

PASCAS FOUNDATION (South Africa) Ltd

PASCAS FOUNDATION (South Africa) Ltd

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PASCAS FOUNDATION (South Africa) Ltd		\$ = USD					2
OPERATING STATEMENT		2025	2026	2027	2028	28 Feb	2030
STATEMENT of FINANCIAL PERFORMANCE			AUD1.00 =	USD 0.65	ZAR 11.60	2029	ZAR 18.70
						USD1.00 =	
REVENUE (being grant subsidy)	\$0	\$520,000	\$1,950,000	\$18,586,490	\$102,625,630	\$111,384,150	
Less:							
DIRECT COSTS	0	31,302,940	33,991,120	51,863,160	134,818,878	149,183,471	
ADMINISTRATION COSTS	0	4,804,100	8,628,250	11,601,457	17,821,810	19,801,728	
PROFIT before STAFF INCENTIVE	0	-35,587,040	-40,669,370	-44,878,127	-50,015,057	-57,601,050	
Less:							
STAFF INCENTIVE	0	0	0	0	0	0	0
NET PROFIT CONTRIBUTION before	0	-35,587,040	-40,669,370	-44,878,127	-50,015,057	-57,601,050	
Scholarships Granted overseas	0	6,700,000	13,400,000	20,100,000	24,400,000	26,300,000	
PROFIT before Interest & Depreciation	0	-42,287,040	-54,069,370	-64,978,127	-74,415,057	-83,901,050	
Interest	0	0	0	0	0	0	
Depreciation	0	19,292,714	38,511,428	70,558,252	82,513,660	93,109,068	
Other costs - borrowing	0	0	0	0	0	0	
OPERATING PROFIT	0	-61,579,754	-92,580,798	-135,536,379	-156,928,717	-177,010,118	
Income Tax Expense	0	0	0	0	0	0	
PROFIT after Tax	0	-61,579,754	-92,580,798	-135,536,379	-156,928,717	-177,010,118	
TOTAL GRANTS FUNDING received	0	570,000,000	515,700,000	658,700,000	475,800,000	452,400,000	
Less							
Grants previously treated as Revenue	0	-520,000	-1,950,000	-18,586,490	-102,625,630	-111,384,150	
Dividends Paid	0	0	0	0	0	0	
RETAINED EARNINGS	\$0	\$507,900,246	\$421,169,202	\$504,577,131	\$216,245,653	\$164,005,732	

KEY FINANCIAL DATA	2026	2027	2028	2029	2030
REVENUE	\$520,000	\$1,950,000	\$18,586,490	\$102,625,630	\$111,384,150
EBITDA	-\$42,287,040	-\$54,069,370	-\$64,978,127	-\$74,415,057	-\$83,901,050
DEPRECIATION	\$19,292,714	\$38,511,428	\$70,558,252	\$82,513,660	\$93,109,068
EBIT	-\$61,579,754	-\$92,580,798	-\$135,536,379	-\$156,928,717	-\$177,010,118
NET CASH GENERATED	-\$42,430,040	-\$54,430,120	-\$68,191,675	-\$91,222,885	-\$85,652,754

PASCAS FOUNDATION (South Africa) Ltd
PROJECTED CASH FLOW
STATEMENT of CASHFLOWS

2024 2025 2026 2027 2028 28 Feb 2030
AUD1.00 = USD 0.65 ZAR 11.60 USD1.00 = ZAR 18.70

\$ = USD

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NET PROFIT	\$0	-\$61,579,754	-\$92,580,798	-\$135,536,379	-\$156,928,717	-\$177,010,118
Interest	0	0	0	0	0	0
Depreciation	0	19,292,714	38,511,428	70,558,252	82,513,660	93,109,068
Prepaid Borrowing Costs	0	0	0	0	0	0
Increase in Payables - Creditors	0	8,667	23,833	277,275	1,400,652	145,975
Decrease in Stock & Stores	0	-108,333	-265,417	-2,104,449	-11,205,219	-1,167,803
Decrease in Receivables - Debtors	0	-43,333	-119,167	-1,386,374	-7,003,262	-729,877
CASH FROM OPERATIONS	0	-42,430,040	-54,430,120	-68,191,675	-91,222,885	-85,652,754
NON DISCRETIONARY EXPENSES						
Creditors - Directors	0	0	0	0	0	0
Taxation	0	0	0	0	0	0
Interest	0	0	0	0	0	0
Principal of Borrowings Repaid	0	0	0	0	0	0
Borrowings Repaid - current	0					
Borrowings Repaid - noncurrent	0	0				
Total non discretionary	0	0	0	0	0	0
DISCRETIONARY EXPENSES						
Dividends	0	0	0	0	0	0
CapEx Land Building Acquisitions	0	479,017,850	450,167,850	469,370,600	283,585,200	249,585,200
Plant & Equipment	0	1,100,000	10,100,000	110,600,000	5,100,000	5,100,000
Office Building	0	5,000,000	0	0	0	0
Intellectual Property	0	0	0	0	0	0
Other	0					
Borrowing Costs	0	0	0	0	0	0
Total discretionary	0	-485,117,850	-460,267,850	-579,970,600	-288,685,200	-254,685,200
FUNDS GENERATED	0	-527,547,890	-514,697,970	-648,162,275	-379,908,085	-340,337,954
FUNDED by:						
TOTAL GRANTS FUNDING	0	570,000,000	515,700,000	658,700,000	475,800,000	452,400,000
Loans	0	0	0	0	0	0
Equity Capital net raising	0	0	0	0	0	0
Asset Sales	0	0	0	0	0	0
TOTAL FUNDING	0	570,000,000	515,700,000	658,700,000	475,800,000	452,400,000
Less						
Grants previously treated as Revenue		-520,000	-1,950,000	-18,586,490	-102,625,630	-111,384,150
NET CASH FLOW	0	41,932,110	-947,970	-8,048,765	-6,733,715	677,896
CLOSING CASH (DEBT)	\$0	\$0	\$41,932,110	\$40,984,140	\$32,935,375	\$26,201,660
					\$26,879,556	

PASCAS FOUNDATION (South Africa) Ltd
KEY RATIOS
KEY PERFORMANCE INDICATORS (KPI's) A
\$ = USD
28 Feb
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	2025	2026	2027	2028	2029	2030
		AUD1.00 =	USD 0.65	ZAR 11.60	USD1.00 =	ZAR 18.70
SALES	\$0	\$520,000	\$1,950,000	\$18,586,490	\$102,625,630	\$111,384,150
EBIT (earnings before interest & tax)	0	-61,579,754	-92,580,798	-135,536,379	-156,928,717	-177,010,118
Operating profit after Tax (OPAT)	0	-61,579,754	-92,580,798	-135,536,379	-156,928,717	-177,010,118
Total assets	0	507,908,913	929,101,948	1,433,956,354	1,651,602,659	1,815,754,367
Total tangible assets	0	507,908,913	929,101,948	1,433,956,354	1,651,602,659	1,815,754,367
Net tangible assets (total SHF - intangible assets)	0	507,900,246	929,069,448	1,433,646,579	1,649,892,232	1,813,897,964
Total liabilities	0	8,667	32,500	309,775	1,710,427	1,856,403
Shareholders funds	0	507,900,246	929,069,448	1,433,646,579	1,649,892,232	1,813,897,964
Finance charges	0	0	0	0	0	0
	8.00%					
RETURN on SALES (EBIT / sales)	0.0%	-11842.3%	-4747.7%	-729.2%	-152.9%	-158.9%
OPAT / Sales % (opat / sales)	0.0%	-11842.3%	-4747.7%	-729.2%	-152.9%	-158.9%
Return on Assets % (opat / tangible assets)	0.0%	-12.1%	-10.0%	-9.5%	-9.5%	-9.7%
Return on Equity (EBIT / equity)	#DIV/0!	-12.1%	-10.0%	-9.5%	-9.5%	-9.8%
Liability ratio (total liabilities / equity)	#DIV/0!	0.0%	0.0%	0.0%	0.1%	0.1%
Debt Ratio (total liabilities / total assets)	#DIV/0!	0.0%	0.0%	0.0%	0.1%	0.1%
NET INTEREST COVER						
(profit+interest+tax+dep/interest)						
Gearing Ratio (total liabilities / tangible assets)	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%
Secured Debt ratio (long term debt / equity)	#DIV/0!	0.0%	0.0%	0.0%	0.0%	0.0%
CURRENT RATIO (current assets / current liabilities)	#DIV/0!	4,855.8	1,277.6	119.3	28.3	27.5
Quick Assets Ratio (current assets-stock / current liabilities - OD)	#DIV/0!	4,843.3	1,266.1	111.3	20.3	19.5
Working Capital (current assets - current liabilities)	0	42,075,110	41,487,890	36,652,673	46,726,786	49,156,386
LONG-TERM CREDIT RATING DATA						
EBIT interest coverage (x)		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
EBITDA interest coverage (x)		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Funds flow/total debt (%)		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Free operating cash flow / total debt (%)		Err:508	Err:508	Err:508	Err:508	Err:508
Return on capital (%)		-24.2%	-12.9%	-11.5%	-10.2%	-10.2%
Operating income / sales (%)		-8132.1%	-2772.8%	-349.6%	-72.5%	-75.3%
Long-term debt / capital (%)		0.0%	0.0%	0.0%	0.0%	0.0%
Total debt / capital (incl. STD) (%)		0.0%	0.0%	0.0%	0.0%	0.0%

PROJECTED - CREDIT RATING RANKING	2026	2027	2028	2029	2030
EBIT interest coverage (x)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
EBITDA interest coverage (x)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Funds flow/total debt (%)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Free operating cash flow / total debt (%)	Err:508	Err:508	Err:508	Err:508	Err:508
Return on capital (%)	<B	<B	<B	<B	<B
Operating income / sales (%)	<B	<B	<B	<B	<B
Long-term debt / capital (%)	AAA	AAA	AAA	AAA	AAA
Total debt / capital (incl. STD) (%)	AAA	AAA	AAA	AAA	AAA

Overall Projected Credit Rating	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
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PASCAS FOUNDATION (South Africa) Ltd
KEY RATIOS

\$ = USD

28 Feb

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	2026	2027	2028	2029	2030
	AUD1.00 =	USD 0.65	ZAR 11.60	USD1.00 =	ZAR 18.70

KEY PERFORMANCE INDICATORS (KPI's) B

Current Assets	\$42,083,777	\$41,520,390	\$36,962,448	\$48,437,213	\$51,012,789
Fixed Assets	\$465,825,136	\$887,581,558	\$1,396,993,906	\$1,603,165,446	\$1,764,741,578
Total Assets	\$507,908,913	\$929,101,948	\$1,433,956,354	\$1,651,602,659	\$1,815,754,367

Ratio of Current Assets	8.3%	4.5%	2.6%	2.9%	2.8%
Ratio of Fixed Assets	91.7%	95.5%	97.4%	97.1%	97.2%

Current Liabilities	\$8,667	\$32,500	\$309,775	\$1,710,427	\$1,856,403
Long Term Liabilities	\$0	\$0	\$0	\$0	\$0
Equity	\$507,900,246	\$929,069,448	\$1,433,646,579	\$1,649,892,232	\$1,813,897,964
Total Liabilities	\$507,908,913	\$929,101,948	\$1,433,956,354	\$1,651,602,659	\$1,815,754,367

Equity to Fixed Assets Ratio A	109.0%	104.7%	102.6%	102.9%	102.8%
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equity capital in relation to fixed assets

Equity to Fixed Assets Ratio B	109.0%	104.7%	102.6%	102.9%	102.8%
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equity capital + long-term liabilities in relation to fixed assets

Debt Ratio	0.0%	0.0%	0.0%	0.1%	0.1%
Equity Ratio	100.0%	100.0%	100.0%	99.9%	99.9%

Liquidity

Cash	\$41,932,110	\$40,984,140	\$32,935,375	\$26,201,660	\$26,879,556
Receivables - Debtors	\$43,333	\$162,500	\$1,548,874	\$8,552,136	\$9,282,013
Current Assets	\$42,083,777	\$41,520,390	\$36,962,448	\$48,437,213	\$51,012,789
Current Liabilities	\$8,667	\$32,500	\$309,775	\$1,710,427	\$1,856,403

Cash Ratio	483832.0%	126105.0%	10632.0%	1531.9%	1447.9%
Quick Ratio	484332.0%	126605.0%	11132.0%	2031.9%	1947.9%
Current Ratio	485582.0%	127755.0%	11932.0%	2831.9%	2747.9%

WORKING CAPITAL DATA

Days stock held	72	66	45	45	45
Days stores held	3	3	3	3	3
Days debtors	30	30	30	30	30
Days creditors	6	6	6	6	6

RETURN on FUNDS INVESTED (ROI)

LOAN / PROJECT FUNDS required	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000	\$10,000,000
EBIT	-61,579,754	-92,580,798	-135,536,379	-156,928,717	-177,010,118
ROI ratio against Funding Request	-615.8%	-925.8%	-1355.4%	-1569.3%	-1770.1%
LOAN FUNDS + RETAINED EQUITY	507,900,246	929,069,448	1,433,646,579	1,649,892,232	1,813,897,964
ROI ratio against Loans + Equity	-12.1%	-10.0%	-9.5%	-9.5%	-9.8%
After Tax Profit before Dividends Paid	507,900,246	421,169,202	504,577,131	216,245,653	164,005,732
Prior Year retained Equity	0	507,900,246	929,069,448	1,433,646,579	1,649,892,232
ROI based on Prior Year Equity	#DIV/0!	82.9%	54.3%	15.1%	9.9%

Standard & Poor's ratio for:

RETURN ON CAPITAL =

EBIT

Average of beginning of year and end of year capital, including short-term debt, current maturities, long-term debt, non-current deferred taxes, and equity.

			AUD1.00 =	USD 0.65	ZAR 11.60	USD1.00 =	ZAR 18.70
	2024	2025	2026	2027	2028	2029	2030
PRODUCTION							
REVENUE							
	relative to capital cost				Achievable target pricing		0.0%
SCHOOL LAND & BUILDINGS	10%		\$0	\$0	\$7,328,520	\$14,657,040	\$21,985,560
TAFE / CRAFT CREATION sites	10%		\$0	\$0	\$7,877,970	\$7,877,970	\$7,877,970
UNIVERSITY multiple campus	10%		\$0	\$0	\$0	\$14,955,620	\$14,955,620
HOSPITAL LAND & BUILDINGS	15%		\$0	\$0	\$0	\$60,000,000	\$60,000,000
CLINICS HEALTH CENTRES	10%		\$520,000	\$1,820,000	\$3,120,000	\$4,420,000	\$5,720,000
CLINICS LAND & BUILDINGS	10%		\$0	\$130,000	\$260,000	\$390,000	\$520,000
COMMUNITY CENTRE	10%		\$0	\$0	\$0	\$260,000	\$260,000
MOBILE CLINIC	10%		\$0	\$0	\$0	\$65,000	\$65,000
ORPHANAGES			\$0	\$0	\$0	\$0	\$0
Future Products average		10%	\$0	\$0	\$0	\$0	\$0
RECURRENT COSTS GRANT			\$520,000	\$1,950,000	\$18,586,490	\$102,625,630	\$111,384,150
Less dealer margin	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PRODUCT SALES VOLUME							
	once opened to public	No.			Achievable target volume		0.0%
SCHOOL LAND & BUILDINGS	1	0	0	0	1	1	1
TAFE / CRAFT CREATION sites	1	0	0	0	1	1	1
UNIVERSITY multiple campus	1	0	0	0	0	1	1
HOSPITAL LAND & BUILDINGS	1	0	0	0	0	1	1
CLINICS HEALTH CENTRES	per annum	5	2	7	12	17	22
CLINICS LAND & BUILDINGS	per annum	1	0	1	2	3	4
COMMUNITY CENTRE	1	0	0	0	0	1	1
MOBILE CLINIC	1	0	0	0	0	1	1
ORPHANAGES	1	1	1	1	1	1	1
Royalty Payable	0%	0%	0%	0%	0%	0%	0%
CONSUMABLES COST							
	of revenue						
SCHOOL LAND & BUILDINGS	per centre	5%	\$0	\$0	\$366,426	\$732,852	\$1,099,278
TAFE / CRAFT CREATION sites	per centre	7%	0	0	551,458	551,458	551,458
UNIVERSITY multiple campus	per centre	7%	0	0	0	1,046,893	1,046,893
HOSPITAL LAND & BUILDINGS	per centre	12%	0	0	0	7,200,000	7,200,000
CLINICS HEALTH CENTRES	per centre	12%	62,400	218,400	374,400	530,400	686,400
CLINICS LAND & BUILDINGS	per centre	12%	0	15,600	31,200	46,800	62,400
COMMUNITY CENTRE	per centre	10%	0	0	0	26,000	26,000
MOBILE CLINIC	per centre	15%	0	0	0	9,750	9,750
ORPHANAGES			27,210,000	27,210,000	27,210,000	27,210,000	27,210,000
TOTAL CONSUMABLES COST			\$27,272,400	\$27,444,000	\$28,533,484	\$37,354,153	\$37,892,179
Freight Inward Costs			5.0%	5.0%	5.0%	5.0%	5.0%
EMPLOYEE COSTS							
	of revenue				\$ = USD		
SCHOOL LAND & BUILDINGS	per centre	62%	\$0	\$0	\$4,543,682	\$9,087,365	\$13,631,047
TAFE / CRAFT CREATION sites	per centre	62%	0	0	4,884,341	4,884,341	4,884,341
UNIVERSITY multiple campus	per centre	62%	0	0	0	9,272,484	9,272,484
HOSPITAL LAND & BUILDINGS	per centre	62%	0	0	0	37,200,000	37,200,000
CLINICS HEALTH CENTRES	per centre	62%	322,400	1,128,400	1,934,400	2,740,400	3,546,400
CLINICS LAND & BUILDINGS	per centre	62%	0	80,600	161,200	241,800	322,400
COMMUNITY CENTRE	per centre	62%	0	0	0	161,200	161,200
MOBILE CLINIC	per centre	62%	0	0	0	40,300	40,300
ORPHANAGES		0%	0	0	0	0	0
TOTAL EMPLOYEE COSTS			\$322,400	\$1,209,000	\$11,523,624	\$63,627,891	\$69,058,173
OPERATING COSTS DIRECT							
PASCAS OVERSIGHT COUNCIL			\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000
SCHOOL LAND & BUILDINGS	per centre	20%	\$0	\$0	\$1,465,704	\$2,931,408	\$4,397,112
TAFE / CRAFT CREATION sites	per centre	20%	0	0	1,575,594	1,575,594	1,575,594
UNIVERSITY multiple campus	per centre	20%	0	0	0	2,991,124	2,991,124
HOSPITAL LAND & BUILDINGS	per centre	20%	0	0	0	12,000,000	12,000,000
CLINICS HEALTH CENTRES	per centre	20%	104,000	364,000	624,000	884,000	1,144,000
CLINICS LAND & BUILDINGS	per centre	20%	0	26,000	52,000	78,000	104,000
COMMUNITY CENTRE	per centre	20%	0	0	0	52,000	52,000
MOBILE CLINIC	per centre	20%	0	0	0	13,000	13,000
ORPHANAGES		0%	0	0	0	0	0
TOTAL OPERATING COSTS			\$2,104,000	\$2,390,000	\$5,717,298	\$22,525,126	\$24,276,830

PASCAS FOUNDATION (South Africa) Ltd
PRODUCTION continued:

continuation of worksheet

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Workers Compensation Insurance	on costs	2.5%	2.5%	2.5%	2.5%	2.5%
Superannuation	on costs	10.0%	10.0%	10.0%	10.0%	10.0%
Bank Fees	of sales	3.0%	3.0%	3.0%	3.0%	3.0%
Staff Incentive before tax		7.5%	7.5%	7.5%	7.5%	7.5%

Staff	Qty	Annual Salaries, (All taxes and insurance included), USD				
		Ratio of Administration cost growth				
Salaries - Administration	loading	0.5	1.0	1.2	1.4	1.6
PASCAS FOUNDATION (South Africa) Ltd						
Directors	2	30.0%	160,000	\$416,000	Executive	
Executive - Schools, Univerity, Hospitals	3	30.0%	140,000	\$546,000		
Executive - Finance / Accountant	1	30.0%	140,000	\$182,000		
Executive - Economist	1	30.0%	140,000	\$182,000		
Executive Human Resources Manager	1	30.0%	140,000	\$182,000		
Human Resources Officers	2	30.0%	110,000	\$286,000		
General Operations Manager	2	30.0%	120,000	\$312,000		
Lawyer	3	30.0%	120,000	\$468,000		
Interpreter	1	30.0%	110,000	\$143,000		
Dietician	1	30.0%	100,000	\$130,000		
Nutrition Aide	1	30.0%	90,000	\$117,000		
Education Consultant	1	30.0%	110,000	\$143,000		
Curriculum Developer	1	30.0%	110,000	\$143,000		
Physychologist	1	30.0%	110,000	\$143,000		
Project Building Supervisor	1	30.0%	110,000	\$143,000		
Marketing Manager	1	30.0%	100,000	\$130,000		
Marketing Officers / Public Relations	1	30.0%	100,000	\$130,000		
Sales Manager	1	30.0%	100,000	\$130,000		
Production Manager	1	30.0%	90,000	\$117,000		
Information Technology Manager	1	30.0%	90,000	\$117,000		
Information Technology Officers	3	20.0%	90,000	\$324,000		
Technical Engineer	3	20.0%	90,000	\$324,000	Directors Non Exec	
Quality Control Officers	1	20.0%	90,000	\$108,000		
Administrative Manager	1	20.0%	90,000	\$108,000		
Secretary	2	20.0%	90,000	\$216,000		
Shipping	3	20.0%	90,000	\$324,000		
Other Staff	5	20.0%	80,000	\$480,000		
Head of Security	1	20.0%	80,000	\$96,000		
Security	4	20.0%	80,000	\$384,000		
Non Executive Directors	5	30.0%	50,000	\$325,000		
Sub Contractors	2	20.0%	80,000	\$192,000		
					<u>\$250,000</u>	
Administration Salaries Total	57 (full time)			<u>\$7,041,000</u>		

