Private households with employees
City of Johannesburg capital expenditure budget	22 000	Community, social and personal services	Local authority activities
Bayside Canal upgrade	8 750	Community, social and personal services	Other community and social services
First Land Mixed Use and Agri-hub	8 500	Community, social and personal services	Local authority activities
Schools project in Limpopo and KwaZulu-Natal	8 500	Community, social and personal services	Educational services
Nkhomazi Special Economic Zone (SEZ)	8 400	Community, social and personal services	Central government activities
<b>Private sector</b>	<b>R million</b>	<b>Major Industry</b>	<b>Infrastructure Type</b>
Bankenveld District City development	18 000	Finance, real estate and financial and business services	Own or rental basis
Umoyilanga Energy project	14 600	Electricity, gas and water	Distribution of electricity
ACWA Power Project DAO	14 480	Electricity, gas and water	Distribution of electricity
Mulilo Total Hydra storage project	10 000	Manufacturing	Petroleum refineries
Impofu wind power farms cluster	9 000	Electricity, gas and water	Distribution of electricity
Mponeng extension project	7 900	Mining and quarrying	Gold & uranium mining
Bengwenyama Platinum group metals	7 385	Mining and quarrying	Other mining
Cape Winelands Airport	7 000	Transport, storage and communication	Air transport
Volkswagen Kariega manufacturing plant	4 000	Manufacturing	Motor vehicles
Witberg wind energy project	3 400	Mining and quarrying	Gold & uranium mining
Springbok solar photovoltaic plant (PV)	2 800	Electricity, gas and water	Distribution of electricity
Teraco solar photovoltaic plant	2 000	Transport, storage and communication	Telecommunication
Clicks expansion project	920	Wholesale, retail and motor trade, hotels and accommodation	Non-specialised trade in stores
Vodacom network push	900	Transport, storage and communication	Telecommunication
Riverstone Mall and residential investment	600	Finance, real estate and financial and business services	Own or rental basis
<b>Public corporations</b>	<b>R million</b>	<b>Major Industry</b>	<b>Infrastructure Type</b>
Eskom Tubatse pumped hydro storage project	35 800	Electricity, gas and water	Distribution of electricity
Eskom Mossel Bay gas project	30 000	Electricity, gas and water	Gas
Project to refurbish health facilities	16 000	Community, social and personal services	Human health services
ACSA infrastructure investment plan	12 220	Transport, storage and communication	Air transport
Namakwa Special Economic Zone	2 900	Manufacturing	Other manufacturing
Port of Durban road rehabilitation project	233	Transport, storage and communication	Inland water transport
Port of East London water desalination plant	60	Transport, storage and communication	Sea and coastal transport

## INDUSTRY BREAKDOWN

- In the first half of 2024, **community, social and personal services** dominated, consisting almost entirely of general government projects. These projects are geared toward housing, improving living conditions within communities, upgrading wastewater works, and upgrading and refurbishing roads and public hospitals in various provinces. The smallest investment project in this category is worth R8.4 billion and aims to develop a special economic zone in Nkomazi in the Mpumalanga province.
- Within the **electricity, gas, and water sector**, new projects amounted to R106.7 billion (not annualised), representing significant moves in addressing the country's persistent energy crisis and reducing reliance on coal-fired power stations. The projects include Eskom's Tubatse pumped hydro-storage scheme and the Mossel Bay gas project, two hybrid renewable energy plants, which fall under the scope of the RMIPPPP, and one wind farm and solar PV plant.
- The **manufacturing sector** announced new projects totalling R16.9 billion. The most considerable undertaking is Total Energies, Hydra Storage Holdings and Reatile Renewables' R10 billion construction of a major hybrid renewables project, comprising a 216 MW solar plant and a 500 MWh battery storage system. Volkswagen also announced a R4 billion upgrade to its Kariega manufacturing plant to produce a sport utility vehicle.
- **Finance, real estate, and business services** announced projects worth R18.6 billion, which include the Bankenveld City District project and the Riverstone Mall residential development.
- The **mining and quarrying** sector announced plans to invest R18.7 billion. The largest project is a proposal by Harmony Gold to extend the life of the Mponeng mine. Other projects include the development of the Bengwenyama platinum group metals mine by Southern Palladium and the Witberg wind energy project.
- Airports Company South Africa (ACSA) is the leading investor in **transport, storage, and communications**, accounting for 55% of the R22.4 billion worth of planned projects. ACSA plans to enhance asset availability and airport safety and improve passenger experiences across the country's airports. Other projects within the sector include the construction of the Cape Winelands Airport (R7 billion) and Teraco's solar PV plant (R2 billion).
- Within the **wholesale, retail and motor trade, hotels and accommodation sector**, Clicks announced capital investment worth R920 million to expand its footprint by 55 new stores in the 2024 financial year.