PASCAS FOUNDATION (South Africa) Ltd			28 Feb	\$ = USD				7
PROFIT & LOSS	2024	2025	2026	2027	2028	2029	2030	
REVENUE			AUD1.00 =	USD 0.65	ZAR 11.60	USD1.00 =	ZAR 18.70	
SCHOOL LAND & BUILDINGS	\$0	\$0	\$0	\$0	\$7,328,520	\$14,657,040	\$21,985,560	
TAFE / CRAFT CREATION sites	0	0	0	0	7,877,970	7,877,970	7,877,970	
UNIVERSITY multiple campus	0	0	0	0	0	14,955,620	14,955,620	
HOSPITAL LAND & BUILDINGS	0	0	0	0	0	60,000,000	60,000,000	
CLINICS HEALTH CENTRES	0	0	520,000	1,820,000	3,120,000	4,420,000	5,720,000	
CLINICS LAND & BUILDINGS	0	0	0	130,000	260,000	390,000	520,000	
COMMUNITY CENTRE	0	0	0	0	0	260,000	260,000	
MOBILE CLINIC	0	0	0	0	0	65,000	65,000	
ORPHANAGES			0	0	0	0	0	
TOTAL SALES / GRANTS	\$0	\$0	\$520,000	\$1,950,000	\$18,586,490	\$102,625,630	\$111,384,150	
Less:								
Royalty	0	0	0	0	0	0	0	
TOTAL REVENUE	\$0	\$0	\$520,000	\$1,950,000	\$18,586,490	\$102,625,630	\$111,384,150	
OPERATING COSTS								
Consumable variable to Total Revenue								
SCHOOL LAND & BUILDINGS	0	0	0	0	366,426	732,852	1,099,278	
TAFE / CRAFT CREATION sites	0	0	0	0	551,458	551,458	551,458	
UNIVERSITY multiple campus	0	0	0	0	0	1,046,893	1,046,893	
HOSPITAL LAND & BUILDINGS	0	0	0	0	0	7,200,000	7,200,000	
CLINICS HEALTH CENTRES	0	0	124,800	1,528,800	4,492,800	9,016,800	15,100,800	
CLINICS LAND & BUILDINGS	0	0	0	15,600	62,400	140,400	249,600	
COMMUNITY CENTRE	0	0	0	0	0	26,000	26,000	
MOBILE CLINIC	0	0	0	0	0	9,750	9,750	
ORPHANAGES			27,210,000	27,210,000	27,210,000	27,210,000	27,210,000	
Total Consumable Costs	0	0	27,334,800	28,754,400	32,683,084	45,934,153	52,493,779	
Total Employee Costs	0	0	322,400	1,209,000	11,523,624	63,627,891	69,058,173	
Operating Costs Direct	0	0	2,104,000	2,390,000	5,717,298	22,525,126	24,276,830	
Freight Inwards	0	0	1,366,740	1,437,720	1,634,154	2,296,708	2,624,689	
Professional Support Contractors	0	0	40,000	50,000	150,000	250,000	500,000	
Repairs & Maintenance	0	0	15,000	25,000	30,000	35,000	50,000	
Transport	0	0	120,000	125,000	125,000	150,000	180,000	
TOTAL DIRECT COSTS	\$0	\$0	\$31,302,940	\$33,991,120	\$51,863,160	\$134,818,878	\$149,183,471	
ADMINISTRATION COSTS								
Advertising	0	0	100,000	150,000	150,000	150,000	150,000	
Travelling & Accommodation	0	0	160,000	180,000	220,000	250,000	280,000	
Bank Fees	0	0	15,600	58,500	557,595	3,078,769	3,341,525	
Debt Collection	0	0	2,600	9,750	92,932	513,128	556,921	
Occupancy Costs	0	0	70,000	75,000	80,000	85,000	90,000	
Repairs & Maintenance	0	0	20,000	25,000	30,000	35,000	40,000	
General Expenses	0	0	75,000	100,000	100,000	100,000	100,000	
Administration Salaries	0	0	3,520,500	7,041,000	8,449,200	9,857,400	11,265,600	
Administration Other	0	0	280,000	400,000	900,000	1,000,000	1,000,000	
Directors Fees	0	0	250,000	250,000	250,000	250,000	250,000	
Research & Development	0	0	300,000	300,000	400,000	450,000	500,000	
Sundry Expenses	0	0	10,400	39,000	371,730	2,052,513	2,227,683	
TOTAL ADMINISTRATION COSTS	0	0	4,804,100	8,628,250	11,601,457	17,821,810	19,801,728	
TOTAL OPERATING COSTS	\$0	\$0	\$36,107,040	\$42,619,370	\$63,464,617	\$152,640,687	\$168,985,200	
PROFIT before STAFF INCENTIVE	0	0	-35,587,040	-40,669,370	-44,878,127	-50,015,057	-57,601,050	
STAFF INCENTIVE	0	0	0	0	0	0	0	
NET PROFIT CONTRIBUTION before Scholarships Granted overseas	\$0	\$0	-\$35,587,040	-\$40,669,370	-\$44,878,127	-\$50,015,057	-\$57,601,050	
Scholarships Granted overseas	0	0	6,700,000	13,400,000	20,100,000	24,400,000	26,300,000	
NET PROFIT CONTRIBUTION	\$0	\$0	-\$42,287,040	-\$54,069,370	-\$64,978,127	-\$74,415,057	-\$83,901,050	

PASCAS FOUNDATION (South Africa) Ltd	\$ = USD	28 Feb				8
2024	2025	2026	2027	2028	2029	2030
FUNDING		AUD1.00 =	USD 0.65	ZAR 11.60	USD1.00 =	ZAR 18.70

GRANT FUNDING

	\$277,500,000					
INITIATING WORKING CAPITAL GRANT		\$77,500,000	\$40,000,000	\$40,000,000	\$60,000,000	\$60,000,000
	\$1,931,900,000					
LAND & BUILDINGS		\$479,100,000	\$450,200,000	\$469,400,000	\$283,600,000	\$249,600,000
PLANT & EQUIPMENT		\$1,100,000	\$10,100,000	\$110,600,000	\$5,100,000	\$5,100,000
	\$132,000,000					
RECURRENT COSTS (subsidised client fees)		\$600,000	\$2,000,000	\$18,600,000	\$102,700,000	\$111,400,000
SCHOLARSHIPS		\$6,700,000	\$13,400,000	\$20,100,000	\$24,400,000	\$26,300,000
	\$90,900,000					
COMMERCIAL OFFICE		\$5,000,000	\$0	\$0	\$0	\$0
TOTAL GRANT FUNDINGS		\$0	\$570,000,000	\$515,700,000	\$658,700,000	\$475,800,000
	\$2,672,600,000 total					\$452,400,000

Financing:

Not-for-profit organisations do not have equity partners:

Equity Capital		\$0	\$0	\$0	\$0	\$0
Share Placement Costs		\$0	\$0	\$0	\$0	\$0
	5%					
Equity Capital net raising		\$0	\$0	\$0	\$0	\$0

\$0 Equity Capital AUD
\$2,672,600,000 Grant Funding AUD
\$2,672,600,000 Total Funding AUD

Principal Debt Amount	example	0	\$10,000,000	\$0	\$0	\$0	\$0
Draw down Month		first 8 mths					
Interest Rate %		8.0%	8.0%	8.0%	8.0%	8.0%	8.0%
	8%						
Capital Repayments (10% per annum)		0	0	0	1,000,000	1,000,000	1,000,000
	10%						
FLAT PRINCIPAL REPAYMENTS							
Balance	example	0	10,000,000	10,000,000	9,000,000	8,000,000	7,000,000
Principal reductions		0	0	0	1,000,000	1,000,000	1,000,000
	existing loan						
Interest		0	800,000	800,000	720,000	640,000	560,000
Total monthly payments			66,667	66,667	143,333	136,667	130,000
PRINCIPAL & INTEREST AMORTISED							
Principal Amount	example	10,000,000	8,295,435	6,454,506	4,466,302	2,319,041	0
Amortised equally over years being	5	-2,504,565	-2,504,565	-2,504,565	-2,504,565	-2,504,565	-2,504,565
Interest Rate per annum fixed %	8%		800,000	663,635	516,360	357,304	185,523
Principal Reduction annually			1,704,565	1,840,930	1,988,204	2,147,260	2,319,041
Repayments Monthly of principal	12		142,047	153,411	165,684	178,938	193,253
Total monthly payments			208,714	208,714	208,714	208,714	208,714

RAIT PASCAS FOUNDATION (PNG) Inc is a not-for-profit Dividends are not payable under its constitution: This is an example practice:

Dividend (from prior year profit)						
As % net profit after tax		0.0%	0.0%	0.0%	20.0%	40.0%
						50.0%

PASCAS FOUNDATION (South Africa) Ltd		\$ = USD	28 Feb				9
	2024	2025	2026	2027	2028	2029	2030
CAPITAL EXPENDITURE			AUD1.00 =	USD 0.65	ZAR 11.60	USD1.00 =	ZAR 18.70
	(years to build and open)						
JOURNEY for HUMANITY MUSEUM			\$20,000,000	\$30,000,000	\$50,000,000	\$50,000,000	\$0
SCHOOL LAND & BUILDINGS	2 yrs to build		\$36,642,600	\$36,642,600	\$73,285,200	\$73,285,200	\$73,285,200
TAFE / CRAFT CREATION sites	2 yrs to build		\$39,389,850	\$39,389,850			
UNIVERSITY multiple campus	3 yrs to build		\$49,852,067	\$49,852,067	\$49,852,067	ALL PROGRAMS MAY EXPAND!	
HOSPITAL LAND & BUILDINGS	3 yrs to build		\$133,333,333	\$133,333,333	\$133,333,333		
HOSPITAL SHIP	1 yr to build		\$50,000,000				
WATER & HYDROGEN PROJECTS	1 yr to build		\$0	\$16,000,000	\$16,000,000	\$16,000,000	\$32,000,000
CLINICS HEALTH CENTRES	5 each year		\$13,000,000	\$13,000,000	\$13,000,000	\$13,000,000	\$13,000,000
CLINICS LAND & BUILDINGS	1 each year		\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000
COMMUNITY CENTRE	1 year				\$2,600,000		
MOBILE CLINIC	1 year			\$650,000		ALL PROGRAMS MAY EXPAND!	
ORPHANAGES	1 year		\$5,500,000				
SOCIAL HOUSING & SCHOOLING			\$110,000,000	\$110,000,000	\$110,000,000	\$110,000,000	\$110,000,000
COOPERATIVE ENTERPRISES	ongoing development		\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000	\$20,000,000
Acquisition Cost			0	0	0	0	0
	0%						
TOTAL LAND & BUILDINGS	0	0	479,017,850	450,167,850	469,370,600	283,585,200	249,585,200
(library costs are significant)							
STOCK On-Hand	0	0	0				
PLANT - SCHOOL FITUOUT	0	0	0	5,000,000	5,000,000	5,000,000	5,000,000
PLANT - TAFE FITOUT	0	0	0	5,000,000	0	0	0
PLANT - UNIVERSITY	0	0	0	0	30,000,000	0	0
PLANT - HOSPITAL	0	0	0	0	75,500,000	0	0
PLANT - CLINICS	0	0	100,000	100,000	100,000	100,000	100,000
PLANT - OFFICE & MOTOR VEHICLE	0	0	1,000,000	0	0	0	0
TOTAL PLANT	0	0	1,100,000	10,100,000	110,600,000	5,100,000	5,100,000
OFFICE BUILDING	0	0	5,000,000	0	0	0	0
RESEARCH & DEVELOPMENT	0	0	0	0	0	0	0
INTELLECTUAL PROPERTY	0	0	0	0	0	0	0
CAPITALISED INTEREST	0	0	0	0	0	0	0
BORROWING COSTS	0	0	0	0	0		
	0.00%						
TOTAL CAPITAL EXPENDITURE	\$0	\$0	\$485,117,850	\$460,267,850	\$579,970,600	\$288,685,200	\$254,685,200
Plant A 100%	0						
Plant B 15%	0	0	1,100,000	11,200,000	121,800,000	126,900,000	132,000,000
Plant C 12%	0	0	0	0	0	0	0
Buildings 4% flat	0	0	479,017,850	929,185,700	1,398,556,300	1,682,141,500	1,931,726,700
Leases 0%							
Depreciation A	100.0%	0	0	0	0	0	0
Depreciation B	12.0%	0	132,000	1,344,000	14,616,000	15,228,000	15,840,000
Depreciation C	10.0%	0	0	0	0	0	0
Depreciation Building	4.0%	0	19,160,714	37,167,428	55,942,252	67,285,660	77,269,068
Total Depreciation		0	19,292,714	38,511,428	70,558,252	82,513,660	93,109,068
DEPRECIATING BALANCES							
Year 1 Purchase	12.0%	1,100,000	968,000	836,000	704,000	572,000	440,000
Year 2 Purchase	12.0%		10,100,000	8,888,000	7,676,000	6,464,000	5,252,000
Year 3 Purchase	12.0%			110,600,000	97,328,000	84,056,000	70,784,000
Year 4 Purchase	12.0%				5,100,000	4,488,000	3,876,000
Year 5 Purchase	12.0%					5,100,000	4,488,000
Year 1 Purchase	10.0%	0	0	0	0	0	0
Year 2 Purchase	10.0%		0	0	0	0	0
Year 3 Purchase	10.0%			0	0	0	0
Year 4 Purchase	10.0%				0	0	0
Year 5 Purchase	10.0%					0	0
Working capital ratios in sales-days for listed companies:			Stock	Debtors	Creditors		
Builders' suppliers			55	51	36		
Chemicals			88	56	28		
Food manufacturing			56	38	37		
Paper and packaging			70	52	28		
Retail			49	4	22		
Textiles			107	62	29		
Adopted:							
Stock Month Sales		2.7	2.4	2.2	1.5	1.5	1.5
Stores Month Sales		0.2	0.1	0.1	0.1	0.1	0.1
Debtors Month Sales		1.0	1.0	1.0	1.0	1.0	1.0
Creditors Month Sales		0.2	0.2	0.2	0.2	0.2	0.2

PASCAS FOUNDATION (South Africa) L		\$ = USD	28 Feb				10
	2025	2026	2027	2028	2029	2030	
		AUD1.00 =	USD 0.65	ZAR 11.60	USD1.00 =	ZAR 18.70	
TAXATION RECONCILIATION							
Operating Profit	\$0	-\$61,579,754	-\$92,580,798	-\$135,536,379	-\$156,928,717	-\$177,010,118	
Adjustments:							
Add Back Depreciation	0	19,292,714	38,511,428	70,558,252	82,513,660	93,109,068	
Less Taxation based Depreciation 20.00%	0	220,000	2,240,000	24,360,000	25,380,000	26,400,000	
Adjusted Taxable Profit	0	-42,507,040	-56,309,370	-89,338,127	-99,795,057	-110,301,050	
Past Years Tax Losses b/f	0	0	-42,507,040	-98,816,410	-188,154,537	-287,949,594	
TAXABLE INCOME to be assessed	0	-42,507,040	-98,816,410	-188,154,537	-287,949,594	-398,250,644	
	0	0	0	0	0	0	
TAXABLE INCOME to be assessed on after deducting past tax losses	0	0	0	0	0	0	
Income Tax Expense 28.00%	0	0	0	0	0	0	
The standard VAT rate is 15%							
Taxation Paid	0	0	0	0	0	0	
Provision for Tax	0	0	0	0	0	0	
Future Tax	0	0	0	0	0	0	
NOTE: Income Tax credits from tax losses are not cash receipts in the year of loss.							
CARRIED FORWARD TAX LOSSES	0	42,507,040	98,816,410	188,154,537	287,949,594	398,250,644	
Notional Value of Tax Losses at end of year:							
CARRIED FORWARD TAX CREDITS 28.00%		\$11,901,971	\$27,668,595	\$52,683,270	\$80,625,886	\$111,510,180	

CAPITALISATION RATES could fall within these guidelines:

LOAN to VALUE RATIOS

						LVR
Residential				90%		
Homes Units, Villas & Townhouses				80%		
Land Subdivisions				50%		
Office Building	5.00%	-	9.00%	75%	-	80%
Factories	9.25%	-	10.50%	75%	-	80%
Show Rooms / Warehouses	9.50%	-	10.50%	75%	-	80%
Shopping Centres	8.00%	-	11.50%	75%	-	80%
Hotel / Motels	16.00%	-	25.00%	70%		
Hospital / Convalescent Homes	11.50%	-	16.50%	65%		
Restaurants	20.00%	-	25.00%			
Renovation existing building				75%	-	100%
Specialised Security				65%		
Newsagencies - goodwill component only				50%		
Intellectual Property	note: value it and enter it into your balance sheet!!!!!!					

VALUATION METHODOLOGIES

- 1 Discounted cashflow / net present value ("DCF/NPV")
- 2 Capitalisation of future maintainable earnings ("FME/FCF")
- 3 Valuation of net tangible assets
- 4 Notional realisation of assets.
- 5 Capitalisation of future maintainable dividends.

CAPITALISATION RATE is a factor of perceived risk.

Old economy projects with their proven track record have market capitalisation rates as outlined above.

New technology that is proven to work and has a well researched marketing plan require a more conservative assessment of capitalisation rates, say:

20.00% - 25.00%

New technology that is still to be tested could require capitalisation at:

40.00% - 47.50%

A valuation of untested technology could be valued with the discount rate based on "capital asset pricing model":

ER = RF + Beta(RM-RF) where:
ER = The expected return from equity after the corporate tax rate
RF= The pre-tax risk free rate of return
RM= The expected return from the market portfolio
RM-RF= The risk premium of the market portfolio relative to the risk free asset (commonly referred to as the "market risk premium")

Beta= The measure of a risky asset's level of risk to the market.

ER = 6.00% + .97(47.5%-6.00%) per annum = 46.25% (high risk) 38.98% (low risk)

It is assumed RF to be 6.00%, which represents the 10 year government bond rate.

It is assumed the market risk premium to be between a range of 40% (low) to 47.5% (high) for new technology.

The beta could be:	All industrials	0.93	lower	0.88	upper	0.97
beta greater than 1, more	Miscellaneous Industrials	1.49		1.21		1.77
risky than ASX, e.g.:	Tourism & leisure	1.19		1.02		1.36
Source:	Building materials	1.12		0.91		1.32
Centre for Research in Finance	Gold	1.10		0.77		1.43
Bs 02 9931 9200	Telecommunications	1.08		0.84		1.32
Fx 02 9662 1695	Engineering	1.06		0.92		1.20
	Media	1.00		0.66		1.34
	Energy industries	0.97		0.73		1.21
	Healthcare & biotechnology	0.86		0.68		1.04
	Chemicals	0.86		0.67		1.06
	Infrastructure & utilities	0.76		0.57		0.95
	Transport	0.68		0.47		0.90
	Food & household goods	0.47		0.23		0.71

HURDLE RATES: Term of investment is typically 3 to 7 years. Funding stages typically consist of:

Australian Venture Capital ind results 2000

			No deals	Av deal\$	Av hurdle
SEED CAPITAL	required rate	50% + per annum	Seed	82	0.9 105%
ROUND ONE / TWO	rates between	35% to 50% per annum	Startup / Early	97	1.2 67%
EXPANSION	rates between	28% to 35% per annum	Early Exp (\$4+m)	102	1.6 47%
			Expansion	202	2.2 35%
Why? Because funds are competing against lower risk opportunities, eg:			MBO/MBI	17	9.5 29%
ASX Top 100 (last 40 year average)		15.55% per anm	Turnaround	14	2.6 26%
RISK FREE GOVERNMENT BONDS 5 yr		6.00% per anm			

Actual Forecast June 2001 appraisal by leading funds manager:

MARKET OUTLOOK

Past 5 yrs Next 10 yrs Macquarie Funds Management

Australian Shares

11.20% 11.00% With earnings growing in line with the overall economy

Small Company Stocks

4.10% 13.00% Small capitalisation stocks should perform strongly in the next five years, with the current high yields available supported by strong earnings growth from the emerging stocks in this sector.

Listed Property

12.60% 9.00% The highest-yielding major asset class will continue to provide solid returns and provide a good hedge against the prospect of any increase in inflation.

International Shares - including currency impact

19.50% 11.00% Earning growth in line with the overall economy, and limited prospects for further re-rating to increase valuations, will limit international equities to more modest returns.

International Shares - excluding currency impact

11.50% 10.00% Currency impacts should have little effect on international equities in the medium to longer term.

Cash

5.80% 5.75% Cash rates should match the growth in the economy over the long run.

Australian Bonds

9.60% 6.00% Australian fixed interest will tend to provide a small margin over cash investments.

International Bonds

8.90% 5.00% International bond investments will provide a similar average performance to their Australian counterparts.

Alternative Assets

14.20% 15.00% Alternative assets will continue to provide high returns to compensate investors for the additional risk taken when investing in these long-term, illiquid securities.

P = Market multiplier of Earnings, E = Profit after Tax (PAT)

AUSTRALIAN STOCK EXCHANGE (A.S.E.) Price / Earning (P/E) Ratio & Dividend Yield Series Global Industry Classification Standard (GICS)

(note TwinTowers 11 Sep)

INDEX	25Dec01	28Aug01	25Dec01	28Aug01	INDEX	30Oct06	2Jan04	31Jul02	30Oct06	2Jan 04	31Jul02
Alcohol and Tobacco	20.62	25.37	2.83	2.81	All Ordinaries	13.79	16.40	18.33	3.76	3.88	3.82
Banks	18.15	15.56	4.13	3.97	S&P/ASX 20	13.38	18.56	20.38	3.68	3.89	3.91
Building Materials	10.59	13.60	3.84	3.68	S&P/ASX 50	13.78	16.91	19.60	3.74	3.88	3.90
Chemicals	12.29	13.86	4.14	5.25	S&P/ASX 100	13.65	17.07	19.22	3.76	3.94	3.85
Development & Contractors	27.98	26.16	2.08	2.29	S&P/ASX 200	13.65	16.93	18.82	3.77	3.96	3.83
Diversified Industrial	26.74	23.35	3.25	3.81	S&P/ASX 300	13.67	16.85	18.72	3.76	3.94	3.84
Diversified Resources	16.23	16.55	3.31	3.02	S&P/ASX Midcap 50	12.96	18.18	17.30	3.87	4.37	3.61
Energy	8.58	8.96	2.86	2.96	S&P/ASX Small Ords	13.79	14.83	14.85	3.70	3.80	4.02
Engineering	21.07	22.42	3.47	3.66	Consumer Discretionary	20.25	25.60	21.13	3.75	2.09	3.57
Food, H/hold Goods	11.68	11.83	3.51	3.72	Consumer Staples	14.20	18.59	17.96	3.25	3.71	3.23
Gold	14.68	10.73	1.33	1.19	Energy	14.34	15.44	10.44	2.74	2.68	2.83
Health & Biotech	35.91	38.93	1.69	2.81	Financials	12.65	14.28	16.69	4.51	5.31	4.73
Infrastructure / Utility	25.82	16.61	3.45	3.61	Financial-ex-property	16.21	14.24	17.82	4.11	4.75	4.12
Insurance	19.23	24.54	2.79	2.41	Health Care	34.06	40.74	27.38	1.66	2.59	2.17
Invest & Finance Services	18.62	17.10	2.50	2.57	Industrials	14.06	17.12	30.92	4.19	3.84	2.70
Media	26.55	19.19	3.83	4.12	Info Technology	23.63	47.07	14.76	2.11	2.28	2.93
Miscellaneous Industries	14.84	15.47	3.06	2.58	Materials	12.70	18.97	26.33	2.28	2.49	3.07
Other Metals	11.69	11.24	3.58	3.53	Property Trusts	7.31	14.41	13.11	5.85	7.40	7.35
Paper & Packaging	14.86	13.13	4.43	4.80	Telecommunications	14.05	15.19	16.32	7.75	4.72	3.60
Property Trusts	12.99	12.90	7.19	7.21	Utilities	21.67	17.21	18.36	6.76	5.01	4.82
Retail	31.69	29.81	2.57	2.62							
Telecommunications	16.41	17.52	3.59	2.70							
Tourism & Leisure	18.61	19.15	4.00	3.99							
Transport	24.22	21.21	2.44	5.77							
Market Average	17.88	16.91	3.63	3.56							
Resource Average	12.46	13.57	3.03	3.02							
Industrial Average	18.83	17.67	3.70	3.66							

(GICS level 2 by Industry Groups)

{Companies making losses have been excluded from A.S.E. P/E series}

NOTE: The average range of All Ordinaries PE ratios over the last 15 years has been around 10 to 15.

REFLECTIONS	Close	Close	Close	Close	Close	Close	Close	Close	Close	Close	Close	Close	Close
	1 Jan25	1 Jan 24	6 Jan 23	16 Jan 22	3 Sep 20	31 Dec 19	31 Dec 17	31 Dec 16	31 Dec 15	31 Dec 14	31 Dec 13	31 Dec 12	31 Dec 11
Dow Jones	42,512	37,690	32,930	35,912	29,100	23,327	25,219	19,762	17,603	17,983	16,504	13,104	12,287
(industrial average of 30 leading Wall Street stocks)													
Nasdaq	19,350	16,826	10,305	14,894	12,056	6,635	7,239	5,440	5,065	4,282	4,154	3,019	2,613
(composite index)													
Standard & Poor's 500	5,875	4,770	3,895	4,663	3,526	2,507	2,732	2,251	2,063	2,080	1,848	1,426	1,263
(larger sample of businesses)													
S&P-ASX 200	7,666	7,591	7,109	7,406	6,090	5,646	5,904	5,666	5,295	5,411	5,304	4,631	4,050
ASX All Ordinaries	8,471	7,830	7,308	7,728	6,301	5,709	6,004	5,719	5,344	5,388	5,353	4,664	4,111

CORPORATE RATINGS CRITERIA

STANDARD & POOR'S

Long-term credit ratings:

'AAA'	The obligor's capacity to meet its financial commitment on the obligation is extremely strong.
'AA'	An obligation rated 'AA' differs from the highest rated obligation only to a small degree.
	The obligor's capacity to meet its financial commitment on the obligation is very strong.
'A'	An obligation rated 'A' is somewhat more susceptible to the adverse effects of changes in circumstances and economic conditions than obligations in higher rated categories.
	However, the obligor's capacity to meet its financial commitment on the obligation is still strong.
'BBB'	An obligation rated 'BBB' exhibits adequate protection parameters. However, adverse economic conditions or changing circumstances are more likely to lead to a weakened capacity of the obligor to meet its financial commitment on the obligation.
Investment Grade	
'BB', 'B', 'CCC', 'CC', 'C'	Obligations rated thus are regarded as having significant speculative characteristics. 'BB' indicates the least degree of speculation and 'C' the highest. While such obligations will likely have some quality and protective characteristics, these may be outweighed by large uncertainties or major exposures to adverse conditions.
Junk Bond Grade	
'BB'	Is less vulnerable to nonpayment than other speculative issues. However, it faces major ongoing uncertainties or exposure to adverse business, financial, or economic conditions that could lead to the obligor's inadequate capacity to meet its financial commitment on the obligation.
'B'	More vulnerable to nonpayment than 'BB', but the obligor currently has the capacity to meet its financial commitment on the obligation. Adverse business, financial, or economic conditions will likely impair the obligor's capacity or willingness to meet its financial commitment.
'CCC'	Is currently vulnerable to nonpayment, and is dependent upon favourable business, financial, and economic conditions for the obligor to meet its financial commitment on the obligation.
'CC'	An obligation rated 'CC' is currently highly vulnerable to nonpayment.
'C'	This rating may be used to cover a situation where a bankruptcy petition has been filed or similar action has been taken but payments on this obligation are being continued.
	C' is also used for preferred stock that is in arrears (as well as for junior debt of issuers rated CCC-' and 'CC').
'D'	It is used only where a default has actually occurred.

KEY INDUSTRIAL FINANCIAL RATIOS:

US Industrial long-term debt:	3 year (1996 /1998) median	AAA	AA	A	BBB	BB	B
EBIT interest coverage (x)		12.9	9.2	7.2	4.1	2.5	1.2
EBITDA interest coverage (x)		18.7	14.0	10.0	6.3	3.9	2.3
Funds flow/total debt (%)		89.7%	67.0%	49.5%	32.2%	20.1%	10.5%
Free operating cash flow / total debt (%)		40.5%	21.6%	17.4%	6.3%	1.0%	-0.4%
Return on capital (%)		30.6%	25.1%	19.6%	15.4%	12.6%	9.2%
Operating income / sales (%)		30.9%	25.2%	17.9%	15.8%	14.4%	11.2%
Long-term debt / capital (%)		21.4%	29.3%	33.3%	40.8%	55.3%	68.8%
Total debt / capital (incl. STD) (%)		31.8%	37.0%	39.2%	46.4%	58.5%	71.4%

EBIT - Earnings before interest and taxes.

EBITDA - Earning before interest, taxes, depreciation, and amortisation.

EBIT interest coverage =
$$\frac{\text{Earnings from continuing operations * before interest and taxes}}{\text{Gross interest incurred before subtracting (1) capitalised interest and (2) interest income}}$$

EBITDA interest coverage =
$$\frac{\text{Earnings from continuing operations * before interest, taxes, depreciation and amortisation}}{\text{Gross interest incurred before subtracting (1) capitalised interest and (2) interest income}}$$

Funds from operations/total debt =
$$\frac{\text{Net income from continuing operations plus depreciation, amortisation, deferred income taxes, and other noncash items}}{\text{Long-term debt plus current maturities, commercial paper, and other short-term borrowings}}$$

Free operating cash flow/total debt =
$$\frac{\text{Funds from operations minus capital expenditure, minus (plus) the increase (decrease) in working capital (excluding changes in cash, marketable securities, and short-term debt)}}{\text{Long-term debt plus current maturities, commercial paper, and other short-term borrowings}}$$

Return on capital =
$$\frac{\text{EBIT}}{\text{Average of beginning of year and end of year capital, including short-term debt, current maturities, long-term debt, non-current deferred taxes, and equity.}}$$

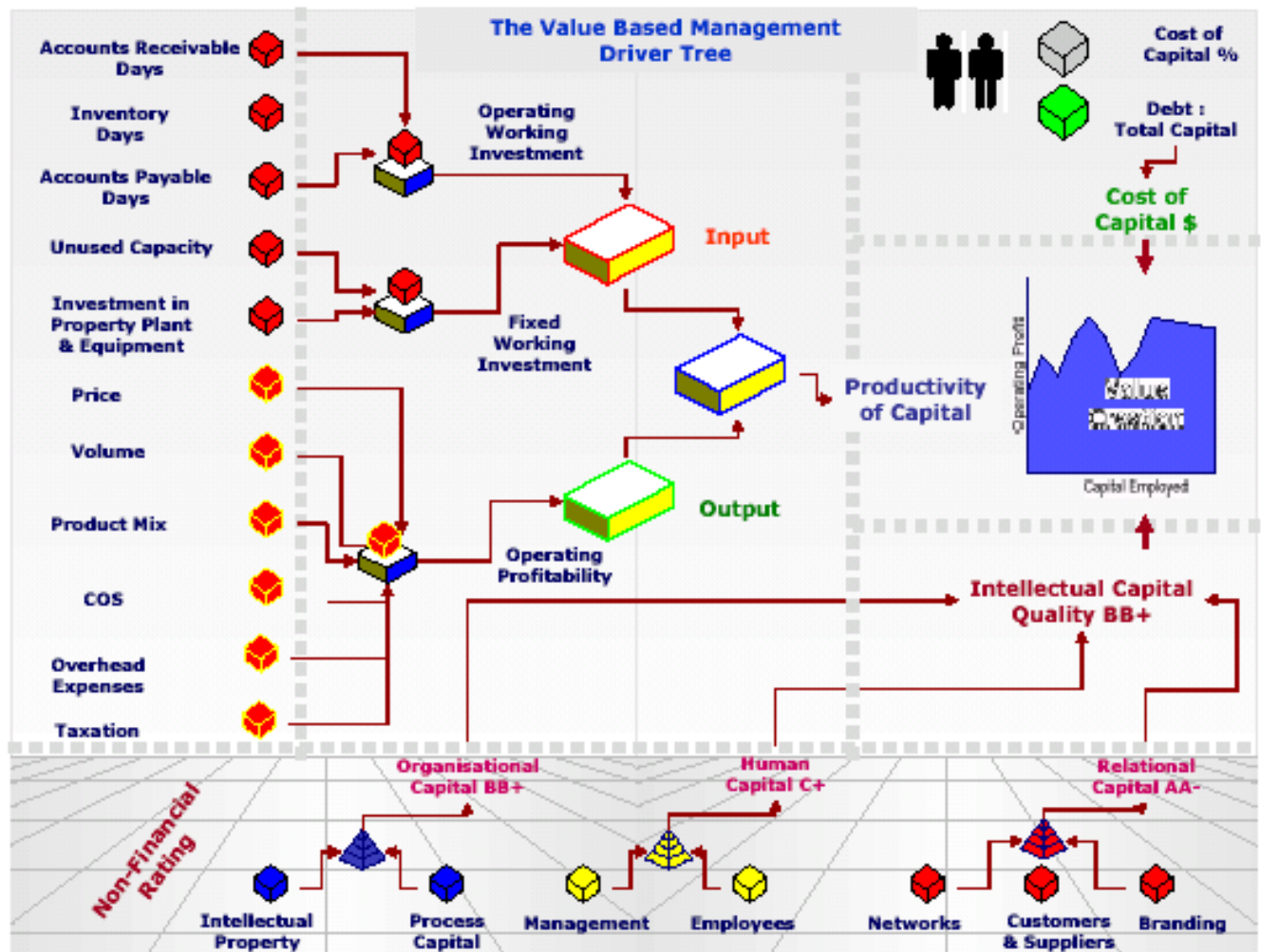
Operating income/sales =
$$\frac{\text{Sales minus cost of goods manufactured (before depreciation and amortisation), selling, general and administrative, and research and development costs}}{\text{Sales}}$$

Long-term debt/capitalisation =
$$\frac{\text{Long-term debt}}{\text{Long-term debt + shareholders' equity (including preferred stock) plus minority interest}}$$

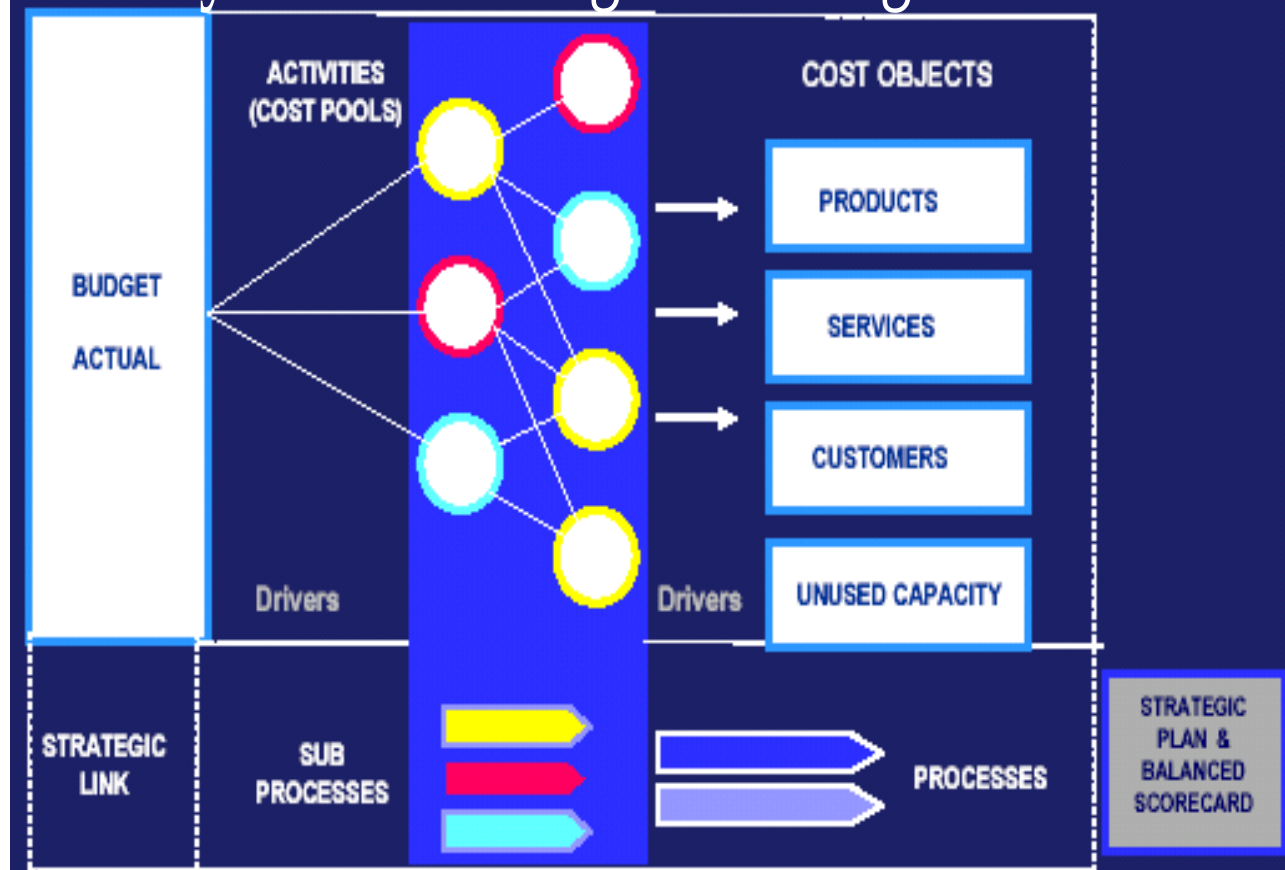
Total debt/capitalisation =
$$\frac{\text{Long-term debt plus current maturities, commercial paper, and other short-term borrowings}}{\text{Long-term debt plus current maturities, commercial paper, and other short-term borrowings + shareholders' equity (including preferred stock) plus minority interest.}}$$

VALUE BASED MANAGEMENT

BASIS of this FINANCIAL MODEL

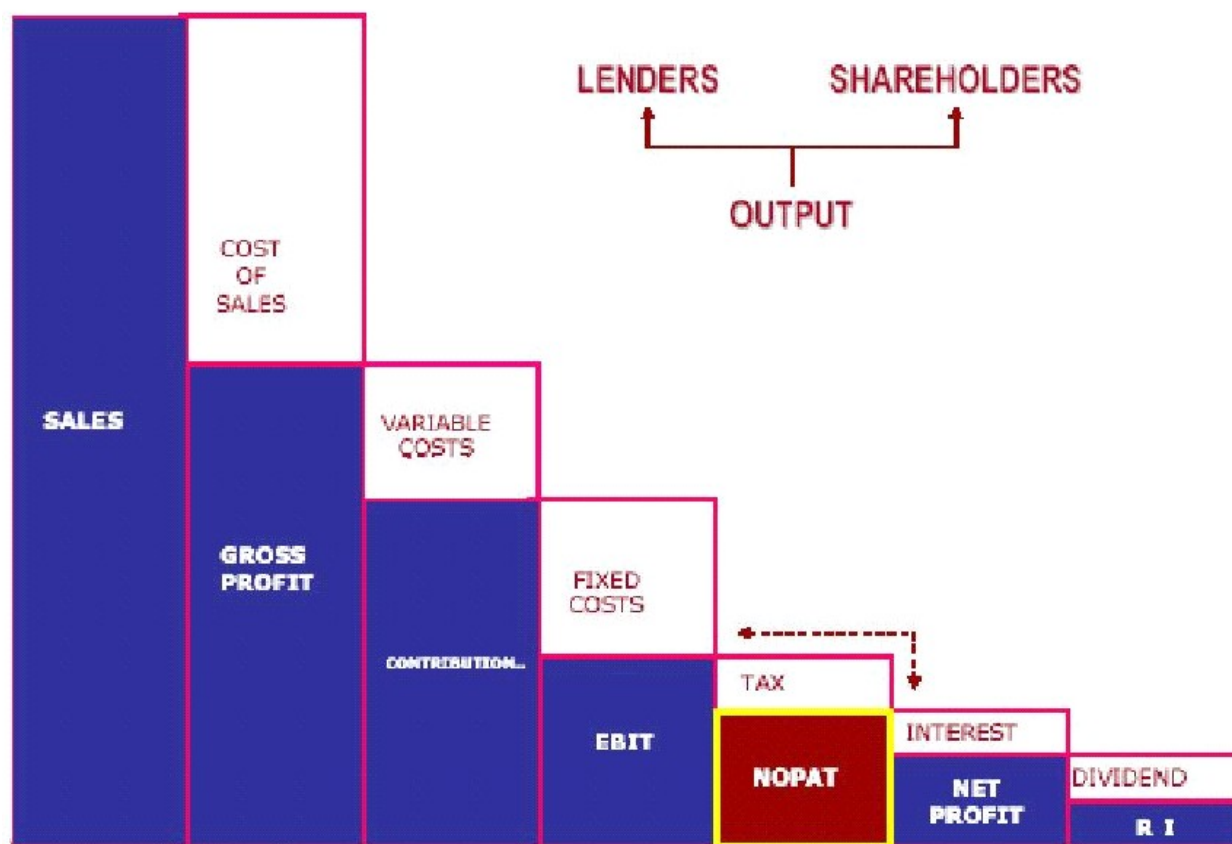


Activity Based Costing - A Strategic Framework



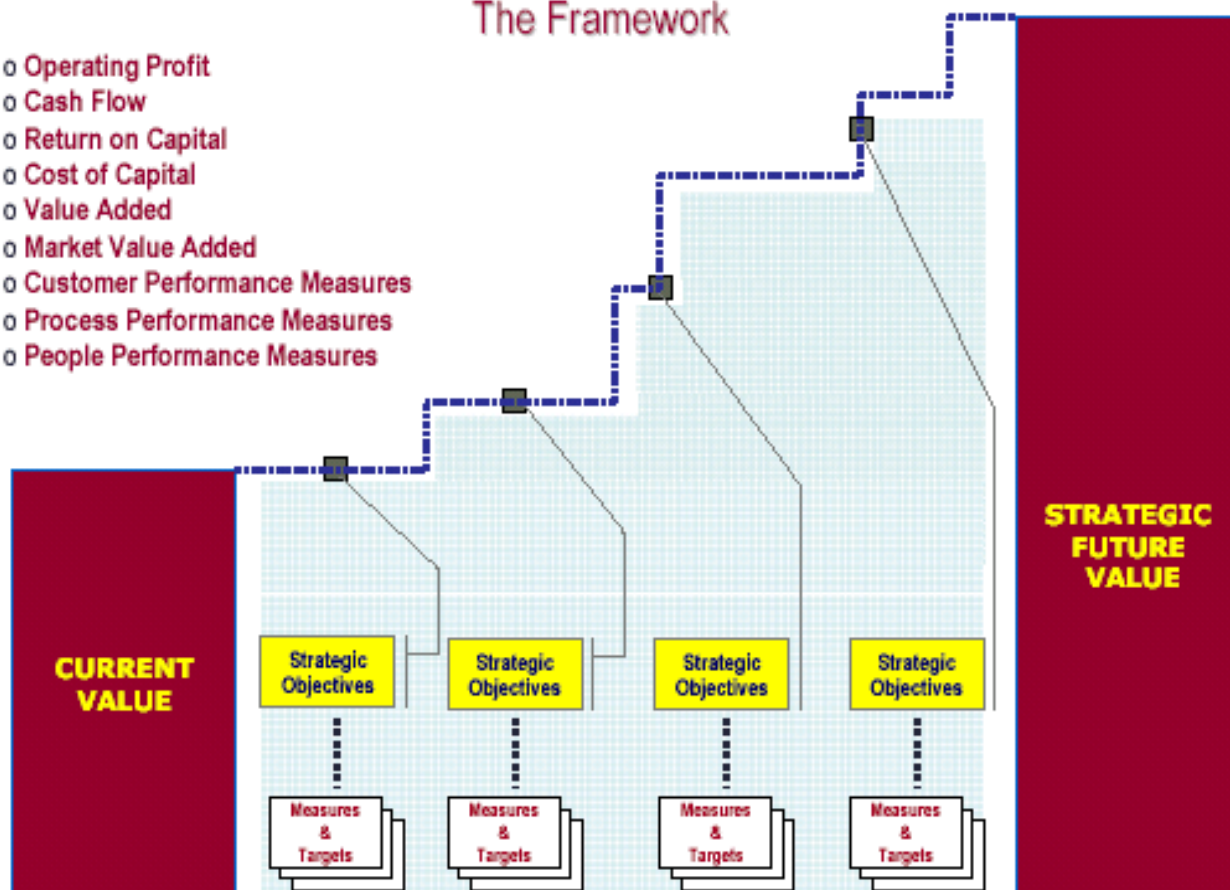
NOPAT to FUTURE VALUE

Net Operating Profit after tax, before interest



The Framework

- o Operating Profit
- o Cash Flow
- o Return on Capital
- o Cost of Capital
- o Value Added
- o Market Value Added
- o Customer Performance Measures
- o Process Performance Measures
- o People Performance Measures



The Balanced Scorecard & Intellectual Capital Rating

SHAREHOLDER VALUE

see Valuation Notes:
Adjust WACC with Bloomberts
beta factor industry loadings:

NOPAT =

WACC =

WACC benchmark - listed company

Net operating profit after tax (and before interest)