Table 2: Announced projects by sector in the first half of each year

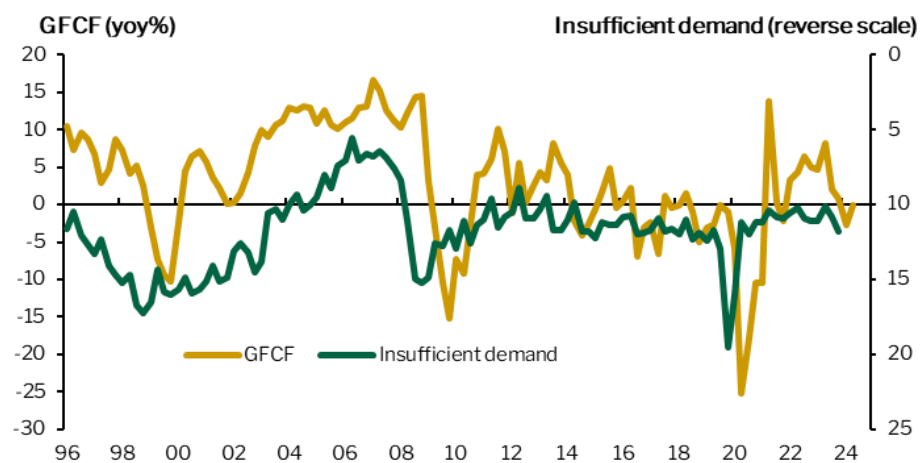
	2018	2019	2020	2021	2022	2023	2024	2024 (% of total)
Agriculture, forestry and fishing	0	0	7 000	0	0	30	0	0.0
Community, social and personal services	8 310	3 365	138 373	9 400	18 370	53 244	212 650	53.6
Construction	0	0	0	0	0	0	0	0.0
Electricity, gas and water	39 800	4 850	156 000	53 260	122 400	9 337	106 680	26.9
Finance, real estate, financial and business services	8 000	9 729	13 200	656	15 860	672	18 600	4.7
Manufacturing	7 651	8 051	1 750	21 650	6 730	13 325	16 900	4.3
Mining and quarrying	4 300	11 058	4 187	13 140	22 617	3 675	18 685	4.7
Transport, storage and communication	2 457	42 921	58 062	62 290	8 767	18 297	22 413	5.6
Wholesale, retail and motor trade, hotels and accommodation	1 630	0	60	350	2 650	0	920	0.2
<b>Total</b>	<b>72 148</b>	<b>79 974</b>	<b>378 632</b>	<b>160 746</b>	<b>197 394</b>	<b>98 580</b>	<b>396 848</b>	<b>100.0</b>

Note: 2024 values represent projects announced in H1 2024 and are not annualised.