Weighted average cost of capital

9.8%unlisted company **12.0%****NOPAT**

Profit before depreciation

Depreciation

Profit before interest and borrowing costs

Less Taxation

NOPAT =

2030

-\$57,601,050

93,109,068

-150,710,118

-42,198,833

-\$108,511,285

Valuation as Private Entity

Yield required

12.0%

-\$905,000,000

Valuation as Private Entity

discounted back to

\$0

Valuation as Public Entity

Yield required

9.80%

-\$1,108,000,000

Valuation as Public Entity

discounted back to

0.00%

\$0

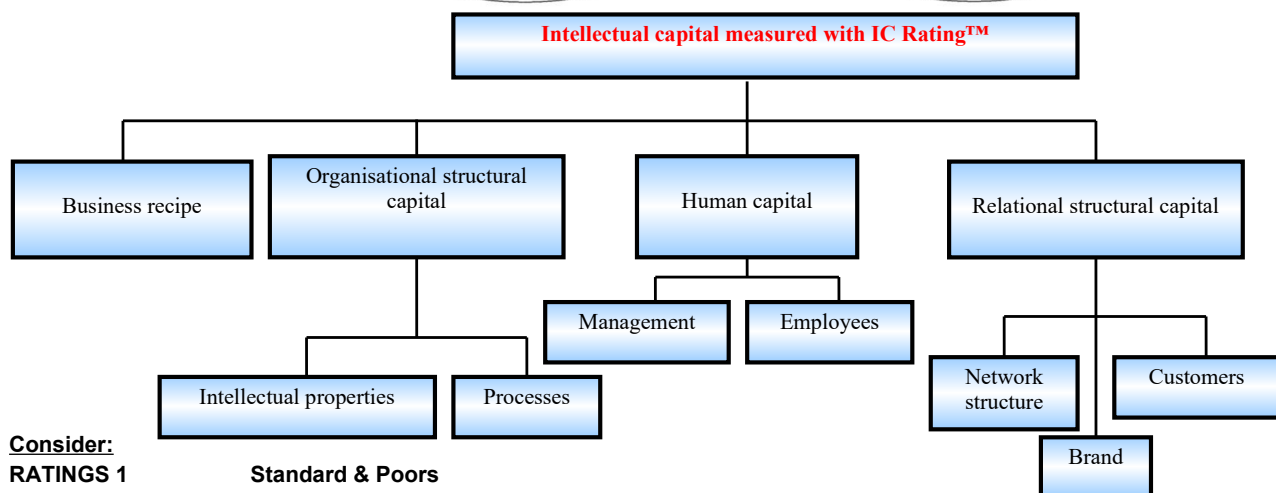
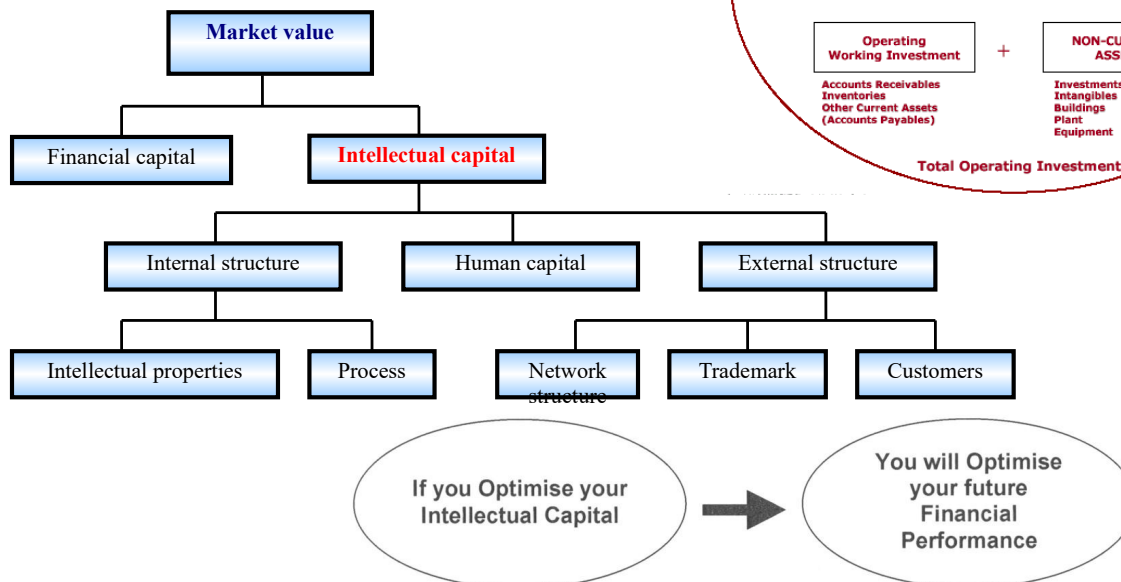
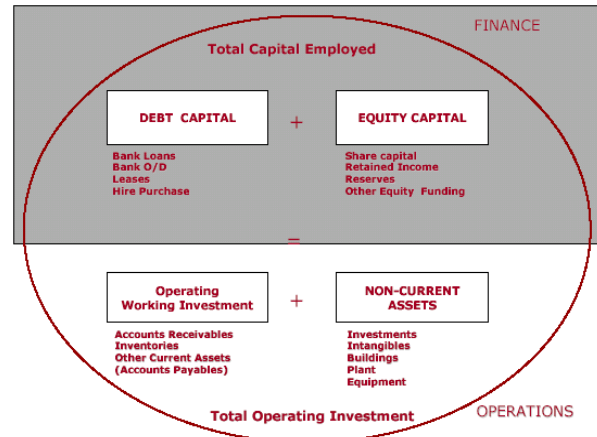
PE base

Adopted Value

variance

Annual requirement:

INCOME GENERATED must exceed
above benchmark rates on the
TOTAL of CAPITAL EMPLOYED
otherwise you are destroying value!



Consider:

RATINGS 1

RATINGS 2

RATINGS 3

Standard & Poors

Intellectual Capital

Corporate Social Responsibility



AAA Outstanding



AA High



A Satisfactory



B Low



C Very Low



D Inadequate

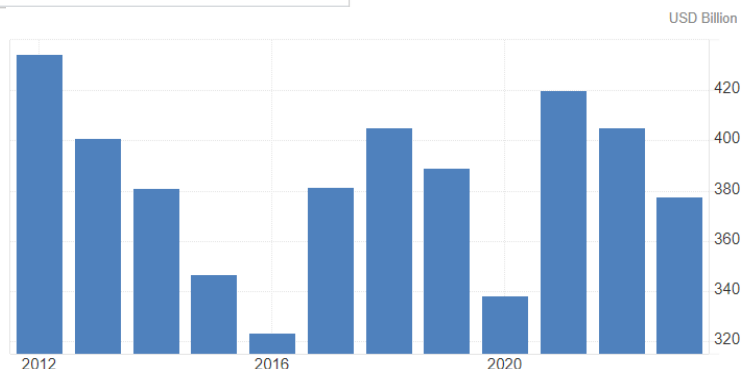
PASCAS FOUNDATION (South Africa) Ltd		\$ = USD 28 Feb												17
MONTHLY CASH FLOW		TOTAL	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11	Month 12
Sales Monthly		100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	16.6%	16.6%	16.7%	16.7%	16.7%	16.7%
TOTAL SALES		\$520,000	\$0	\$0	\$0	\$0	\$0	\$0	\$86,320	\$86,320	\$86,840	\$86,840	\$86,840	\$86,840
OUTGOINGS														
Total Consumable Costs		27,334,800	0	0	0	0	0	0	4,537,577	4,537,577	4,564,912	4,564,912	4,564,912	4,564,912
Employee Costs		322,400	0	0	0	0	0	0	53,518	53,518	53,841	53,841	53,841	53,841
Operating Costs Direct		2,104,000	0	0	0	0	0	0	349,264	349,264	351,368	351,368	351,368	351,368
Other production costs		1,541,740	0	0	0	0	0	0	255,929	255,929	257,471	257,471	257,471	257,471
TOTAL DIRECT COSTS		31,302,940	0	0	0	0	0	0	5,196,288	5,196,288	5,227,591	5,227,591	5,227,591	5,227,591
SCHOLARSHIPS GRANTED		6,700,000	0	0	0	0	0	0	1,112,200	1,112,200	1,118,900	1,118,900	1,118,900	1,118,900
ADMINISTRATION														
Advertising		100,000	8,333	8,333	8,333	8,333	8,333	8,333	8,333	8,333	8,333	8,333	8,333	8,333
Travelling & Accommodation		160,000	13,333	13,333	13,333	13,333	13,333	13,333	13,333	13,333	13,333	13,333	13,333	13,333
Bank Fees		15,600	0	0	0	0	0	0	2,590	2,590	2,605	2,605	2,605	2,605
Debt Collection		2,600	217	217	217	217	217	217	217	217	217	217	217	217
Occupancy Costs		70,000	5,833	5,833	5,833	5,833	5,833	5,833	5,833	5,833	5,833	5,833	5,833	5,833
Repairs & Maintenance		20,000	1,667	1,667	1,667	1,667	1,667	1,667	1,667	1,667	1,667	1,667	1,667	1,667
General Expenses		75,000	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250	6,250
Administration Salaries		3,520,500	293,375	293,375	293,375	293,375	293,375	293,375	293,375	293,375	293,375	293,375	293,375	293,375
Administration Other		280,000	23,333	23,333	23,333	23,333	23,333	23,333	23,333	23,333	23,333	23,333	23,333	23,333
Directors Fees		250,000	20,833	20,833	20,833	20,833	20,833	20,833	20,833	20,833	20,833	20,833	20,833	20,833
Research & Development		300,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Sundry Expenses		10,400	867	867	867	867	867	867	867	867	867	867	867	867
STAFF INCENTIVE		0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL ADMINISTRATION		4,804,100	399,042	399,042	399,042	399,042	399,042	399,042	401,631	401,631	401,647	401,647	401,647	401,647
TOTAL COSTS		42,807,040	399,042	399,042	399,042	399,042	399,042	399,042	6,710,119	6,710,119	6,748,138	6,748,138	6,748,138	6,748,138
NET REVENUE		-42,287,040	-399,042	-399,042	-399,042	-399,042	-399,042	-399,042	-6,623,799	-6,623,799	-6,661,298	-6,661,298	-6,661,298	-6,661,298
PROGRESSIVE REVENUE		-42,287,040	-399,042	-798,083	-1,197,125	-1,596,167	-1,995,208	-2,394,250	-9,018,049	-15,641,849	-22,303,146	-28,964,444	-35,625,742	-42,287,040
Grants treated as Revenue		-520,000	0	0	0	0	0	0	-86,320	-86,320	-86,840	-86,840	-86,840	-86,840
WORKING CAPITAL		-143,000							-47,667	-47,667	-47,667			
Other costs - borrowing		0	0											
Taxation		0												0
CAPITAL EXPENDITURE														
CapEx Land Building Acquisitions		-479,017,850			-47,901,785	-47,901,785	-47,901,785	-47,901,785	-47,901,785	-47,901,785	-47,901,785	-47,901,785	-47,901,785	-47,901,785
Plant & Equipment		-1,100,000			-366,667	-366,667	-366,667							
Office Building		-5,000,000		-1,250,000	-1,250,000	-1,250,000	-1,250,000							
Intellectual Property		0	0											
FUNDS NEEDED			-399,042	-1,649,042	-49,917,493	-49,917,493	-49,917,493	-48,300,827	-54,659,571	-54,659,571	-54,697,590	-54,649,923	-54,649,923	-54,649,923
PROGRESSIVE FUNDS NEED			-399,042	-2,048,083	-51,965,577	-101,883,070	-151,800,563	-200,101,390	-254,760,961	-309,420,532	-364,118,121	-418,768,044	-473,417,967	-528,067,890
TOTAL GRANTS FUNDING		570,000,000	50,000,000		120,000,000			200,000,000				200,000,000		
CASH BALANCE		41,932,110	49,600,958	-1,649,042	70,082,507	-49,917,493	-49,917,493	151,699,173	-54,659,571	-54,659,571	-54,697,590	145,350,077	-54,649,923	-54,649,923
PROGRESSIVE CASH BALANCE		41,932,110	49,600,958	47,951,917	118,034,423	68,116,930	18,199,437	169,898,610	115,239,039	60,579,468	5,881,879	151,231,956	96,582,033	41,932,110

PASCAS FOUNDATION (South Africa) Ltd
QUARTERLY CASH FLOW

	\$ = USD				28 Feb		AUD1.00 =		USD 0.65	ZAR 11.60	USD1.00 = ZAR 18.70		18
	Year of				Year of		Year of		2027		Year of		2028
	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4	
SALES													
SCHOOL LAND & BUILDINGS	0	0	0	0	0	0	0	0	1,832,130	1,832,130	1,832,130	1,832,130	
TAFE / CRAFT CREATION sites	0	0	0	0	0	0	0	0	1,969,493	1,969,493	1,969,493	1,969,493	
UNIVERSITY multiple campus	0	0	0	0	0	0	0	0	0	0	0	0	0
HOSPITAL LAND & BUILDINGS	0	0	0	0	0	0	0	0	0	0	0	0	0
CLINICS HEALTH CENTRES	130,000	130,000	130,000	130,000	455,000	455,000	455,000	455,000	780,000	780,000	780,000	780,000	
CLINICS LAND & BUILDINGS	0	0	0	0	32,500	32,500	32,500	32,500	65,000	65,000	65,000	65,000	
COMMUNITY CENTRE	0	0	0	0	0	0	0	0	0	0	0	0	0
MOBILE CLINIC	0	0	0	0	0	0	0	0	0	0	0	0	0
ORPHANAGES	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL SALES / GRANTS	\$130,000	\$130,000	\$130,000	\$130,000	\$487,500	\$487,500	\$487,500	\$487,500	\$4,646,623	\$4,646,623	\$4,646,623	\$4,646,623	
TOTAL DIRECT COSTS	7,825,735	7,825,735	7,825,735	7,825,735	8,497,780	8,497,780	8,497,780	8,497,780	12,965,790	12,965,790	12,965,790	12,965,790	
TOTAL DIRECT COSTS	7,825,735	7,825,735	7,825,735	7,825,735	8,497,780	8,497,780	8,497,780	8,497,780	12,965,790	12,965,790	12,965,790	12,965,790	
GROSS PROFIT CONTRIBUTION	-7,695,735	-7,695,735	-7,695,735	-7,695,735	-8,010,280	-8,010,280	-8,010,280	-8,010,280	-8,319,167	-8,319,167	-8,319,167	-8,319,167	
TOTAL ADMINISTRATION COSTS	1,201,025	1,201,025	1,201,025	1,201,025	2,157,063	2,157,063	2,157,063	2,157,063	2,900,364	2,900,364	2,900,364	2,900,364	
STAFF INCENTIVE				0					0				0
PROFIT CONTRIBUTION	-\$8,896,760	-\$8,896,760	-\$8,896,760	-\$8,896,760	-\$10,167,343	-\$10,167,343	-\$10,167,343	-\$10,167,343	-\$11,219,532	-\$11,219,532	-\$11,219,532	-\$11,219,532	
SCHOLARSHIPS GRANTED	-\$1,675,000	-\$1,675,000	-\$1,675,000	-\$1,675,000	-\$3,350,000	-\$3,350,000	-\$3,350,000	-\$3,350,000	-\$5,025,000	-\$5,025,000	-\$5,025,000	-\$5,025,000	
WORKING CAPITAL	-35,750	-35,750	-35,750	-35,750	-90,187	-90,187	-90,187	-90,187	-803,387	-803,387	-803,387	-803,387	
Grants treated as Revenue	-130,000	-130,000	-130,000	-130,000	-487,500	-487,500	-487,500	-487,500	-4,646,623	-4,646,623	-4,646,623	-4,646,623	
Interest	0			0				0					0
Other costs - borrowing	0				0				0				
Creditors - Directors	0	0											
Taxation	0	0	0	0	0	0	0	0	0	0	0	0	0
Dividends Paid				0				0					0
NET CASH FLOW	-10,737,510	-10,737,510	-10,737,510	-10,737,510	-14,095,030	-14,095,030	-14,095,030	-14,095,030	-21,694,541	-21,694,541	-21,694,541	-21,694,541	
CAPITAL EXPENDITURE													
CapEx Land Building Acquisitions	-119,754,463	-119,754,463	-119,754,463	-119,754,463	-112,541,963	-112,541,963	-112,541,963	-112,541,963	-117,342,650	-117,342,650	-117,342,650	-117,342,650	
Plant & Equipment	-275,000	-275,000	-275,000	-275,000	-2,525,000	-2,525,000	-2,525,000	-2,525,000	-27,650,000	-27,650,000	-27,650,000	-27,650,000	
Office Building	-2,500,000	-2,500,000	0	0	0	0	0	0	0	0	0	0	
Intellectual Property	0				0				0				
TOTAL GRANTS FUNDING	\$142,500,000	142,500,000	142,500,000	142,500,000	128,925,000	128,925,000	128,925,000	128,925,000	164,675,000	164,675,000	164,675,000	164,675,000	
LOAN REPAYMENTS				0				0				0	
NET QUARTER CASH FLOW	9,233,028	9,233,028	11,733,028	11,733,028	-236,993	-236,993	-236,993	-236,993	-2,012,191	-2,012,191	-2,012,191	-2,012,191	
OPENING BALANCE	0	9,233,028	18,466,055	30,199,083	41,932,110	41,695,118	41,458,125	41,221,133	40,984,140	38,971,949	36,959,758	34,947,566	
CLOSING BALANCE	\$9,233,028	\$18,466,055	\$30,199,083	\$41,932,110	\$41,695,118	\$41,458,125	\$41,221,133	\$40,984,140	\$38,971,949	\$36,959,758	\$34,947,566	\$32,935,375	
BALANCE SHEET BALANCE				\$41,932,110				\$40,984,140				\$32,935,375	

The Gross Domestic Product (GDP) in South Africa was worth US\$377.78 billion in 2023.

Related	Last	Previous	Unit	Reference
GDP	377.78	405.27	USD Billion	Dec 2023
GDP per Capita	6006.45	6022.43	USD	Dec 2023
GDP per Capita PPP	14284.34	14322.33	USD	Dec 2023



The size of South Africa's informal economy is estimated to be **29%** which represents approximately **US\$371** billion at GDP PPP levels. The minimum wage in South Africa of R25.42 per hour increased to **R27.58 (US\$1.48)** per hour with effect 1 March 2024.

The decline continued under President Cyril Ramaphosa, with official unemployment reaching **33%** in 2024. According to South Africa's most recent expanded unemployment rate, which includes discouraged work-seekers, South Africa has an unemployment rate of **41.9%**.

According to the Pietermaritzburg Economic Justice & Dignity group (PMBEJD), **approximately 30.4 million people in South Africa (55%)** live below the 2023 upper-bound poverty line, and about 13.8 million (25.2%) live below the food poverty line.

Percentage of South Africa's population calibrating at or below 200 MoC is **88%** - living in a desert of truth - the lack of truth! At least 90% of people in South Africa can read and write.

Value-added tax (VAT)

South Africa

VAT

15.0%

Corporate income tax (CIT)

Informal Economy

29.0%

The Corporate Tax Rate in South Africa stands at 28.0%

IsiZulu is South Africa's largest language. According to the census, it's the home language of almost a quarter (24%) of the population. Second is isiXhosa, spoken at home by 16.1%.

Afrikaans (10.5%) and Sepedi (9.8%) are estimated to have roughly the same share of home language speakers, as are English (8.6%) and Setswana (8.2%). South Africa has 12 official languages and a multilingual population fluent in at least two.

As of December 2024

USD 1.00	=	ZAR 18.70	ZAR 1.00	=	USD 0.05
AUD 1.00	=	ZAR 11.60	ZAR 1.00	=	AUD 0.09

CURRENCY EXCHANGE RATES

<https://www.x-rates.com/table/?from=AUD&amount=1>

The Australian Dollar buys:	1.1.25	1.1.24	6.1.23	16.1.22	1.9.20	31.12.18	31.12.17	31.12.16	31.12.15	31.12.14	31.12.13
US Dollar (cents)	61.88	68.03	67.62	72.16	72.60	70.40	79.00	72.36	73.05	81.20	85.10
Euro (cents)	59.75	61.58	64.28	63.22	61.30	61.31	64.00	69.00	69.00	70.00	60.53
£ Sterling	0.49	0.53	0.57	0.53	0.55	0.55	0.56	0.59	0.51	0.53	0.51
Canadian \$	0.89	0.90	0.92	0.91	0.95	0.96	0.99	0.98	1.01	0.95	0.90
China Yuan	4.52	4.83	4.64	4.58	4.97	4.84	5.02	5.03	4.98	5.03	5.39
East Caribbean Dollar	1.66	1.84	1.86								
Hong Kong Dollar	4.81	5.31	5.28	5.61	5.63	5.51	6.19	5.61	5.87	6.56	6.57
Indian Rupees	52.96	56.65	55.82	53.53	53.36	49.00	50.96	49.18	48.31	51.31	52.24
Indonesian Rupiah	10067	10472	10740	10500	10350	10145					
Japanese yen	97.32	95.96	90.72	82.40	77.03	77.23	84.05	84.47	92.00	98.00	89.06
Malaysian Ringgit	2.77	3.12	2.97	3.01	3.01	2.91					
New Zealand \$	1.11	1.08	1.08	1.06	1.08	1.05	1.07	1.04	1.09	1.05	1.03
Pakistan Rupee	172.00	192.00									
Philippine Pesos	35.94	37.69	38.20	37.00	35.30	36.96	41.40	37.99	34.31	36.33	36.04
PNG Kina	2.47	2.58	2.43	2.53	2.42	2.39	2.53	2.30	2.19	2.05	1.89
Russian Ruble	69.24	60.79	49.89	55.00	54.60	48.70					
Solomon Is Dollar	4.99	5.74	5.71	5.83	5.80	5.80	6.15	5.95	5.92	5.84	6.38
Singapore Dollar	0.85	0.90	0.91	0.97	0.99	0.96	1.04	1.05	1.08	1.13	1.07
South African Rand	11.69	12.45	11.77	11.07	12.17	10.11	9.20	10.26	11.28	9.51	8.76
Swiss franc	0.56	0.57	0.63	0.66	0.66	0.69	0.73	0.74	0.73	0.81	0.75
Tanzanian Shilling	1485	1700									
Thai Bahts	21.25	22.39	23.25	23.94	22.80	22.69	24.77	25.93	26.27	26.72	27.04
Ukrainian Hryvnia	25.96	25.95	25.31	21.80	18.60	19.37					
Vanuatua Vatu	71.78	80.91	81.22	81.75	81.16	79.15					

Pascas Oversight Council

SOUTH AFRICA

Council of 12 or more to guide and oversee the transition and rollout of PASCAS FOUNDATION (South Africa) Ltd

	2026	2027	2028	2029	2030
Remuneration and overhead on-costs	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000

Journey for Humanity

The development of the museum concept and displays.
Then the establishment of the museum at strategic locations

	2026	2027	2028	2029	2030
Museum construction costs "Journey for Humanity"					
"Humanity's Journey"	\$20,000,000	\$30,000,000	\$50,000,000	\$50,000,000	\$0

Kindly review the Pascas Papers within the Library Download page at www.pascashealth.com
Medical Education "Pascas Park Journey for Humanity Museum"

<http://www.pascashealth.com/index.php/library.html>

Library Download – Pascas Papers

All papers may be freely shared. The fortnightly mailouts are free to all, to be added into the mailout list, kindly provide your email address. info@pascashealth.com

STAFF NEEDS									
#	Staff	Qty	Desktop	Laptop	MFP	Cellphone	Laser printer	Color printer	Office furniture set
1	PASCAS Foundation (Angola) Ltd Director	3		3	3	3	1	1	3
2	Executives - Schools,University, Hospitals	3	3			3	3		3
3	Chief Accountant	1	1		1	1	1		1
4	Economist - auditor	1	1			1	1		1
5	Lawyer	3	3			3	3		3
6	Interpreter	1		1		1		1	1
7	Executive Human Resources Manager	1	1			1			1
8	Human Resources Officers	2	2		2	2	1		2
9	General Manager	1	1			1	1		1
10	Marketing Manager	1	1			1	1		1
11	Marketing Officers	1	1			1	1		1
12	Sales Manager	1	1			1	1		1
13	Production Manager	1	1			1	1		1
14	Information Technology Manager	1	1			1	1		1
15	Information Technology Officers	3	3			3	1		3
16	Technical Engineer	1	1			1	1		1
17	Quality Control Officers	1	1			1	1		1
18	Administrative Manager	1		1		1	1		1
19	Secretary	2	2			2	2		2
20	Shipping	3				3			3
21	Head of Security	1	1			1	1		1
22	Security	4				4			4
23	Non Exective Directors	3	3			3	2	1	3
24	Other staff	5				5			5
25	Sub Contractors	2	2			2	1		2
TOTAL:		47	30	5	6	47	26	3	47
			Cost per unit, USD (Average)						
			Desktop	Laptop	MFP	Cellphone	Laser printer	Color printer	Office furniture set
			643	1571	330	143	302	771	1285
TOTAL:			19,290	7,855	1,980	6,721	7,852	2,313	60,395
									\$106,406

Plus miscellaneous

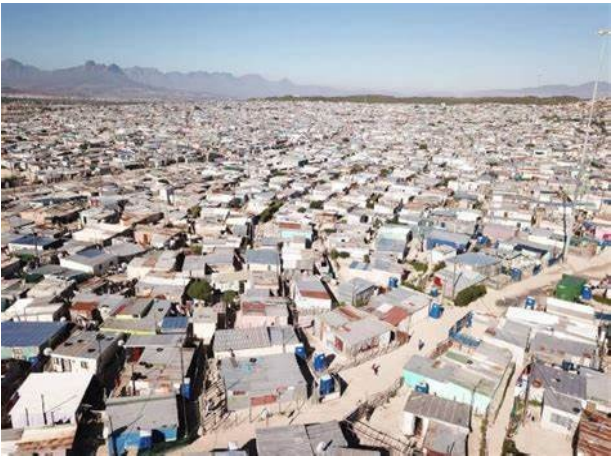
say \$500,000

MULTIFUNCTION PERIPHERAL (MFP)

A multifunction peripheral (MFP) is a device that performs a variety of functions that would otherwise be carried out by separate peripheral devices. As a rule, a multifunction peripheral includes at least two of the following:

Printer
Scanner
Copier
Fax Machine





SOCIAL HOUSING

PASCAS VILLAGE - SANCTUARY PARADISE



The Healing Power of “Bello” – Beautiful – is to be mirrored within every Sanctuary Paradise Village with accommodation being available for those from all walks of life – veterans, homeless, troubling adolescents, domestic violence victims, any and all who ultimately are to benefit from Feeling Healing. The population of women, men and children to be no more than 1,000.

Housing, community living and schooling
INITIAL PROGRAM budget per annum

USD
say **\$110,000,000**

ORPHANAGES

AUD1.00 = USD 0.65 ZAR 11.60

USD1.00 = ZAR 18.70

<https://www.macrotrends.net/global-metrics/countries/ZAF/south-africa/fertility-rate>

The **fertility rate for South Africa in 2024 is projected to be 2.291 births per woman**, which is a decline from 2023.

The birth rate for South Africa in 2024 is projected to be 18.747 births per 1,000 people, also showing a decline from 2023.

<http://www.childrencount.uct.ac.za/indicator.php?domain=1&indicator=4>

In 2022, there were **2.8 million orphaned children in South Africa**. This includes children without a living biological mother, or father or both parents, and is equivalent to 14% of all children in South Africa. The majority (64%) of all orphans in South Africa are paternal orphans (with deceased fathers and living mothers).

Child labour in South Africa is a significant issue, with children subjected to the worst forms of child labour, including commercial sexual exploitation, human trafficking, forced begging, and use in illicit activities. While the Basic Conditions of Employment Act prohibits employing children younger than 15, enforcement **remains a challenge. Social programs are insufficient, and free basic education is not guaranteed by law.**

Approximately 72.1 million African children engage in child labor.

31 million are working hazardous jobs.

These jobs include strenuous labor in agricultural work, mechanic work in unsanitary factories, and selling their bodies.

Child labor is regarded as a criminal offense in South Africa.

It is a criminal offense to employ a child younger than 15, except in the performing arts with a permit from the Department of Employment and Labour.



Support for Orphanages may expand throughout South Africa

A starting point:

3,000 orphans anywhere in South Africa

Possible present situation:

Being provided per child Existing at this point

Required per child

Needed per child

for year multiply by

Food per day	Medicine per mth	Clothing per qut
\$1.53	\$0.61	\$0.00
\$10.00	\$285.00	\$250.00
\$11.53	\$285.61	\$250.00
365	12	4

10,950,000 10,260,000 3,000,000 24,210,000

Counsellor Carers	Living Feelings First accredited	30	one per - this being in addition to existing staff / carers children Pascas Counsellors	salary \$30,000	\$3,000,000
		Total required 100			

ORPHANAGES ANNUAL RECURRENT COSTS \$27,210,000

Water purification systems (per orphanage)

Equipment cost, USD	Installation cost, USD	Performance, litres/ hour	Once only Budget	
5,000 - 20,000	1,000 - 5,000	40 - 150		500,000

Major repair and renovation

Major repair and renovation, USD, M2 (building from 3,500 to 7,500 square metres)	Budget	5,000,000
ORPHANAGES ONCE ONLY CAPITAL COSTS		\$5,500,000

Year 1 starter support: **\$32,710,000**

PASCAS FOUNDATION (South Africa) Ltd
ESTIMATED BUILDING COSTS SCHOOL

AUD1.00 = USD 0.65

\$ = USD
 ZAR 11.60

28 Feb

USD1.00 = ZAR 18.70

24

HIGH SCHOOL
TOTAL COMPLEX

Metres
 Length

Metres
 Width

Total M²
 Floor Area

\$ M²
 Cost

TO BUILD
 A\$ Cost

SCHOOL building per m2				\$2,500	
building per m2 for Maths	\$1,200				
building per m2 for Technology	\$3,500				
Floor space per child (classroom, halls, toilets, admin, etc.)			33		
School student population			600		
Total building area and cost			19,800	\$2,500	\$49,500,000
Sporting fields and grounds					2,500,000
Total School Campus to be developed		students	3,000		

TOTAL BUILDING STRUCTURES

(Cordell based estimates can be improved upon)

M²

19,800

\$2,626

\$52,000,000

SITE WORKS

Site Filling	20,000	M ³		50	1,000,000
spaces circulation		2			
Parking Areas	200	15	297	4,452	100
per car space		5	3	14.84	445,200
Site works			M ²	800	100
					80,000
Sporting Fields	20,000	M ³		150	3,000,000
Services (electrical / sewer etc) transformers					5,000,000
Security fences					30,000
Security deposits Power Authority					10,000
Professional costs				6%	3,120,000
Contingency				5%	2,600,000
TOTAL CONSTRUCTION					\$67,285,200
LAND COSTS	30,000	M ³		200	6,000,000

LAND & BUILDINGS

\$73,285,200

RENTAL BUDGET

19,800 M²

10.0% pr anm

\$370.13 M²

\$7,328,520



PASCAS FOUNDATION (South Africa) Ltd

ESTIMATED BUILDING COSTS TAFE

Technical And Further Education

TAFE

TOTAL COMPLEX

Craft Creations

AUD1.00 = USD 0.65

Metres

Metres

Length

Width

\$ = USD

Total M²

Floor Area

28 Feb

AUD0.086 = ZAR 1.00

USD1.00 = ZAR 18.70

\$ M²

Cost

TO BUILD

A\$ Cost

25

TAFE building per m2	similarly for Craft Creations					\$2,750
building per m2 for Maths	\$1,200					
building per m2 for Technology	\$3,500					
Floor space per child					33	
(classroom, halls, toilets, admin, etc.)						
School student population					600	
Total building area and cost				19,800	\$2,750	\$54,450,000
Sporting fields and grounds buildings						2,500,000
Total TAFE Campus to be developed		students		3,000		

TOTAL BUILDING STRUCTURES	M ²	19,800	\$2,876	\$56,950,000
(Cordell based estimates can be improved upon)				

SITE WORKS

Site Filling	20,000	M ³	50	1,000,000
spaces	circulation	2		
Parking Areas	200	15	297	4,452
	per car space	5	3	14.84
Site works		M ²	800	100
				80,000
Sporting Fields	20,000	M ³	150	3,000,000
Services (electrical / sewer etc)				5,000,000
transformers				
Security fences				30,000
Security deposits Power Authority				10,000
Professional costs			6%	3,417,000
Contingency			5%	2,847,500
TOTAL CONSTRUCTION				\$72,779,700
LAND COSTS	30,000	M ³	200	6,000,000

LAND & BUILDINGS

RENTAL BUDGET

19,800 M²

10.0% pr anm

\$397.88 M²

\$7,877,970

\$78,779,700



PASCAS FOUNDATION (South Africa) Ltd			\$ = USD	28 Feb	26
ESTIMATED BUILDING COSTS UNIVERSITY	AUD0.086 = ZAR 1.00				
(5 Campus = 1 University)	AUD1.00 = USD 0.65 ZAR 11.60				
HIGH SCHOOL equivalent +	Metres	Metres	Total M²	USD1.00 = ZAR 18.70	
TOTAL COMPLEX	Length	Width	Floor Area	\$ M² TO BUILD	A\$ Cost

UNIVERSITY building per m2				\$3,200	
building per m2 for Maths	\$1,200				
building per m2 for Technology	\$3,500				
Floor space per child				33	
(classroom, halls, toilets, admin, etc.)					
University student population			1,000		
Total building area and cost			33,000	\$3,200	\$105,600,000
Sporting fields and grounds buildings					2,500,000
Total University Campus to be developed		students	5,000		
TOTAL BUILDING STRUCTURES		M²	33,000	\$3,276	\$108,100,000
(Cordell based estimates can be improved upon)					

SITE WORKS

Site Filling	20,000	M³		50	1,000,000
	spaces	circulation	2		
Parking Areas	200	15	297	4,452	100
	per car space	5	3	14.84	
Site works		M²	800	100	80,000
Sporting Fields	20,000	M³		150	3,000,000
Services (electrical / sewer etc)					5,000,000
transformers					
Security fences					30,000
Security deposits Power Authority					10,000
Professional costs				6%	6,486,000
Contingency				5%	5,405,000
TOTAL CONSTRUCTION					\$129,556,200
LAND COSTS	100,000	M³		200	20,000,000

LAND & BUILDINGS

	33,000 M²	\$453.20 M²	\$149,556,200
RENTAL BUDGET	10.0% pr anm	\$14,955,620	



PASCAS FOUNDATION (South Africa) Ltd	\$ = USD 28 Feb	27
	AUD1.00 = USD 0.65 ZAR 11.60 USD1.00 = ZAR 18.70	
HOSPITAL COST	This could be 4 hospitals	
INVESTED FUNDS	of 75 beds each on 4 islands.	\$ \$
Central Location - Medium Rise - Prestige Structure		
LAND ACQUISITION	TEN HECTARES	\$20,000,000
Stamp Duty	REQUIRED	1,200,000
Legals & Commissions on purchase		100,000
Land Cost		21,300,000
Headwork Charges		1,000,000
Civil Works		4,000,000
SITE COSTS		\$26,300,000
HOSPITAL DEVELOPMENT		
	BEDS	
BUDGET COST OF BUILDING	300	\$600,000 180,000,000
Professional Fees - Construction		12.0% 12,387,840
BUILDING COSTS		192,387,840
TOTAL GENERAL AREA FITOUT	300	\$100,000 30,000,000
TOTAL for Theatres	15	\$1,200,000 18,000,000
IMAGING SYSTEMS TOTAL		19,000,000
RADIOTHERAPY TOTAL		0
EMERGENCY CENTRE		1,500,000
MEDICAL CENTRE for Medical Practitioners		600,000
MEDICAL CENTRE for Specialists		1,000,000
MEDICAL CENTRE for Oncologist Specialists		2,200,000
PAIN CLINIC		1,200,000
PATHOLOGY LABORATORY		2,000,000
HOSPITAL EQUIPMENT COSTS		75,500,000
Stockup		5,000,000
Professional Fees - Industry Specialities		2,250,000
Development Working Capital		2,000,000
Pe-opening marketing and staffing costs		5,000,000
Working Capital		5,000,000
WORKING CAPITAL & FEES		19,250,000
TOTAL HOSPITAL DEVELOPMENT COSTS		\$313,437,840
MEDI-HOTEL with Step-Down Accommodation	ROOMS	per room
room fitout	150	\$60,000 9,000,000
balance		3,800,000
Hotel total fitout		12,800,000
ASSOCIATED MEDICAL FACILITIES & DIVISIONS		10,000,000
ASSET DEVELOPMENT COSTS		\$336,237,840
Borrowing Costs & Share Placement Costs	3.0%	10,087,135
INTEREST PROVISION - CONSTRUCTION	8.0%	26,899,027
INTEREST PROVISION - 3 Months Operation		6,000,000
TOTAL PROJECT BUDGET		\$379,224,002
BUFFER	{ buffer offset against interest + provision }	20,775,998
FUNDING STRUCTURE		\$400,000,000



HOSPITAL EQUIPMENT

AUD1.00 =

USD 0.65

ZAR 11.60

USD1.00 =

ZAR 18.70

PLANT & EQUIPMENT

EQUIPMENT & FITOUT BUDGETS

	No		Total
		\$	\$
Wards - single with medical gas, ensuite etc	300	40,000	\$12,000,000
Ward area equipment			1,000,000
Day Theatre complex fitout for patients	30	25,000	750,000
Common Areas			1,500,000
Office and administration			300,000
Computer System, hardware and software			9,000,000
Telephone System			550,000
Fire Detection Systems			500,000
Signage			400,000
Sundry Provisions			4,000,000
TOTAL GENERAL AREA FITOUT	300	100,000	\$30,000,000

THEATRES

Table		\$100,000
Theatre Lights		100,000
Instruments		200,000
Image Intensifier		140,000
Anaesthesia		170,000
Endoscopy Instruments		120,000
Autoclaves		100,000
Sundry		270,000
Total per Theatre		\$1,200,000

Total for Main Theatres 10 12,000,000

Total for Day Theatres 5 6,000,000

TOTAL for Theatres 18,000,000

IMAGING EQUIPMENT

MRI Flex Art	4,400,000
Cardiac Catheter Lab	2,400,000
CT Scanner Xpress SX	2,200,000
CT Scanner Xspeed	1,800,000
Angiography Unit	1,400,000
Dual Head Gamma Camera	1,000,000
Fluoroscopy Room	800,000
General Ultrasound	600,000
Cardiac Ultrasound	600,000
Mobile Image Intensifier - main theatres	300,000
Mobile Image Intensifier - day theatres	300,000
Mammography Unit	250,000
General Xray Room	400,000
Tomography Room	200,000
Mobile Xray Unit	100,000
Laser Camera	100,000
Monitoring Equipment, ECG/pressures	250,000
Digital Agfa & Miscellaneous	150,000
Additional Developments	1,750,000
IMAGING SYSTEMS TOTAL	19,000,000

RADIOTHERAPY UNIT

Linear Accelerator (10MEV) - Varian	0
Linear Accelerator (6MEV) - Varian	0
Support Equipment	0

RADIOTHERAPY TOTAL 0

EMERGENCY 1,500,000

MEDICAL CENTRE for Medical Practitioners 600,000

MEDICAL CENTRE for Specialists 1,000,000

MEDICAL CENTRE for Oncologist Specialists 2,200,000

PAIN CLINIC 1,200,000

PATHOLOGY LABORATORY 2,000,000

TOTAL FITOUT & EQUIPMENT **\$75,500,000**

PASCAS FOUNDATION (South Africa) Ltd **\$ = USD** **28 Feb** **29**
ESTIMATED BUILDING COSTS FIRST AID - CLINIC - AUD0.086 = ZAR 1.00
COMMUNITY CENTRE AUD1.00 = USD 0.65 ZAR 11.60 USD1.00 = ZAR 18.70

Metres Metres Total M² \$ M² TO BUILD
Length Width Floor Area Cost A\$ Cost

TOTAL COMPLEX						
building per m2					\$3,000	
budget including land						
CLINIC HEALTH CENTRE	Loading					\$2,000,000
	30%					
MEDICAL CLINIC	30%					1,000,000
COMMUNITY CENTRE	30%					2,000,000
MOBILE CLINIC	30%					500,000
TOTAL BUILDING STRUCTURES		M ²		0		\$5,500,000
(Cordell based estimates can be improved upon)						

SITE WORKS						
Site Filling		2,000	M ³		50	100,000
	spaces	circulation	2			
Parking Areas	20	15	30	445	100	44,520
	per car space	5	3	14.84		
Site works			M ²	800	100	80,000
Services (electrical / sewer etc)						50,000
transformers						
Security fences						30,000
Security deposits Power Authority						10,000
Professional costs					6%	330,000
Contingency					5%	275,000
TOTAL CONSTRUCTION						\$6,419,520

LAND COSTS	3,000	M ³	200	600,000
Stamp duty waived by Government	PASCAS FOUNDATION (Poland) Ltd is a charity			

LAND & BUILDINGS **\$7,019,520**

RENTAL BUDGET 0 M² M²
10.0% pr anm \$701,952



Load prime
cost by
30%

The Train of Hope: South Africa's Phelophepa



Doctors require a three- to four-year undergraduate Bachelor of Medicine program and a four-year postgraduate degree. They then spend up to two years interning and training as a resident before spending up to four years training as a fellow in their chosen speciality.

In Australia, you can expect to pay between AU\$11,000 and AU\$60,000 per year for your studies, depending on whether you have a Commonwealth Supported Place (CSP) or are paying full-fees in an accelerated program. Typical tuition fees for undergraduate medical programs are around AU\$57,760 to AU\$71,488 (February 2022). (Consider AU\$70,000)

The fees for an undergraduate (bachelor's) nursing course may range between AUD \$27,000 to \$35,000 per year. The Bachelor of Nursing is 3 years, full-time under the standard study plan. By fast-tracking you can complete the degree in 2 years, including clinical placements. For a traditional four-year bachelor of science in nursing (BSN) program, students can expect total tuition costs of at least \$40,000 (or much more).

Master of Teaching (Secondary)
 Indicative first year fee AU\$30,976
 Indicative total course fee AU\$63,500

University of Melbourne 2022

Secondary school teachers are responsible for teaching students in Year 7 through 12, who are generally between the age group of 12 and 18. These typically include four-year courses for individuals with a good Universities Admission Index (UAI) score and who have successfully completed Year 12. The courses combine practical and theory to give a well-rounded teaching experience.

Total Tuition Fees

Bachelor of Accounting	2022	\$135,600
Bachelor of Information & Communications	2022	\$111,840
Bachelor of Psychology	2022	\$108,480
Bachelore of Nursing & Midwifery	2022	\$82,920
Master of Teaching	2022	\$48,960

SCHOLARSHIPS GRANTS		2026	2027	2028	2029	2030
Doctors	numbers	20	20	20	20	20
Nurses	numbers	40	40	40	40	40
Teachers	numbers	40	40	40	40	40
Cumulative whilst at foreign university		100	100	100	100	100
Doctors	numbers	20	40	60	80	100
Nurses	numbers	40	80	120	120	120
Teachers	numbers	40	80	120	160	160
Tuition Fees		100	200	300	360	380
Doctors	each					
Doctors	per annum	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000
Nurses	per annum	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000
Teachers	per annum	\$35,000	\$35,000	\$35,000	\$35,000	\$35,000
Living Allowance Subsidy						
Doctors	each					
Doctors	per annum	25,000	25,000	25,000	25,000	25,000
Nurses	per annum	25,000	25,000	25,000	25,000	25,000
Teachers	per annum	25,000	25,000	25,000	25,000	25,000
Total Individual Scholarship						
Doctors	each					
Doctors	per annum	\$95,000	95,000	95,000	95,000	95,000
Nurses	per annum	60,000	60,000	60,000	60,000	60,000
Teachers	per annum	60,000	60,000	60,000	60,000	60,000
ANNUAL SCHOLARSHIP BUDGET						
Doctors	per annum	\$1,900,000	3,800,000	5,700,000	7,600,000	9,500,000
Nurses	per annum	2,400,000	4,800,000	7,200,000	7,200,000	7,200,000
Teachers	per annum	2,400,000	4,800,000	7,200,000	9,600,000	9,600,000
TOTAL SCHOLARSHIPS		\$6,700,000	\$13,400,000	\$20,100,000	\$24,400,000	\$26,300,000

PASCAS FOUNDATION (South Africa) Ltd
ENTERPRISE AGREEMENT WAGE STRUCTURE

\$ = USD 28 Feb 31

AUD1.00 = USD 0.65 ZAR 11.60 USD1.00 = ZAR 18.70

		Annualised Daywork	Weekly	Hourly Overtime
GENERAL OPERATIONS				
1 Trainee Operator	(Australian structure)	\$72,800	\$1,400	\$41.65
2 Operator		\$88,400	\$1,700	\$50.60
3 Senior Operator		\$93,600	\$1,800	\$53.55
4 Plant Controller		\$98,800	\$1,900	\$56.55
5 Senior Plant Controller		\$104,000	\$2,000	\$59.50
6 Senior Plant / Trainer		\$114,400	\$2,200	\$65.45
7 Plant Specialist		\$156,000	\$3,000	\$89.25
ADMINISTRATION				
Secretarial / Clerical		\$57,200	\$1,100	\$32.75
Personal Assistant		\$67,600	\$1,300	\$38.70
Specialist		\$83,200	\$1,600	\$47.60

PRODUCTIVE HOURS per ANNUM	Weeks	Days	Hours
Weeks per year	52	260	
Less: Public Holidays (10)	2	10	76
Annual Holidays	4	20	152
Effective working weeks	46	230	
Hours worked per day			7.60
Hours worked per week			38
Employee annual productive hours per Annum			1,748

Overtime hours worked are paid at the rate being annual salary / productive hours pa

SHIFT PLATFORM	Day 7am-3pm	Night 3pm-11pm	Morning 11pm-7am
Shift Allowance	\$0.00	\$7.00	\$14.00

SUPERANNUATION			
Employer contribution as a % of ordinary time earnings	2006	9.00%	
Financial Year ending on 30 June	2009	10.00%	

WORKERS COMPENSATION	2.50%
----------------------	-------

AVERAGE WAGE Specialist	Base \$93,600	On-Costs 20%	TOTAL \$112,320			
Year	2026	2027	2028	2029	2030	
Total Employees in Clinics & Schools	\$322,400	\$1,209,000	\$11,523,624	\$63,627,891	\$69,058,173	
Employees Number	3	11	103	567	615	
Employees Administration	29	57	68	80	91	
Total Employed	32	68	171	647	706	
Sales per Clinic & School Employee	\$173,333	\$177,273	\$180,451	\$180,998	\$181,112	

Construction Costs and Descriptors Queensland Independent Schools Block Grant Authority

	Construction Costs (per m2)	Descriptors
GENERAL LEARNING AREA (Prep)	AUD Feb 2022	
	\$2,550	Includes general classroom or multipurpose area, teacher work areas and general storage.
GENERAL LEARNING AREA (P & S) GENERAL LEARNING AREA (C) WITHDRAWAL / STORAGE AREA	\$2,410 \$2,410 \$2,380	
FLEXIBLE LEARNING AREA	\$2,650	Includes wet areas and/or additional storage/joinery.
HEALTH and PHYS ED	\$2,380	Includes basic gym areas and equipment stores and basic change rooms. *Excludes amenities.
SCIENCE	\$3,370	Includes laboratories and project/research labs, preparation rooms (high service costs), storage for laboratory equipment and chemicals. Basic building also reflects adjusted materials.
TECHNOLOGIES: - Design and Tech./Digital Tech. Laboratory	\$2,990	Includes provision for increased technology capability in an adaptable workspace including equipment storage and associated joinery, such as for robotics or other practical activities.
TECHNOLOGIES: - Food and fibre production - Food specialisations	\$3,260	Includes basic kitchen, pantry, laundry, storerooms and associated joinery.
TECHNOLOGIES: - Hospitality Practices (VET and/or Applied Syllabuses)	\$3,890	Includes higher density of building services and extraction system, industry relevant fit out, as well as food store, laundry, storerooms and associated joinery. *Excludes cold/cool room.