## IMPLICATIONS FOR FIXED INVESTMENT

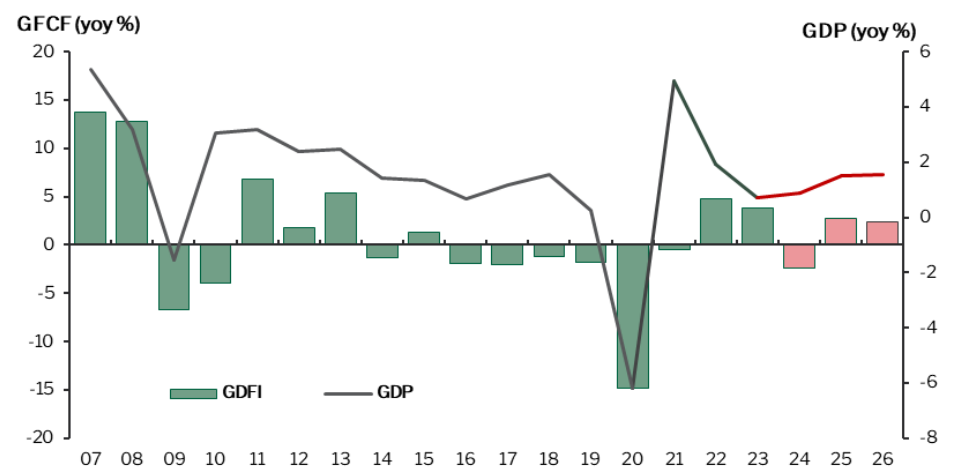
- Gross fixed capital formation (GFCF) remained weak in the first quarter of 2024, contracting by 1.8% qoq due to reduced outlays by the private sector, which accounts for 74% of GFCF. The weakness in private sector investment reflected the challenging economic environment brought on by power shortages, high input costs, higher interest rates, shrinking corporate profits and heightened policy uncertainties, which undermined business confidence. Capital expenditure by public corporations increased, probably reflecting the contribution of Transnet's recovery plan and Eskom's ramped-up maintenance. Capital spending by the government also rebounded after three consecutive quarters of decline.
- The results of Nedbank's Capital Expenditure Project Listing suggest that the outlook is more promising. The economic landscape improved somewhat over the second quarter as structural reforms yielded some results. Electricity supply disruptions have lessened, with the economy enjoying a prolonged spell without load-shedding. Increased reliance on alternative renewable energy sources also helped to reduce the pressure on the national grid. Moreover, rail and port services fared slightly better, although the logistics networks remained inefficient. Globally, demand has improved somewhat and is expected to increase further because of declining inflation, easing monetary policy, and a commodity cycle recovery. These will support operations in the mining and manufacturing industries. On the demand side, consumer finances remain stretched by high debt services costs and its impact on real personal disposable incomes. However, some relief is expected towards the end of the year as inflation recedes and the SARB reduces interest rates. This will boost demand and help to accelerate the restoration of companies' profitability. At the same time, the Government of National Unity is expected to accelerate the implementation of structural reforms. These will lift business confidence and prompt companies to resume capacity expansion programmes. Activity in the renewable energy sector will also continue, albeit at a reduced scale compared to last year.
- Government infrastructure programmes will continue in an attempt by the government to accelerate employment creation and address some of the social and infrastructure backlogs. However, the pace will be slow and limited by fiscal consolidation. Nonetheless, the anticipated cyclical recovery and increased capital project plans will come too late to lift GFCF in 2024. We still forecast GFCF to contract, considering its base and the lag between project announcements and implementation. Therefore, the impact of most of the project announcements in 2024 will likely materialise in 2025. Even so, there are risks of shocks in the global economy and delays in local economic reforms that could result in cancellations or postponements of some of the announced projects.