Functional Areas	Construction Costs (per m2)	Descriptors
TECHNOLOGIES e.g.: - Engineering principles and systems - Materials and technologies specialisation	AUD Feb 2022 \$2,630	Includes workshop areas, machine bays, spraying bays, wash areas, storerooms, materials storage/racking space and associated joinery. *Excludes dust extraction system.
TECHNOLOGIES e.g.: - Engineering Skills (VET and/or Applied Syllabuses)	\$2,630	Includes workshop areas, machine bays, spraying bays, wash areas, storerooms, materials storage/racking space and associated joinery. *Excludes dust extraction system.
THE ARTS: - Dance - Drama - Media Arts - Music - Visual Arts	\$3,140 \$3,140 \$3,140 \$3,140 \$2,650	Includes acoustic treatments and additional services, such as dance floors, as well as practice rooms, band rooms, recording studios, green rooms, sound booths and storage rooms. Visual Arts includes storage, associated joinery, wet areas and display areas. *Excludes associated COLA.
ADMINISTRATION (P) ADMINISTRATION (S) ADMINISTRATION (C)	\$3,070 \$3,040 \$3,040	Reception, site server room, school management, business/finance and clerical support offices, work areas, secure and unsecure storage, board room/meeting rooms, staff room and amenities, sickbay, finishes and fixtures of appropriate quality, internal travel and other areas deemed necessary for the operation of the school.
AMENITIES (P) AMENITIES (S)	\$4,330	Includes toilets, urinals, disabled/ambulant toilets, showers, sinks, and cleaner rooms. NOTE- rate for 2020 includes higher proportion of open space.
APPLIED TECHNOLOGIES	\$3,890	Higher density cabling for electrical and communications purposes resulting in a high heat load (such as a server room or comms space) requiring provision of air- conditioning. May also require acoustic treatment, due to the technology-based activity occurring within, such as Media Arts or Film and Television and New Media. *Excludes wi-fi service.
COVERED LUNCH AREA	\$1,130	Attached or detached (close proximity to other serviced structure), on ground, paving, tilted roof.

Construction Costs and Descriptors Queensland Independent Schools Block Grant Authority

Functional Areas	Construction Costs (per m2)	Descriptors
COVERED OUTDOOR LEARNING AREA (COLA)	AUD Feb 2022 \$1,130	Attached or detached (close proximity to other serviced structure), on ground, paving, tilted roof, open aired. NOTE- COLA area up to 40m2, larger emphasis on lighting.
ENGINEERING - Plant Room	\$1,890	Includes plant rooms e.g., switchboard, air conditioning.
HPE SPORTS AREA	\$1,130	Attached or detached (close proximity to other serviced structure), on ground, paving, tilted roof. NOTE- painted floor, basic line marking, possible small stage for assembly purposes or block wall for ball sports, some lighting.
LIBRARY/RESOURCE CENTRE (P)	AUD Feb 2022 \$2,600	Includes all circulation spaces, reading rooms, individual study areas, work rooms, satellite libraries, storage rooms and associated joinery.
LIBRARY RESOURCE CENTRE (S) SENIOR STUDY CENTRE LIBRARY/RESOURCE CENTRE (C)	\$3,040 \$3,040 \$3,040	*Excludes any server room or other areas reliant on higher density cabling for electrical and communications purposes.
MULTIPURPOSE HALL	\$2,540	Includes large, open span structure, hardstand floors, basic line marking, and natural ventilation. *Excludes amenities and sprung floors.
PERFORMANCE HALL	\$3,290	Includes provision for higher standard of finishes, stage, basic lighting and curtaining. *Excludes amenities.

TRAVEL ENCLOSED & STAIRWELLS

\$2,510

Includes enclosed pedestrian travel, such as stairwells, corridors and hallways.

TRAVEL LINK	\$800	Based on detached structure, basic frame, roof, simple lighting, ground slab as covered pedestrian walkway between buildings.
TRAVEL UNENCLOSED	\$630	Based on attached structure, basic frame, roof, simple lighting, light ground pavement as pedestrian walkway between buildings. NOTE- also basic veranda on one side of building, 1st and/or 2nd floor, up to 3m wide. *Excludes uncovered paths. (refer Sundry Allowances- Landscaping)

Functional Areas	Construction Costs (per m2)	Descriptors
TUCKSHOP	AUD Feb 2022 \$4,940	Includes service areas such as service counter, roller doors, sink and food preparation areas such as benches and associated joinery. High intensity of building services and security. NOTE- Small area (10-20m2) *Excludes cold/cool room.

UNDERCROFT

DORMITORY ACCOMMODATION (inc. ensuites)

\$ 850 Includes basic structure to building works above, basic lighting and minimal walls.

\$2,840 Includes basic framed structure with dedicated ensuite.

DORMITORY ACCOMMODATION (inc. shared ensuites)	AUD Feb 2022 \$2,680	Includes basic framed structure, shared ensuite between multiple accommodation spaces (1, 2 or 4 beds sharing same service corridor). Higher density amenities.
SUPERVISORS ACCOMMODATION	\$2,840	Includes basic framed structure, with dedicated ensuite, kitchenette, area for single bed. NOTE- Studio type unit (35-45

The current population of South Africa.

The current population of **South Africa** is **64,372,111** as of Sunday, December 29, 2024

Urban population: 66.3% of total population, rural population 33.7% (2024)

Predictions for the population of South Africa are 68.2 million in 2030, and 79.2 million in 2050.

Births per Day 3,543

Deaths per Day 2,102

The median age in **South Africa** is **28.5 years**.

Age structure

https://www.indexmundi.com/south_africa/age_structure.htm

0-14 years:	27.94%	(male 7,894,742 / female 7,883,266)
15-24 years:	16.80%	(male 4,680,587 / female 4,804,337)
25-54 years:	42.37%	(male 12,099,441 / female 11,825,193)
55-64 years:	6.80%	(male 1,782,902 / female 2,056,988)
65 years and over:	6.09%	(male 1,443,956 / female 1,992,205) (2020 est.)

<https://www.worldatlas.com/articles/major-religions-in-south-africa.html>

Religion affiliations	South Africa	
Protestant Christian	36.00%	Methodist Christian 6.80%
Atheist or Agnostic	15.10%	Dutch Reformed Christian 6.70%
Zion Christian	11.10%	Anglican Christian 3.80%
Pentecostal	8.20%	Muslim 1.50%
Roman Catholic Christian	7.10%	Tradition, Judaism and others 3.70%
		100.00%

https://countrymeters.info/en/South_Africa#google_vignette

Male population (49.5%) female (50.5%)

<https://www.worldometers.info/world-population/south-africa-population/>

Life expectancy 66.31 years

LIFE EXPECTANCY
66.31 years
(life expectancy at birth, both sexes)
View by sex and historical chart

INFANT MORTALITY
22.9
(infant deaths per 1,000 live births)
View historical chart

DEATHS UNDER AGE 5
31.2
(per 1,000 live births)
View historical chart

Literacy

74.00%

<https://countryeconomy.com/demography/life-expectancy/south-africa>

South Africa - Life expectancy at birth			
Date	Life expectancy - Women	Life expectancy - Men	Life expectancy
2022	64.18	58.60	61.48

CORRUPTION PERCEPTIONS INDEX

41	↓	South Africa	83	59	↓	Botswana	39	49	=	Namibia	59
39	↑	Lesotho	93	25	↓	Mozambique	145	78	↓	Germany	9
30	=	Eswatini	130	24	↑	Zimbabwe	149	73	↓	Australia	18



In authoritarian contexts where control rests with a few, social movements are the last remaining check on power. It is the collective power held by ordinary people from all walks of life that will ultimately deliver accountability.

Problems in the country

Women's and Girls' Rights. ...

Children's Rights. ...

Police Abuse. ...

Corruption. ...

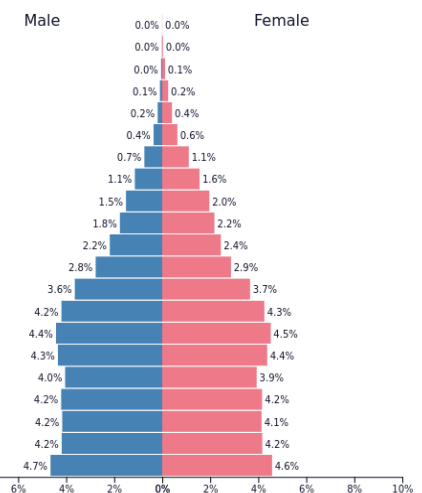
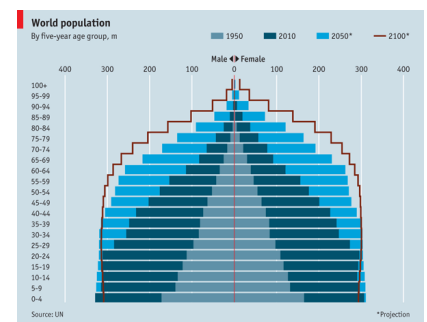
Disability Rights. ...

Sexual Orientation and Gender Identity.

Kickback Kings!

The Kickback

say
64,000,000



PopulationPyramid.net

South Africa - 2024
Population: 64,007,186

The Biggest Cities In South Africa

Rank	Name	Province	Pop.	MoC
1	Johannesburg	Gauteng	9,167,045	190
2	Cape Town	Western Cape	4,004,793	195
3	Durban	KwaZulu-Natal	3,661,911	195
4	Pretoria	Gauteng	2,437,000	195
5	Gqeberha	Eastern Cape	1,263,051	185
6	Vereeniging	Gauteng	957,528	185
7	Soshanguve	Gauteng	841,000	185
8	East London	Eastern Cape	810,528	185
9	Bloemfontein	Free State	759,693	190
10	Pietermaritzburg	KwaZulu-Natal	679,766	185

LAND AREA

South Africa	1.22 million km ²
Queensland Australia	1.73 million km ²
New South Wales Australia	.80 million km ²
Victoria Australia	.22 million km ²
New Zealand	.27 million km ²

Johannesburg is South Africa's most populous city with more than 9.2 million people.



Soweto is a township of the City of Johannesburg Metropolitan Municipality in Gauteng, South Africa, bordering the city's mining belt in the south. Its name is an English syllabic abbreviation for South Western Townships. Formerly a separate municipality, it is now incorporated in the City of Johannesburg Metropolitan Municipality and is one of the suburbs of Johannesburg. Soweto, as a suburb of Johannesburg, has a population of 1.7 million.



SOUTH AFRICA Provinces

AUD1.00 = USD 0.65 ZAR 11.60

USD1.00 = ZAR 18.70

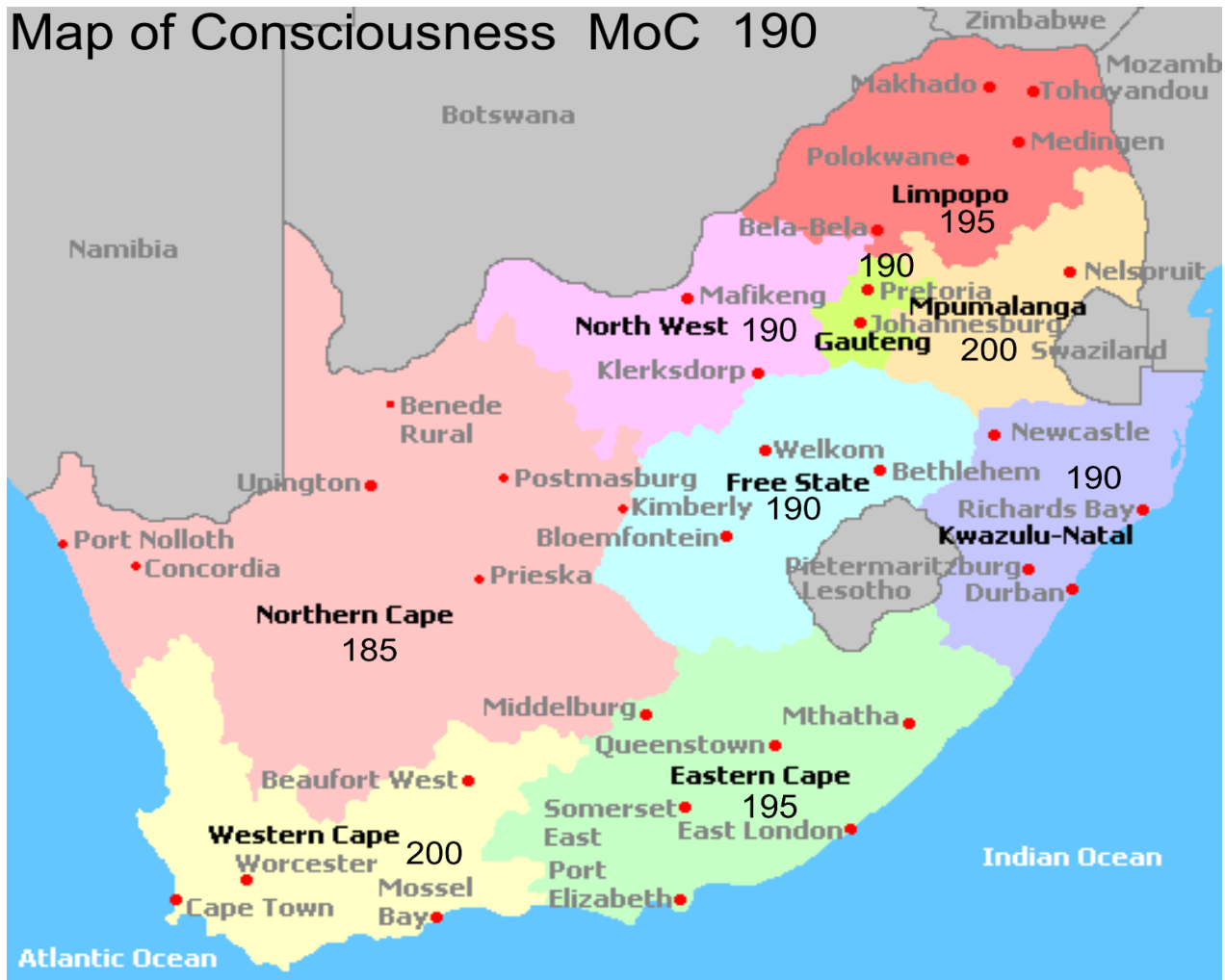
South Africa		Census 2022	
Rank	Province	Population	MoC
1	Gauteng	15,099,422	190
2	KwaZulu-Natal	12,423,907	190
3	Western Cape	7,433,019	200
4	Eastern Cape	7,230,204	195
5	Limpopo	6,572,720	195
6	Mpumalanga	5,143,324	200
7	North West	3,804,548	190
8	Free State	2,964,412	190
9	Northern Cape	1,355,946	185
South Africa		62,027,503	190

Swaziland is now called Eswatini

Eswatini and Lesotho are independent nations.

SOUTH AFRICA

Map of Consciousness MoC 190



MAP OF CONSCIOUSNESS

Map of Consciousness from Dr David R Hawkins, M.D., Ph.D. "Power vs Force".

Level	Log
ENLIGHTENMENT	700-1000
PEACE	600
JOY	540
LOVE	500
REASON	400
ACCEPTANCE	350
WILLINGNESS	310
NEUTRALITY	250
COURAGE	200
PRIDE	175
ANGER	150
DESIRE	125
FEAR	100
GRIEF	75
APATHY	50
GUILT	30
SHAME	20

PERSONALITY TRAITS:

Less than two dozen people on planet Earth.

Would not pick up a weapon let alone use it. These people gravitate to the health industry and humanitarian programs.

Debate and implement resolutions without argument and delay. 470

Debate and implement resolutions in due course. 440

Debate and implement resolutions with some degree of follow up generally needed. 410

Management supervision is generally necessary.

Politics become the hope for man's salvation.

Cause no harm to others starts to emerge. Power overrides force.

Illness is developed by those man erroneous emotions that calibrate 200 and lower.

Armies around the world function on pride. Force is now dominant, not power.

Harm of others prevails, self-interest prevails.

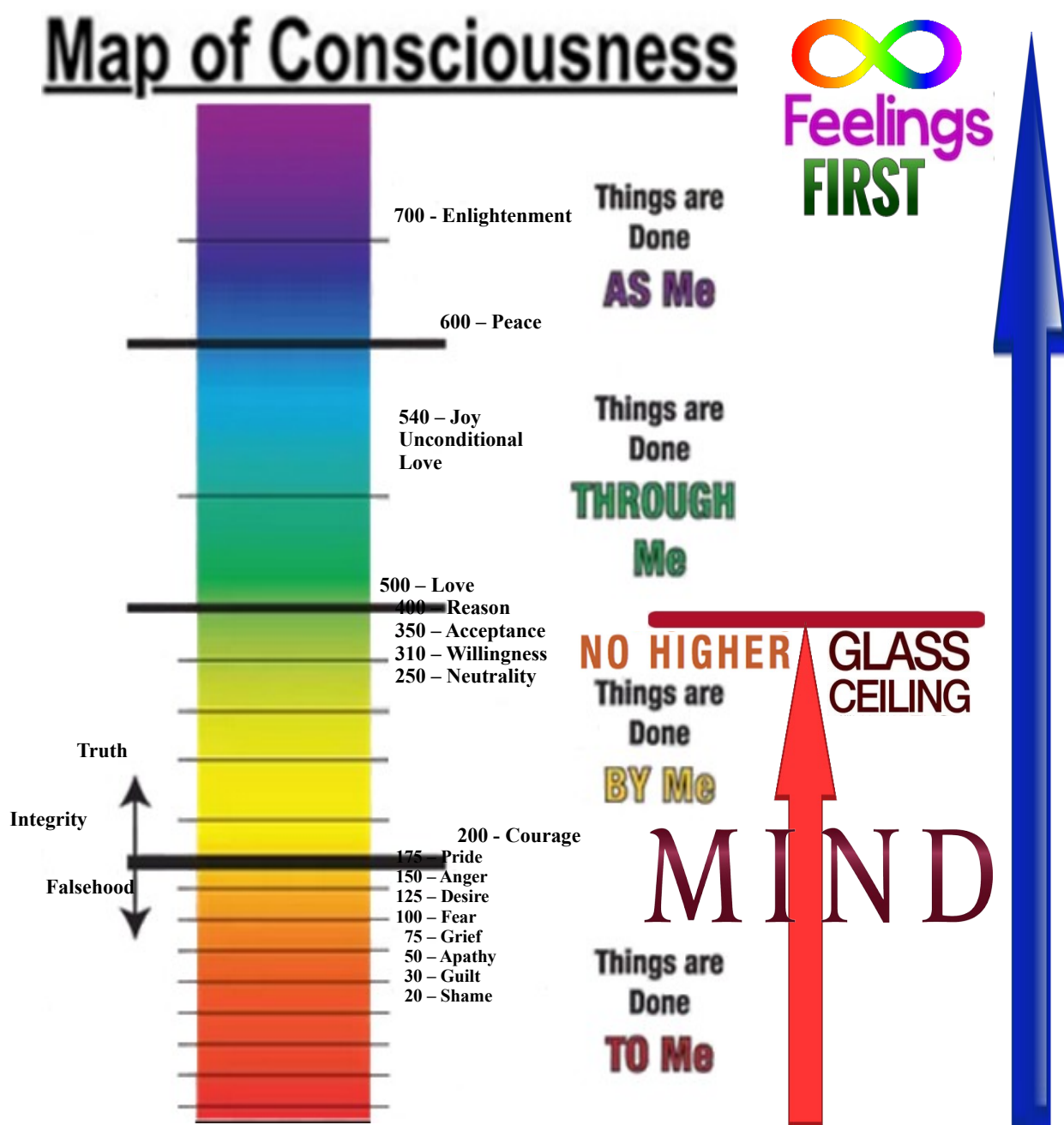
Totally self-reliant, not God reliant.

Fear dominates all motivation.