**Chart 2: Weak demand and spare capacity will weigh down GFCF in 2024**



Source: Stats SA

**Chart 3: GDP and GFCF performance and forecasts**



Source: Stats SA and Nedbank

## APPENDIX 1: LARGE PROJECTS LIKELY TO DRIVE FIXED INVESTMENT IN THE YEARS AHEAD \_\_\_\_1

Year	Announced date	Project name	Company name	Estimated completion date	Estimated value (R million)
2022	Jan-22	Green hydrogen plant	Hive Hydrogen and Linde, through its wholly owned South African subsidiary Afrox	Dec-26	75000
	May-22	Round 5 - Renewable Energy Independent Power Producer Procurement Programme (REIPPPP)	Various companies	Dec-26	34300
	Jun-22	Salvokop mixed use government district	Public Works and Infrastructure	Dec-25	18000
	Jul-22	TNPA Western Region ports expansion project	Transnet National Ports Authority (TNPA)	Dec-28	16100
	May-22	Round 6 - Renewable Energy Independent Power Producer Procurement Programme (REIPPPP)	Various companies	Dec-26	12100
	Sep-22	Seriti coal mine windfarm project	Seriti Resources	Jun-24	12000
	Dec-22	Komati power station repurposing project	Eskom	Sep-28	9000
	Jun-22	Prasa rolling stock overhaul	PRASA	Sep-25	7500
	Mar-22	Gamsberg Phase 2 expansion project	Vedanta Zinc International	Dec-24	7000
	Feb-22	Nkuna Smart City	Masingita Group of Companies	Jun-24	5500
	Apr-22	Marula Phase II	Impala Platinum	Dec-28	5100
	Jan-22	Mototolo/Der Brochen life extension project	Anglo American Platinum (Amplats)	Dec-24	3900
	Jul-22	South Africa own- and commercial-use generation facilities	Nersa	Jun-24	3650
	Jul-22	Earth & Wire independent renewable-energy company	Earth & wire	Jun-25	3500
	Aug-22	Shoprite: Environmental programme expansion	Shoprite	Dec-25	3500
	Jun-22	Mogale Gold Tailings storage facilities (TSFs)	Pan African Resources	Apr-25	2500
	Dec-22	African Rainbow Minerals (ARM) solar photovoltaic power project	Sola Group and African Rainbow Minerals	Jul-26	2500
	Jun-22	Vametco and Vanchem operations expansion	Bushveld minerals	Dec-28	2300
	Jun-22	Harmony Gold renewable energy project	Harmony Gold Mining Company	Dec-26	1700
2023	Apr-23	City of Cape Town infrastructure portfolio for economic growth - water and sanitation	City of Cape Town (CoCT)	Dec-30	45000
	Jul-23	Water Project	Glencore, Anglo American, Lebaelo, SA government	Dec-30	27000
	Aug-23	Olifantspoort/Ebenezer upgrade project	Lepelle Northern Water (LNW).	Dec-30	18000
	Jan-23	Expansion project at Ardagh Glass Packaging Africa (AGP)	Ardagh Glass Packaging Africa.	Jan-27	15000

## APPENDIX 1: LARGE PROJECTS LIKELY TO DRIVE FIXED INVESTMENT IN THE YEARS AHEAD \_\_\_\_2

Year	Announced date	Project name	Company name	Estimated completion date	Estimated value (R million)
2023	Jul-23	75 MW Northern Cape solar farm	Air Products South Africa	Oct-25	11600
	Jul-23	Urban Mobility Directorate projects (Total)	City of Cape Town	Jun-25	8300
	Jan-23	Teraco expansion project	Teraco	Mar-25	5700
	Jun-23	Grootfontein solar projects	Scatec	Dec-25	5100
	Nov-23	Tygerberg Hospital redevelopment megaproject	Western Cape department of health and wellness	Dec-24	5000
	Oct-23	N3 Westville to Paradise Valley upgrade	SANRAL	Jan-28	4700
	Jun-23	BMW X3 hybrid-electric	BMW SA	Dec-26	4200
	Apr-23	ArcelorMittal South Africa (AMSA) renewable-energy project	ArcelorMittal South Africa	Dec-25	4000
	Jun-23	Rooiwal Waste Water Works repair and upgrade.	Department of Waste Water Treatment Works and City	Jun-26	4000
	May-23	Welisizwe Rural Bridges programme	Department of Public Works and Infrastructure, the Department of Defence and the KwaZulu-Natal Department of Transport	Dec-27	3800
	Sep-23	Stellantis automotive manufacturing facility	Stellantis, Industrial Development Corporation and the Department of Trade and Industry and Competition	Dec-25	3000
	Jan-23	Volspruit North platinum group metals project	Sylvania Platinum	Dec-27	2500
	Jul-23	Carnival City Lifestyle Estate residential development project -	Carnival East Village Property Company	Dec-24	2500
	Oct-23	Shongweni Park lifestyle estate	Baldwin properties	Dec-28	2000
	Dec-23	DRDGOLD solar power plant and battery energy storage system	DRDGOLD	Sep-24	2000
	Dec-23	Square Kilometer Array project, South Africa	SKA Observatory	Jan-28	2000
	Oct-23	Dunlop tyre plant upgrade	Dunlop	Dec-24	1700
	Mar-23	Lephalale solar project	Exxaro	Feb-25	1560
2024	Mar-24	Structural reform infrastructure (Public housing project)	Department of Human Settlement and Infrastructure	Dec-28	43700
	Mar-24	Eskom Tubatse pumped hydro storage project	Eskom	Dec-28	35800
	Mar-24	Rooiwal Phase 2 wastewater project in Tshwane	City of Tshwane	Dec-28	35800
	Mar-24	Private sector catalytic project	Housing Development agency	Dec-28	34000
	Mar-24	Eskom Mossel Bay gas project	PetroSA	Dec-28	30000



## APPENDIX 1: LARGE PROJECTS LIKELY TO DRIVE FIXED INVESTMENT IN THE YEARS AHEAD \_\_\_3

Year	Announced date	Project name	Company name	Estimated completion date	Estimated value (R million)
2024	Mar-24	Southern Farms Human Settlement Project	City of Johannesburg	Dec-28	27000
	May-24	City of Johannesburg capital expenditure budget	City of Johannesburg	May-25	22000
	May-24	Bankenveld District City development	Calgro M3 & Eris Property Group	Dec-26	18000
	Mar-24	Project to refurbish health facilities	Human Settlements and Infrastructure Development	Dec-28	16000
	Feb-24	Umoyilanga Energy project	EDF renewables and Perpetua holdings	Mar-25	14600
	Feb-24	ACWA Power Project DAO	ACWA Power	Jun-26	14480
	May-24	ACSA infrastructure investment plan	Airports Company South Africa (ACSA)	Dec-28	12220
	Jan-24	Mulilo Total Hydra storage project	Total Energies,Hydra Storage Holdings & Reatile	Jan-25	10000
	Apr-24	Impofu wind power farms cluster	Enel Green Power South Africa	Jan-26	9000
	Apr-24	Bayside Canal upgrade	City of Cape Town	Jun-25	8750
	Mar-24	First Land Mixed Use and Agri-hub	City of Tshwane	Dec-28	8500
	Mar-24	Schools project in Limpopo and KwaZulu-Natal	Department of Basic Education (DBE)	Dec-28	8500
	Mar-24	Nkhomazi Special Economic Zone (SEZ) in Mpumalanga	Department of Trade and Industry	Dec-28	8400
	May-24	Mponeng extension project	Harmony Gold	Dec-27	7900
	Mar-24	Bengwenyama Platinum group metals	Southern Palladium	Jul-26	7385
	Mar-24	Cape Winelands Airport	RSA. Aero	Dec-27	7000
	Apr-24	Volkswagen Kariega manufacturing plant	Volkswagen Group South Africa	Dec-27	4000
	Feb-24	Witberg wind energy project	Red Rocket	Dec-25	3400
	Mar-24	The multibillion rand Namakwa Special Economic Zone (SEZ) in the Northern Cape	Department of Trade and Industry	Dec-28	2900
	Feb-24	Springbok solar photovoltaic plant (PV)	SOLA Group	Jul-25	2800
	Feb-24	Teraco solar photovoltaic plant	Teraco	Sep-25	2000

## APPENDIX 2: ACTUAL VERSUS PLANNED CAPITAL EXPENDITURE PLANS CURRENT PRICES

Actual capital expenditure projected in each year at current prices (R million)										
	Agriculture, forestry and fishing	Mining and Quarrying	Manufacturing	Electricity, gas and water	Construction	Wholesale, retail and motor trade, hotels and	Transport, storage and communication	Finance, real estate and business services	Community, social and personal	TOTAL
2000	47.4	6903.1	2271.8	1773.0	0.0	1031.9	6601.6	4951.8	2989.4	26570.0
2001	85.6	7109.2	3150.5	1987.7	0.0	1313.5	8166.5	3833.1	3210.5	28856.6
2002	892.0	7421.8	5497.3	3725.9	0.0	1329.9	11164.0	4985.5	39008.3	74024.6
2003	616.3	9557.8	7231.5	1573.5	0.0	2330.3	9789.5	6633.1	4876.8	42608.7
2004	110.0	4584.1	8529.3	2162.4	0.0	2595.6	7320.7	10473.5	3988.5	39764.1
2005	109.9	7887.4	11266.9	1530.7	0.0	2214.5	12036.4	10493.4	4879.9	50419.2
2006	97.0	18725.9	32217.7	7704.4	0.0	3113.1	33750.3	13101.0	15674.7	124384.2
2007	30.0	27579.4	45906.6	14116.6	0.0	3526.7	46330.7	21214.0	18336.8	177040.8
2008	267.5	29283.8	45576.9	35598.9	0.0	3813.9	65531.7	20796.6	20747.5	221616.8
2009	267.3	29566.6	53321.4	40059.7	0.0	4463.9	74354.6	25106.9	18861.3	246001.9
2010	545.3	22432.8	43968.6	38763.5	0.0	1726.5	60168.7	29101.4	11940.5	208647.3
2011	213.4	27093.9	27838.7	40508.9	0.0	2093.8	32147.3	20725.2	9348.7	159969.9
2012	143.8	32292.6	17972.9	52024.8	0.0	1364.0	46340.3	20199.2	10013.0	180350.5
2013	143.8	32236.6	20697.4	71797.1	0.0	816.3	62037.0	22463.1	14330.4	224521.6
2014	410.2	29777.1	12748.6	71498.4	0.0	3213.0	61252.1	24030.4	22440.0	225370.0
2015	544.9	27741.9	11202.0	59851.2	0.0	1638.5	71865.6	26672.6	12817.9	212334.6
2016	463.2	23704.6	17239.1	69397.0	0.0	3735.9	96811.9	33279.9	10247.3	254879.0
2017	285.9	20304.1	18274.6	49268.5	0.0	347.9	79004.5	21924.8	10723.5	200133.8
2018	285.6	21264.1	18580.9	30939.0	0.0	423.1	70250.2	19899.0	10761.7	172403.6
2019	285.6	12590.2	19844.7	28472.7	0.0	591.9	68592.4	18828.2	9590.3	158796.0
2020	285.6	16669.6	19572.7	32368.2	0.0	647.7	51241.4	23335.5	6233.6	150354.4
2021	406.6	20709.4	36346.7	36827.1	0.0	1785.8	53097.1	20680.9	13989.5	183843.0
2022	727.9	19792.6	30240.0	64814.1	0.0	5113.2	62214.9	24460.4	20192.9	227556.0
2023	826.6	27870.0	22961.6	87203.2	0.0	6781.9	42535.2	24992.4	37603.8	250774.6
2024	810.6	26590.3	27531.7	120989.9	0.0	5466.5	50434.3	19266.9	55305.2	306395.4
2025	810.6	14120.4	15851.7	146966.2	0.0	5152.8	42548.9	20876.5	84821.9	331149.0
2026	810.6	7510.2	7241.9	121881.0	0.0	161.8	32504.9	13557.0	64793.8	248461.3
2027	810.6	4586.9	3364.1	77020.0	0.0	121.5	29647.1	4904.2	64089.1	184543.6
2028	810.6	1685.5	937.2	76604.2	0.0	0.0	24909.6	4163.1	64089.1	173199.3

*Note: The value of each announced capital project is adjusted by the duration of the project to obtain an estimate of the actual spending in a given year*

## APPENDIX 3: ACTUAL VERSUS PLANNED CAPITAL EXPENDITURE PLANS CONSTANT PRICES

Actual capital expenditure projected in each year at constant prices (R million)										
	Agriculture, forestry and fishing	Mining and Quarrying	Manufacturing	Electricity, gas and water	Construction	Wholesale, retail and motor trade, hotels and entertainment	Transport, storage and communication	Finance, real estate and business services	Community, social and personal services	TOTAL
2000	192.8	28094.4	9245.6	7215.7	0.0	4199.6	26867.3	20152.9	12166.5	108134.7
2001	323.2	26839.5	11894.0	7504.2	0.0	4959.0	30831.0	14471.1	12120.8	108942.6
2002	2992.3	24897.9	18441.7	12499.2	0.0	4461.6	37451.9	16724.9	130861.2	248330.7
2003	1943.2	30136.1	22801.1	4961.2	0.0	7347.7	30866.7	20914.5	15376.6	134346.9
2004	327.0	13630.4	25360.9	6429.7	0.0	7717.8	21767.2	31141.7	11859.4	118234.1
2005	309.6	22209.1	31725.3	4310.0	0.0	6235.6	33892.0	29547.2	13740.9	141969.6
2006	257.6	49713.2	85531.0	20453.4	0.0	8264.7	89599.7	34780.4	41613.0	330213.1
2007	73.6	67640.0	112588.2	34621.7	0.0	8649.5	113628.5	52028.3	44971.9	434201.6
2008	608.3	66592.2	103643.3	80953.1	0.0	8673.0	149021.2	47292.1	47180.4	503963.6
2009	559.5	61875.1	111587.8	83834.5	0.0	9341.8	155604.6	52542.2	39471.8	514817.2
2010	1075.2	44235.0	86701.3	76437.4	0.0	3404.5	118646.0	57384.8	23545.3	411429.6
2011	398.8	50622.2	52013.9	75686.7	0.0	3912.0	60063.9	38723.0	17467.1	298887.5
2012	256.7	57635.1	32077.6	92852.7	0.0	2434.5	82707.2	36051.1	17870.9	321885.7
2013	242.5	54358.4	34900.6	121066.6	0.0	1376.4	104608.8	37878.0	24164.5	378595.8
2014	656.5	47653.8	20402.3	114422.4	0.0	5142.0	98024.9	38457.1	35911.9	360670.8
2015	826.2	42064.0	16985.2	90750.3	0.0	2484.5	108967.2	40442.7	19435.3	321955.5
2016	656.7	33606.1	24439.9	98384.4	0.0	5296.5	137250.5	47181.0	14527.7	361342.9
2017	384.3	27291.4	24563.5	66223.5	0.0	467.6	106192.6	29469.9	14413.9	269006.8
2018	369.1	27484.3	24016.2	39989.3	0.0	546.9	90799.8	25719.9	13909.7	222835.2
2019	352.9	15555.4	24518.5	35178.6	0.0	731.3	84747.3	23262.7	11849.0	196195.6
2020	334.8	19542.0	22945.4	37945.8	0.0	759.3	60071.1	27356.6	7307.8	176262.8
2021	447.4	22788.0	39994.6	40523.3	0.0	1965.0	58426.2	22756.5	15393.5	202294.6
2022	762.9	20743.5	31692.8	67927.9	0.0	5358.8	65203.8	25635.6	21163.1	238488.5
2023	826.6	27870.0	22961.6	87203.2	0.0	6781.9	42535.2	24992.4	37603.8	250774.6
2024	773.0	25357.4	26255.1	115379.8	0.0	5213.0	48095.8	18373.5	52740.8	292188.3
2025	734.5	12794.6	14363.4	133167.5	0.0	4669.0	38553.9	18916.4	76857.9	300057.2
2026	695.5	6444.0	6213.8	104578.6	0.0	138.9	27890.5	11632.4	55595.6	213189.3
2027	662.3	3747.4	2748.4	62923.2	0.0	99.3	24220.9	4006.6	52359.0	150767.1
2028	630.1	1310.2	728.5	59545.3	0.0	0.0	19362.5	3236.1	49817.2	134629.8

Note: The real value of each announced capital project is adjusted by the duration of the project to obtain an estimate of the actual spending in a given year

## APPENDIX 4:

### What is fixed investment?

- Fixed investment is spending on physical assets such as buildings, infrastructure, plant, machinery and equipment, which adds to production capacity.
- Fixed investment is a flow concept, consisting of additions to the capital stock of a firm, a public enterprise or government.
- It can take two forms:
  - ❖ Replacement investment maintains the existing capital stock, replacing depleted or fully depreciated assets.
  - ❖ Expansionary investment allows for the production of more goods and services. These are projects that increase production capacity, such as new plants or infrastructure and expansions to existing operations.
- It is not easy to distinguish between these two types of investments. There are many grey areas. The overhaul or refurbishment of existing plants with new machinery and equipment more often than not expands capacity, enabling the production of more goods and services at a lower cost through the use of improved design, processes and technology.

### What is Nedbank's Capital Expenditure Project Listing?

- Nedbank's schedule is a record of major capital projects undertaken within SA's borders.
- The schedule only includes projects that have been announced to the public. The information is gathered from a variety of sources, but the listing would not be possible without the valuable work done by Engineering News and Mining Weekly.
- The schedule tries to isolate and record expansionary projects, but also includes the automation or modernisation of existing capacity. These projects are included because they result in the production of more goods and services by improving the productivity of existing operations.
- Only projects of R20 million and above are included. The details of all projects over R250 million are verified directly with the company or institution undertaking the investment. This implies that the schedule does not always reflect changes to the scale, the value, starting and ending dates of the projects below this cut-off value.
- Nedbank's project listing is not an approximation of the official fixed investment figures, which records actual fixed investment spending in a quarter. The listing records project announcements. There is always a lag between when a project is announced and when the spending starts. The schedule is a rough guide of the trajectory of fixed investment in the years ahead. It is also a useful guide to identify and track activity in the various industries.

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