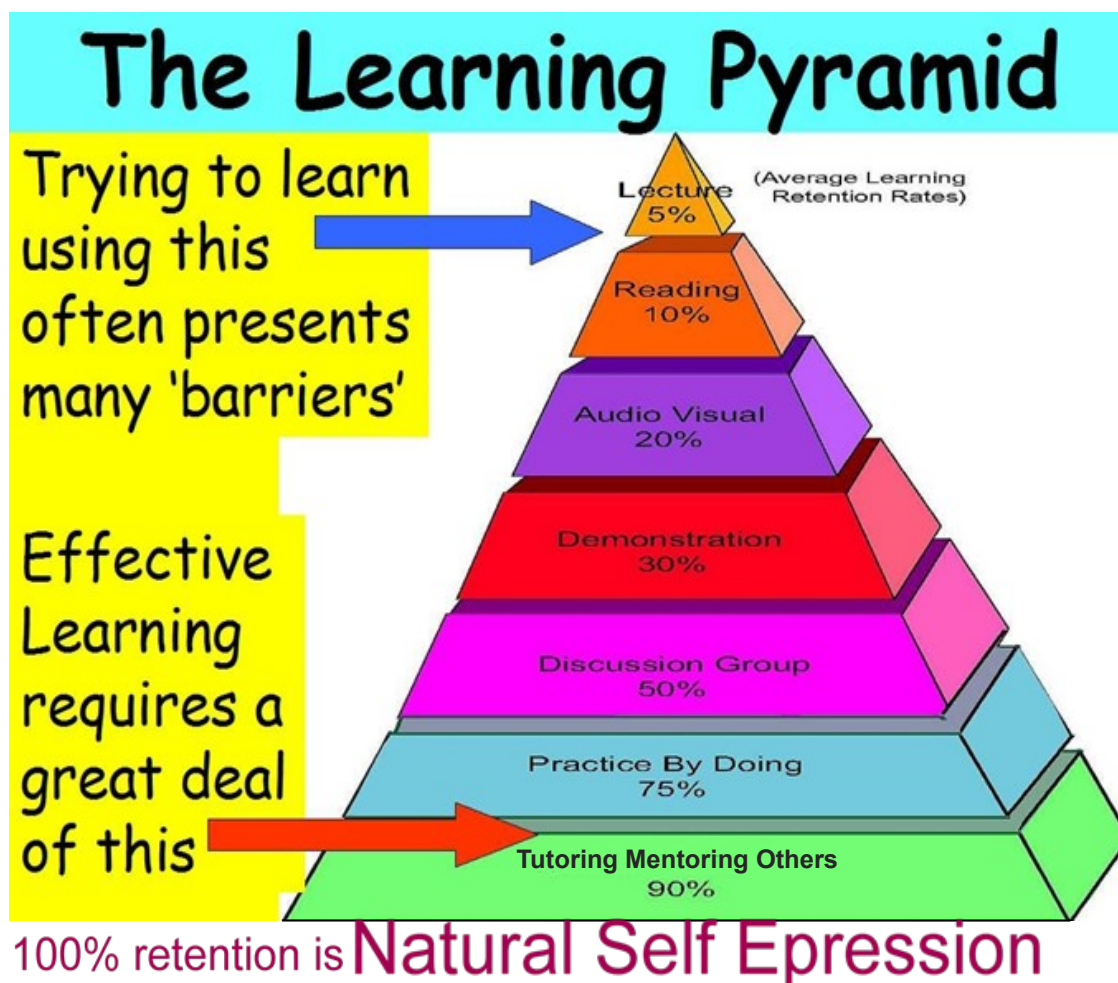
Suicide is possible and probable.

At these levels, seriously harming others for even trivial events appears to be justifiable.

Poverty, unemployment, illness, etc., this is living hell on Earth.



Correlation of Levels of Consciousness – Soul Condition – and Society Problems				
Level of Consciousness	Rate of Unemployment	Rate of Poverty	Happiness Rate "Life is OK"	Rate of Criminality
600 +	0%	0.0%	100%	0.0%
500 - 600	0%	0.0%	98%	0.5%
400 - 500	2%	0.5%	79%	2.0%
300 - 400	7%	1.0%	70%	5.0%
200 - 300	8%	1.5%	60%	9.0%
100 - 200	50%	22.0%	15%	50.0%
50 - 100	75%	40.0%	2%	91.0%
< 50	95%	65.0%	0%	98.0%



SOUTH AFRICA Doctors Nurses Teachers Ratios

	DOCTORS		NURSES & MIDWIVES		TEACHER / STUDENT	
	per 1,000 people		per 1,000 people		ratio	
South Africa	2019	0.8	2018	5	2023	31
Lesotho	2018	0.5	2018	3.1	2017	33
Eswatini	2018	0.2	2020	2.5	2017	27
Mozambique	2019	0.1	2021	0.6	2018	55
China	2020	2.4	2020	3.3	2018	16
India	2020	0.7	2020	1.7	2017	33
Australia	2018	3.8	2019	13.2	1999	18
United States America	2018	2.6	2018	15.7	2017	14
Strongest Worldwide	2020	Austria 5.4	2019	Switzerland 18	2018	San Marino 7
https://data.worldbank.org/		Africa 27		Africa 30		Africa 21
Weakest Worldwide		nations 0.1		nations 1.0		nations 40+

WORLDWIDE relationship of MoC calibration with Life Experiences Life Expectancy, Development, Happiness, Education, Income							
MoC	No. of Countries+ Territories	Average MoC	Average Life Expectancy	Human Development Index	Happiness Index	Education Index	Per Capita Income 2021
400s	22	405	82.2	0.924	7.1	.890	US\$63,032
300s	71	343	77.2	0.794	6.1	.741	US\$30,154
200s	50	251	72.7	0.676	5.3	.610	US\$16,560
High 100s	38	174	70.5	0.659	5.0	.600	US\$12,516
Low 100s	21	119	67.1	0.587	4.6	.501	US\$7,081
Below 100	14	74	65.3	0.565	4.4	.501	US\$6,377
WORLD	216	220	73.3				US\$17,110

When educators do not know what it is that they are teaching - that is the subject of Medicine!

Doctors do not know what the cause is of any illness - that is maybe why they have identified more than 10,000 illnesses and diseases! Education and Health systems are now to EVOLVE!

The elephant in the room being: CHILDHOOD SUPPRESSION
The pathway forward is to embrace: FEELING-HEALING



our MIND is a CONTROL ADDICT!
our MIND is addicted to UNTRUTH!
our MIND cannot discern TRUTH!

our MIND is within our SPIRIT BODY
and orchestrates our physical BRAIN.

ASSUMPTIONS are the product of our MIND!

HEALING ends
MIND-CONTROL!



our SOUL is our TRUTH!
our FEELINGS are our TRUTH!
FEELINGS FIRST, mind to follow!

all we need is WITHIN.
our MIND suppresses FEELINGS.

Hourly wage

about US\$10.00

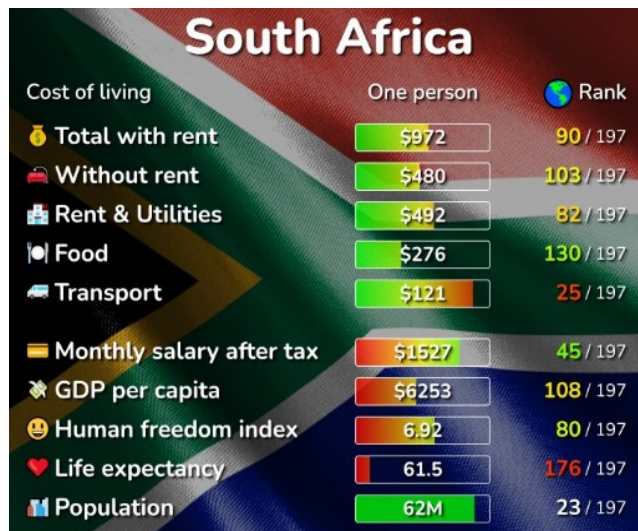
Average Hourly Wage in South Africa

\$
180 ZAR per hour

The average hourly wage (pay per hour) for all employees in South Africa is 180 ZAR. This is the rate that the average individual gets paid for every worked hour.

Hourly Wage = Annual Salary / (52 x 5 x 8)

The average salary after taxes in South Africa is \$1527, which is enough to cover living expenses for 1.6 months.
<https://livingcost.org/cost/south-africa#>.



Salary Comparison By City

per annum

Bloemfontein	364,000 ZAR
Cape Town	436,000 ZAR
Durban	417,000 ZAR
Johannesburg	402,000 ZAR
Port Elizabeth	379,000 ZAR
Pretoria	394,000 ZAR

Grow Your Workforce in South Africa

South African Rand

<https://www.globalexansion.com/countrypedia/south-africa>

Capital:

Pretoria (Executive)

Bloemfontein (Judicial)

Cape Town (Legislative)

Language:

Zulu, Afrikaans

English, Xhosa

Monetary Unit

South African Rand

Labour Laws in South Africa

- **Annual Leave:** 15 - 18 days
- **Maternity Leave:** 4 months
- **Public Holidays:** 12
- **Workweek:** 45 hours per week.

Income Tax in South Africa

South Africa has progressive income tax rates from 18% to 45%.

Value Added Tax (VAT) in South Africa

The standard VAT rate is 15%.

The size of South Africa's informal economy is estimated to be **29%** which represents approximately \$371 billion at GDP PPP levels.



Social Security in South Africa

In South Africa, social security contributions are primarily focused on the Unemployment Insurance Fund (UIF) and the Skills Development Levy (SDL).

Unemployment Insurance Fund (UIF)

1% (employee) + 1% (employer)

Skills Development Levy (SDL)

1% of total payroll

All employees earning above the threshold

Compensation for Occupational Injuries and Diseases Act (COIDA)

Employers with an annual payroll exceeding R500,000

Varies based on risk Employers based on industry risk

Work Visas in South Africa

Here are the main work visas available in South Africa:

General Work Visa

Issued to foreign nationals for positions that cannot be filled by South African citizens or permanent residents.

Requires proof that local candidates were not available.

Up to 5 years, renewable

Critical Skills Work Visa

For highly skilled professionals in occupations listed on the critical skills list.

Applicants do not need a job offer at the time of application but must secure employment within 12 months to renew.

Up to 5 years with a job offer; 12 months without.

Intra-Company Transfer Visa

Allows employees of multinational companies to transfer to a branch or affiliate in South Africa without needing to prove that local candidates are unavailable.

Up to 4 years.

Corporate Visa

Granted to corporations allowing them to employ a specified number of foreign nationals for specific roles.

Not issued to individuals but rather to companies. Varies based on the corporate needs.

Business Visa

For individuals intending to establish or invest in a business in South Africa, allowing them to work within that business.

Duration varies based on business plan.



Government vs Private Sector Salary Comparison

Where can you get paid more, working in a private company or the government? The difference between the public or government sector salaries and the private sector salaries in South Africa is 7% on average across all career fields.

Private Sector	364,000 ZAR
Public Sector	▲ +7% 389,000 ZAR

PASCAS FOUNDATION (South Africa) Ltd
SOUTH AFRICA Administration
Salaries of accountants in South Africa
<https://bdeex.com/south-africa/?type=finance>

\$ = USD

28 Feb

44

AUD1.00 = USD 0.65 ZAR 11.60 USD1.00 = ZAR 18.70

Average salary in accounting and finance in South Africa

per month USD Monthly Salary Net \$1,710

Average Salary in accounting and finance in South Africa is from US\$1,350 and up to US\$2,610.

Average trader receives US\$2,610, auditor - US\$1,940, chief accountant earns US\$1,880, lending manager in accounting and finance in South Africa receives in the month US\$1,790, financial analyst respectively US\$1,600.

Salaries in accounting and finance in Uganda by profession

	Monthly Salary Net
Trader	USD \$2,610
Auditor	\$1,940
Chief accountant	\$1,880
Lending manager	\$1,790
Financial analyst	\$1,600
Accountant	\$1,440
Budgeting specialist	\$1,440
Foreign trade specialist	\$1,360
Economist	\$1,350

Salaries for administrative personnel in South Africa by profession

<https://bdeex.com/south-africa/?type=office>

Average salary for administrative personnel in South Africa per month

USD \$1,300

HR director (human resources)

Monthly Salary Net

Assistant manager

USD \$2,260

HR specialist

\$1,360

Purchasing manager

\$1,310

Head of household

\$1,280

Clerk

\$1,140

Warehouse manager

\$1,060

Secretary

\$1,010

\$950

Salaries of programmers in South Africa

<https://bdeex.com/south-africa/?type=it>

Average salary in the field of information technology in South Africa

\$2,160

Go developer

Monthly Salary Net

Java developer

USD \$3,010

iOS developer

\$2,950

C# developer

\$2,670

Data scientist

\$2,570

Android developer

\$2,570

Python developer

\$2,550

C++ developer

\$2,410

.NET developer

\$2,380

PHP developer

\$2,290

Frontend developer

\$2,130

IT project Manager

\$1,880

System administrator

\$1,830

Equipment repair specialist

\$1,390

Technical support specialist

\$1,360

Tester

\$1,290

\$1,250

Salaries of marketers in South Africa

<https://bdeex.com/south-africa/?type=marketing>

Average salary in marketing in South Africa

per month USD \$1,140

Marketing specialist

Monthly Salary Net

Event manager

USD \$1,390

PR manager

1,310

Driectologist

1,290

SMM specialist

1,290

SEO specialist

1,100

Copywriter

1,060

Content manager

1,010

The targetologist

910

900

Average Salary in medicine in South Africa is per month USD Monthly Salary Net
 \$1,580

Average Salary in medicine in South Africa is from US\$980 and up to US\$2,830.

Average chief medical officer receives US\$2,830, head of the department - US\$2,130, dentist earns US\$1,830, surgeon in medicine in South Africa receives in the month US\$1,820, orthodontist respectively US\$1,760.

Salaries in medicine in South Africa by profession

We are calculating the average salary in medicine in South Africa based on vacancies posted in the public domain on sites and services for job search, as well as information from users living and working in medicine in South Africa.

	Monthly Salary Net
Chief Medical Officer	USD \$2,830
Head of the Department	\$2,130
Dentist	\$1,830
Surgeon	\$1,820
Orthodontist	\$1,760
Endocrinologist	\$1,670
Urologist	\$1,670
Traumatologist	\$1,660
Neurologist	\$1,640
Ophthalmologist	\$1,610
Therapist	\$1,600
Dermatovenerologist	\$1,540
Pediatrician	\$1,510
Nutritionist	\$1,480
Psychiatrist	\$1,440
Psychologist	\$1,260
Nurse	\$1,260
Pharmacist	\$1,250
The orderly	\$1,120
Laboratory assistant	\$1,040
Paramedic	\$980

Average Salaries in medicine in South Africa in 2024 and 2023

On 1 December 2024 salary in medicine in South Africa is \$1 580. In micro enterprises with up to 15 employees, the average salary is \$950, in small businesses with up to 100 employees - \$1 420, and in medium-sized companies with more than 100 employees \$1 730. In large in medicine in South Africa enterprises with more than 250 employees, the salary is \$2 210. In the public domain in medicine in South Africa the average salary is \$1 260. Average salary in medicine in South Africa in 2023 was \$1 530 and in 2024 it was \$1 580. Growth in average salary in medicine in South Africa for the year amounted to \$47.

	Monthly Salary Net
	2024
Large companies (250+)	\$2,210
Medium companies (up to 250)	\$1,730
Small companies (up to 100)	\$1,420
Micro enterprises (up to 15)	\$950
Public sphere	\$1,260

Average salary in the education system in South Africa	per month	USD	Monthly Salary Net
			\$1,420

Average Salary in the education system in South Africa is from \$910 and up to \$2 070.
Average university teacher receives US\$2,070, college teacher - US\$1,920, school teacher earns US\$1,660, sociologist in the education system in South Africa receives in the month US\$1,350, speech therapist respectively US\$1,310.

Salaries in the education system in South Africa by profession

We are calculating the average salary in the education system in South Africa based on vacancies posted in the public domain on sites and services for job search, as well as information from users living and working in the education system in South Africa.

	Monthly Salary Net
University teacher	USD \$2,070
College teacher	\$1,920
School teacher	\$1,660
Sociologist	\$1,350
Speech therapist	\$1,310
Tutor	\$1,260
Translator	\$1,220
Social pedagogue	\$1,130
Kindergarten teacher	\$910

Average Salaries in the education system in South Africa in 2024 and 2023

On 1 December 2024 salary in the education system in South Africa is US\$1,420. In micro enterprises with up to 15 employees, the average salary is US\$850, in small businesses with up to 100 employees - US\$1,280, and in medium-sized companies with more than 100 employees US\$1,570. In large in the education system in South Africa enterprises with more than 250 employees, the salary is US\$1,990. In the public domain in the education system in South Africa the average salary is US\$1,140. Average salary in the education system in South Africa in 2023 was US\$1,380 and in 2024 it was US\$1,420. Growth in average salary in the education system in South Africa for the year amounted to US\$43.

	Monthly Salary Net
	2024
Large companies (250+)	\$1,990
Medium companies (up to 250)	\$1,570
Small companies (up to 100)	\$1,280
Micro enterprises (up to 15)	\$850
Public sphere	\$1,140



PROTECTING UKRAINE'S TEACHERS

When this was introduced, teachers had no pathway available for re-accreditation.

There are **approximately 20** languages spoken in Ukraine. According to the 2001 census, 67% of the population speak Ukrainian and 30% speak Russian as their first language. Ukrainian, the official language, belongs with Russian and Belarusian to the East Slavic branch of the Slavic language family.

A 'one-size-fits-all' approach is not always best in Ukraine, particularly for education. All schools and universities are required to teach in Ukrainian, although special exemptions apply to certain ethnic minority languages, to English and to other official languages of the European Union.

People of age 20-35 – approximately 50% of them can speak english, but it depends of profession and place of living. For example, in countryside this percent is extremely low. Teenagers – all pupils in Ukraine have english calsses at school, but of course it doesn't mean they can speak good.

DD-CODE

The Digital Dictionary Code (DD-CODE™) is a program to teach reading and speaking skills to students of all ages and ability levels and regardless of mother tongue. DD-CODE™ translates the international phonetic symbols into a coloured letter and number code format which is universal for the visualisation of syllables and the sound to letter associations required for written English. The DD-Code can be applied to ANY language.

The product imparts adult-learned reading ability, which is normally learned over many years, to very young children.

The DD-CODE is the only discovery, which can and is eliminating illiteracy all over the world, virtually overnight.

The DD-CODE (Digital Dictionary) is a 1 to 1, sound to letter correspondence without any exception to the rule.

1. Training of educators to enable them to teach the reading writing of English takes ONE WEEK.
2. To enable ANYONE to read and write English fluently takes TWO weeks of full time education (5 hours a day for two weeks).

UNIVERSAL SOUND TO LETTER CODE

The Digital Dictionary Sound to Letter Code is UNINERSAL
for the 2 Million Words of Written and Spoken ENGLISH.

1. **VOWELS COLOURED RED** & CODED 1- 22 for SOUND.
2. **BLACK CONSONANTS SOUNDED PHONETICALLY.**
(DIGRAPHS: ch/tf, sh/f, thin/θ, that/ð & treasure:3)
3. **CONSONANTS COLOURED BLUE** 'SOUND-SWITCH'
to PHONETIC LETTER ABOVE.
4. **YELLOW LETTERS** and LETTER-**e** ENDINGS are not
SOUNDED at all.

SOUTH AFRICA PASCAS UNIVERSITY



TAFE



Technical And Further Education Craft Creations Family Shed

x^2 Year 10

\triangle Year 11

\sqrt{y} Year 12

\leq Year 7

pencil Year 8

\approx Year 9

∞ Year 4

$\%$ Year 5

apple Year 6

dots Year 1

graduation cap Year 2

\pm Year 3



KINDERGARTEN PRESCHOOL





Benchmark Land Area required:
University of Queensland (Brisbane)

114 hectares

Incorporating sporting fields

say

10 hectares

Main Building area

4 hectares to

20 hectares

1 mile² is

259 hectares

1 kilometre²

100 hectares

Urban university may be

3 hectares to

5 hectares

Rural university

10 hectares to

150 hectares

Agricultural university

1,000 hectares to

3,000 hectares

PASCAS UNIVERSITY

CAMPUS

15,000 to

20,000 students

consider individual campuses of

5,000 students each

feed in schools:

HIGH SCHOOLS

Yrs 7 - 12

campus

3,000 to

5,000

consider individual campuses of

600 students each

x^2 Year 10

Δ Year 11

\sqrt{y} Year 12

\leq Year 7

pencil Year 8

\approx Year 9

PRIMARY SCHOOLS

Yrs K - 6

campus

2,000 to

4,000

consider individual campuses of

600 students each

∞ Year 4

% Year 5

apple Year 6

dots Year 1

hand Year 2

\pm Year 3

KINDERGARTEN

PRE-SCHOOL

100 children each

PRE SCHOOL

PASCAS UNIVERSITY

HIGHER EDUCATION SUBJECT GROUPINGS:



**ANIMALS AND
LAND**



**ARCHITECTURE,
BUILDING AND
CONSTRUCTION**



**ARTS,
HUMANITIES
AND LANGUAGES**



**CREATIVE ARTS,
DESIGN AND
MEDIA**



**ECONOMICS,
COMMERCE,
BUSINESS AND
MANAGEMENT**



**EDUCATION AND
TEACHING**



ENGINEERING



**HEALTH
SCIENCES
(ACADEMIC)**



**HEALTH
SCIENCES
(PROFESSIONAL)**



**HOSPITALITY,
TOURISM AND
EVENT
MANAGEMENT**



**INFORMATION
TECHNOLOGY
AND COMPUTER
SCIENCE**



**INTERNATIONAL
RELATIONS AND
DEVELOPMENT
STUDIES**



**LAW AND
CRIMINOLOGY**



**MARINE,
ENVIRONMENT
AND RENEWABLE
ENERGY**



MEDICINE



**MULTIMEDIA
MOVIES AND
MUSIC**



**NURSING,
MIDWIFERY AND
PARAMEDICINE**



PSYCHOLOGY



SCIENCE



**SOCIAL WORK
AND
COUNSELLING**



**SPORTS AND
EXERCISE
SCIENCE**

CHALDI TAFE COLLEGE

Technical and Further Education



Building and
construction



Child care



Sports and fitness



Technology,
information and
networking



Nursing and health



Creative



Agriculture and
horticulture



Automotive



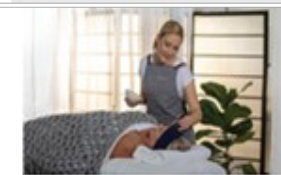
Business, justice
and management



Community
services



Hospitality and
cookery



Beauty and
hairdressing



By location



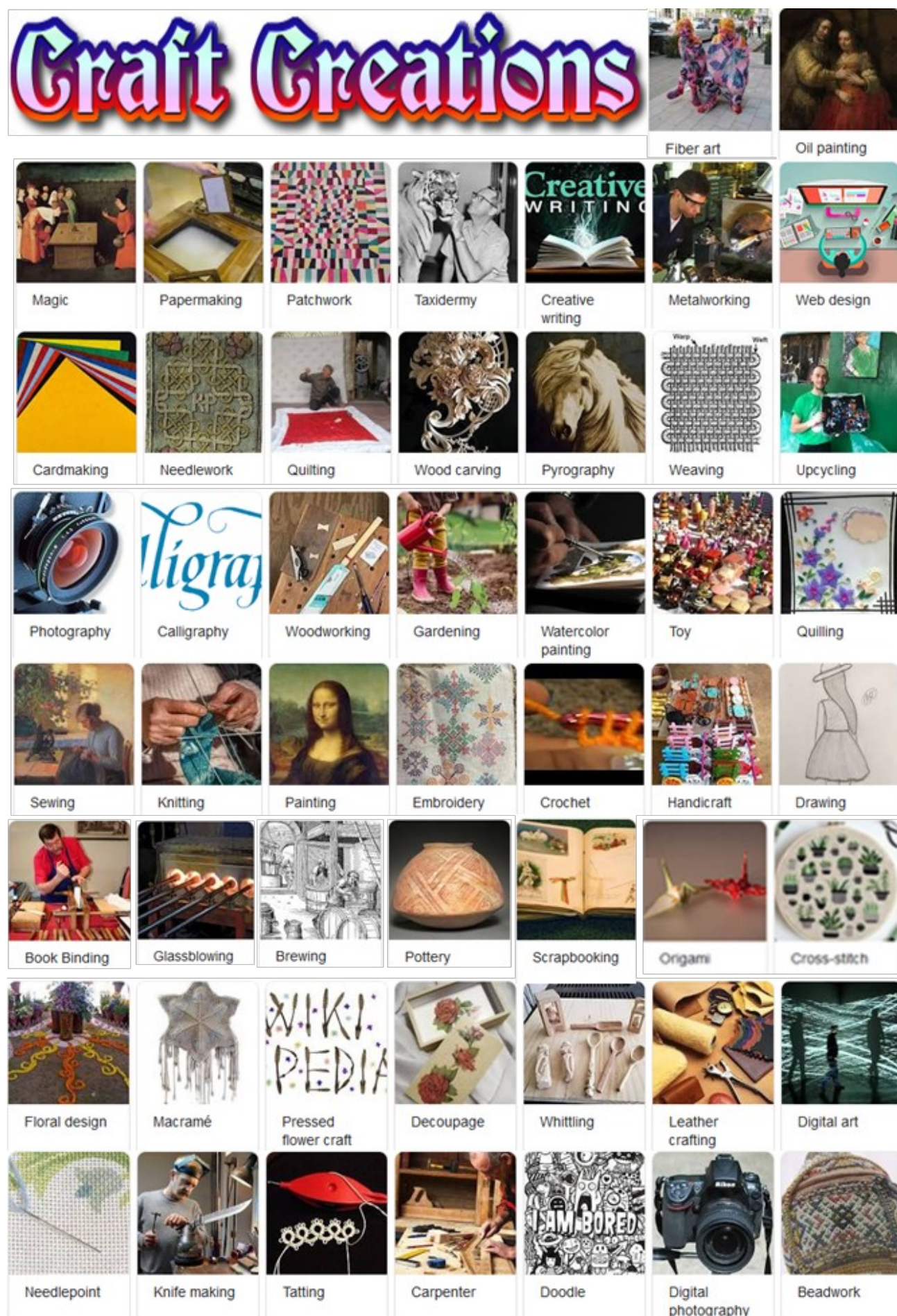
Online courses

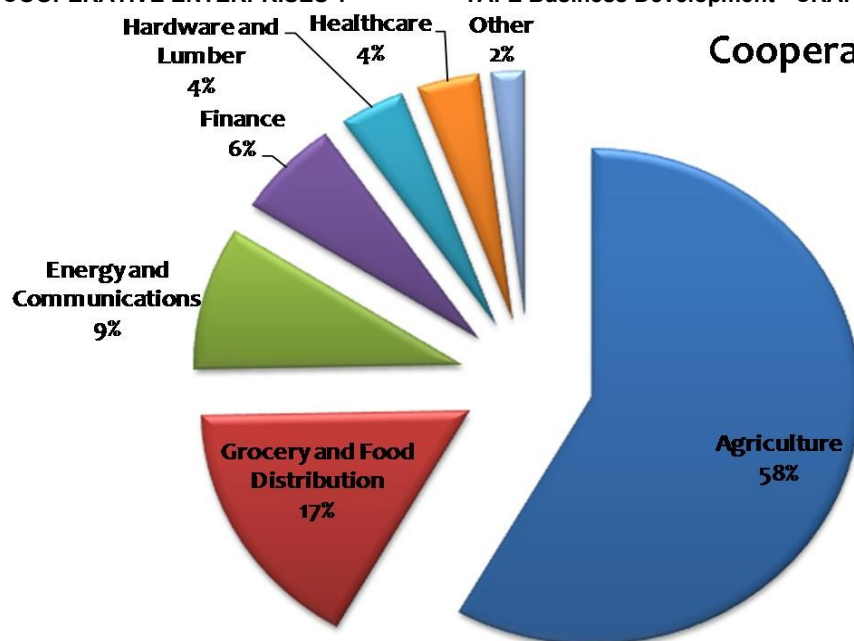


Apprenticeships



TAFE at School





Cooperative Activity
by Sector

TYPES OF #COOPS

Co-operatives are a unique species inside the contemporary economic environment and are present in almost all its sectors

1 CONSUMER CO-OPERATIVES

Are owned and controlled by consumers. Have a strong focus on satisfying their members needs and provide a sale service focus on product quality and consumer protection.



2 HOUSING CO-OPERATIVES

Derive from consumer #coops, are owned by their residents and want to make sure that their members get good value for money and live together peacefully.



3 SOCIAL CO-OPERATIVES

Manage health and education services or are focus on the reintegration through work of disabled, long-term unemployed, former addicts...



4 PRODUCERS CO-OPERATIVES

Widespread #coops whose activities belong to the primary sector, including farming, fishing, forestry. Their members also process and sell their agricultural products.



5 FINANCIAL CO-OPERATIVES

Their members are often the account holders and they provide investment and funds for socially sustainable initiatives to support families and small enterprises



6 MULTI-STAKEHOLDERS CO-OPERATIVES

'Hybrid' kind of co-operative whose members represent more than one typical co-op ownership group, such as producers, consumers or workers. EROSKI (MONDRAGON GROUP) | Spain



7 EUROPEAN COOPERATIVE SOCIETY

Is an optional legal form and aims to facilitate co-operatives' cross-border and trans-national activities. Their members can't be based in one country and is required to unite residents from more than one country.



CO-OPERATIVE ENTREPRENEURSHIP

manage the venture, take risk and make decisions to create a business in a participatory way to obtain mutual benefit that is distribute with equity among them.



PLANT BASED
MEAT

top meatless protein sources



nut butters
8g / 2tbsp



oatmeal
6g / per cup



Greek yogurt
10g / per 100g



beans
15g / per serving (180g)



eggs
6g / per egg



nuts
6g / per handful



cauliflower
5g / per serving (180g)



broccoli
5g / per serving (180g)



seeds
6g / per handful



spinach
5g / per serving (180g)



10
VEGETABLES
that PACK MORE
PROTEIN THAN
MEAT



Cooperative arrangements within communities may be focused upon small area enterprises through to whole of nation endeavours to bring to the global markets high volumes of quality goods derived through value adding processes applied to natural resources and regional produce from the land, river and sea, encapsulating all elements of farming and animal produce.

Microfinance typically engages a cooperative of around five women when financing home enterprises. A cooperative is particularly useful when local fishermen bring their catches together at canneries for preparation to market their fish to foreign markets.

The introduction of 'Craft Creations' is to enliven the community's recognition of their high quality traditional skills and then enable their customary craftware to be globally marketed through a cooperative of their own making.

This is all about cooperatives to bring to the fore traditional and innate skills that fulfil needs for people around the globe, not just the local village. A cooperative may embrace several nations.

Natural resources that may be used in producing high quality goods in large volumes include:

Forrest logs processed into high quality furniture in volume for large distribution chains.

Timber offcuts for high strength laminated beams and reconstituted timber products.

Local building systems utilising local resources for durable housing – local market solutions.

Hydroponics particularly for produce that is not native to the area and its climate.

Aquaculture in rivers, estuaries and sea to mitigate depletion of ocean resources.

Traditional home produce being increased in volume to provide famine relief worldwide.

Hemp production to be on scale to enable volumes sufficient for manufacturing processing.

Cocoa, coffee, moringa, sandalwood, tea, vanilla, plus others, cropping to be of commercial scale, cooperatively run.

All farming and animal produce come into the equation for cooperatives.

Funding availability

AU

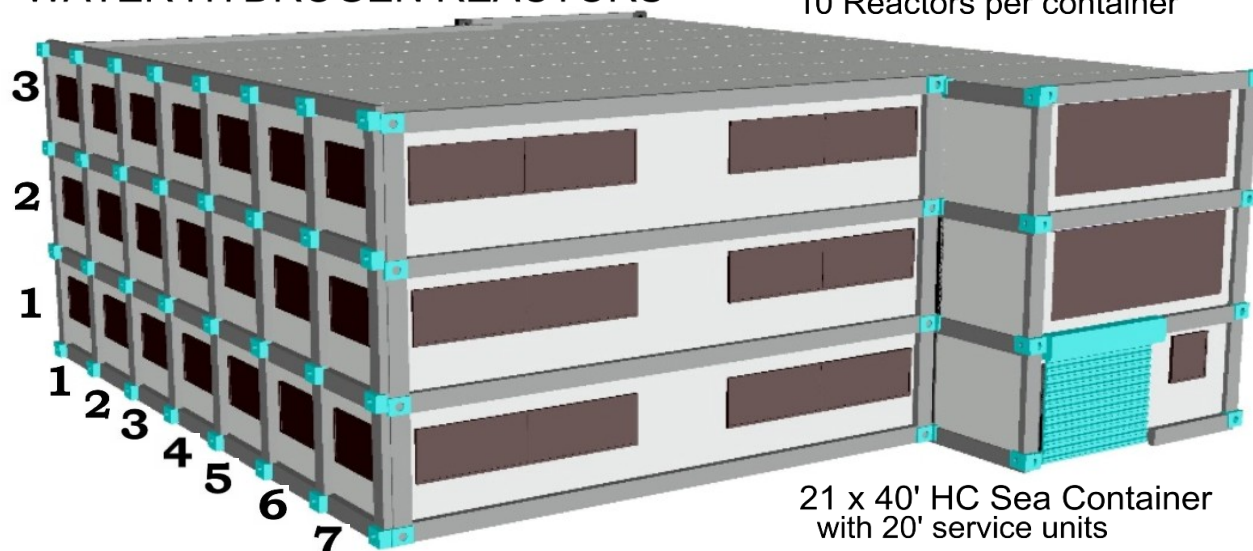
\$20,000,000

Value adding Natural Resources!

NATURALLY PERFECT WATER

WATER HYDROGEN REACTORS

10 Reactors per container



REACTOR CONTAINERS	High Cube	21 x 40'	21 x 40'	Per anm
21 sea containers – 210 reactors	40'	210	210	<u>gigalitre</u>
Reactor capacity is 1m ³ – no. within	10	210	210	
Grade A: Dirty – polluted or seawater processing minutes required per m ³ 5'	per day 2,000m ³	per day 42,000m ³	per anm 15,330,000m ³	15.330
Grade B: Medium processing minutes required per m ³ 4'	3,000m ³	63,000m ³	22,995,000m ³	22.995
Grade C: Better processing minutes required per m ³ 3'	4,000m ³	84,000m ³	30,660,000m ³	30.660

Water Renewal settings incorporate around 50 variables and options:

Grade A: Dirty – polluted		Heavily polluted
		Pristine clean / mineral 350 ppm±
Grade A: Dirty – seawater		Salt laden water
		Pristine clean / mineral 350 ppm±
Grade A: Dirty – seawater		Salt laden water
		Hydrogen
Grade B: Medium		Generally brackish
		Pristine clean / mineral 350 ppm±
Grade C: Better		Not in a potable state
		Pristine clean / mineral 350 ppm±

Kindly go to www.pascashealth.com, then Library Download page, scroll down to:

Corporate Alliances

and click on to open

Fission Hydrogen & Water Technology & Product Information

then to:

Medical

and click on to open

Pascas Care Kinesiology Submissiveness

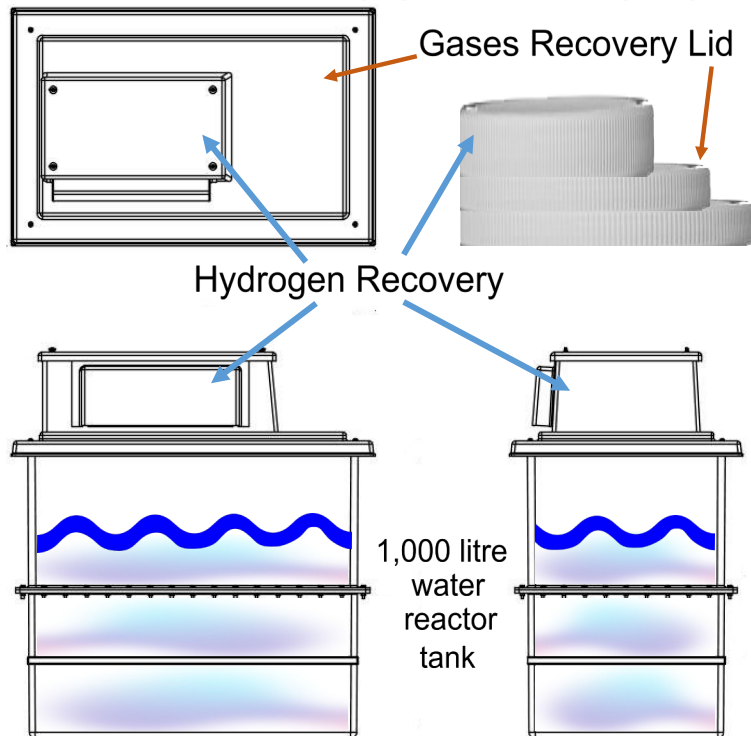
WATER & HYDROGEN PROJECTS

Reactor Water & Hydrogen 40' 210
number per year

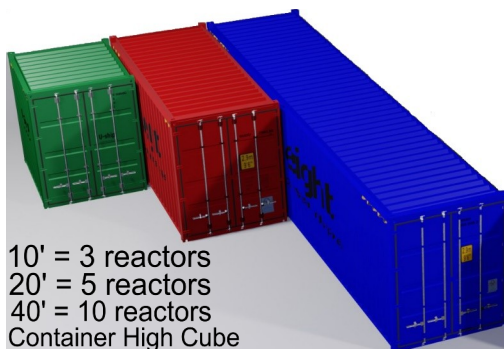
Water & Hydrogen Projects

	2026	2027	2028	2029	2030
	16,000,000	16,000,000	16,000,000	16,000,000	16,000,000
	0	1	1	1	2
	\$0	\$16,000,000	\$16,000,000	\$16,000,000	\$32,000,000

WATER HYDROGEN REACTOR



From 1 centimetre of rising water 3,600 litres to 36,000 litres of hydrogen may be recovered per hour. That is before pressurisation, consider 22,000 litres is captured per hour being the equivalent of 2 kilograms of hydrogen. When used as part of a fuel cell, 1 kilograms of hydrogen can produce up to 23 kWh of electrical energy. Thus one Water Hydrogen Reactor may release around 2 kilograms of hydrogen per hour enabling a fuel cell to deliver up to 46 kWh of electrical energy per hour.



Thus the potential power supply could be:

10' = 3 * 46 kWh per hour being 138 kWh

20' = 5 * 46 kWh per hour being 230 kWh

40' = 10 * 46 kWh per hour being 460 kWh

And the city configuration being:

112 * 40' containers delivering through

1,120 reactors * 46 kWh per hour 51,520 kWh

The hydrogen is produced at 1 bar above Nm3, collected into a low-pressure storage tank, then pressurised into a 350 or 700 Bar large storage tank, ready for use. At this point it is ready to provide Hydrogen to fuel Jenbacher J420 engines driving 2,000 KW generators, these can be lined up in any number, or another option is to use Fuel Cells to produce the electricity required. The Cold Fission Hydrogen producing Generators, require 20- 30% of the Hydrogen gas produced to drive the Hydrogen producing equipment, Hydrogen Producing Hydrogen, how green can you get! The remaining 70% is to provide free electricity to drive the Desalination, Sewage water renewal plants, or produce enough purified water for a city of a million people. This technology is totally green.

The difference between **Energy Hungry Electrolysis Systems** is that electrolysis uses High tempritures of 700 to 1,000 degrees C and High Pressure of 120 to 200 Bar of pressure to separate the Hydrogen and Oxygen. COLD FISSION Technology requires only 1 Bar of pressure and around 30 degrees C of temperature. COLD FISSION destroys the electrons of the Oxygen water which releases the two (H1) atoms, this happens many thousands of times per second in the H2O Fission Reaction Chambers, Cold Fission require only 10% of the energy required by Electrolysis. Cold Fission Reactions, Hydrogen Production from electron destruction.

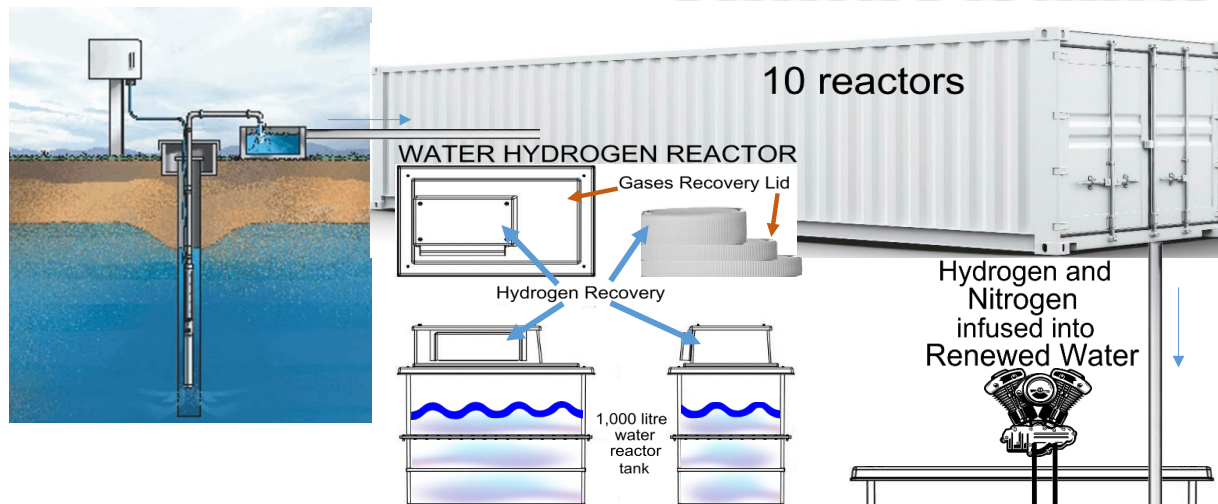
The Surprising Solutions to the World's Water Crisis | The Future With Hannah Fry

<https://www.youtube.com/watch?v=FDY2McKLvIM>

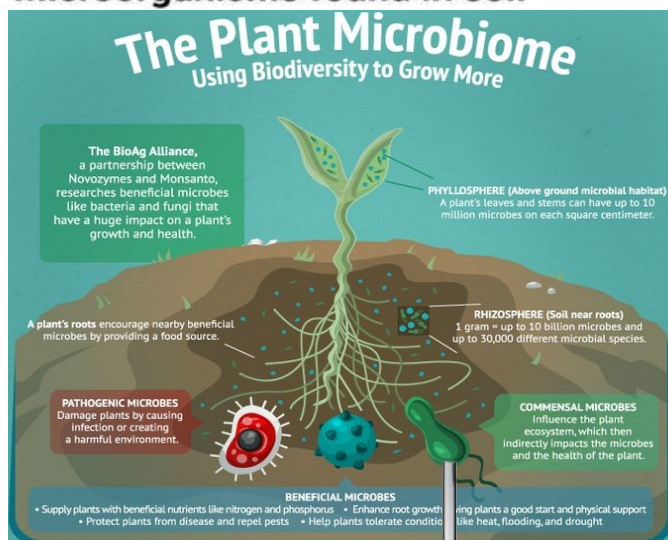
Our survival depends on water, yet global reserves are rapidly shrinking. It's now replaced oil as the most likely cause of global conflict. Can technology help secure humanity's future water needs?

Fission Fertiliser

Fission Water infused with Fission Fertiliser



Microorganisms found in soil



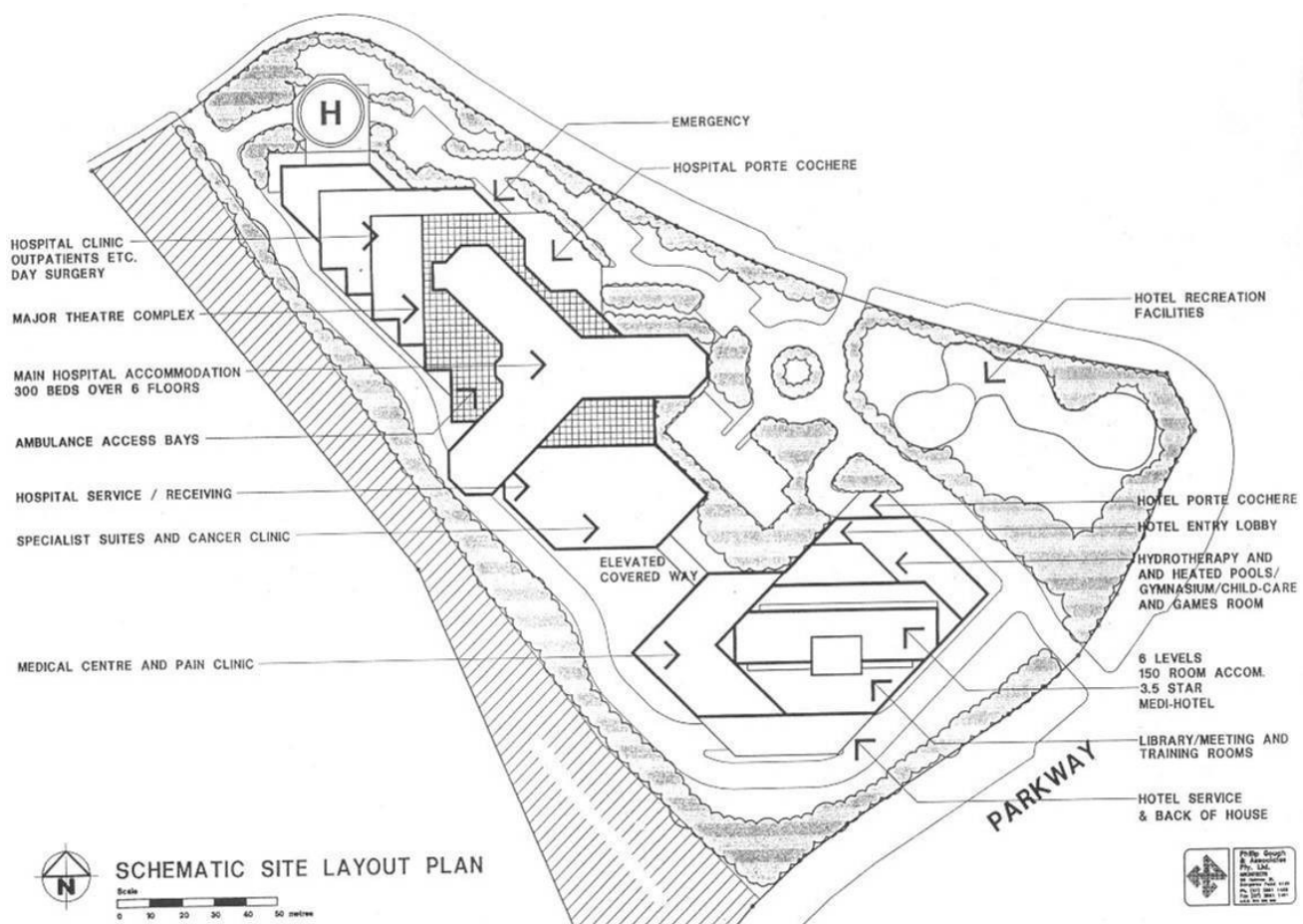
Fission Fertilised Water

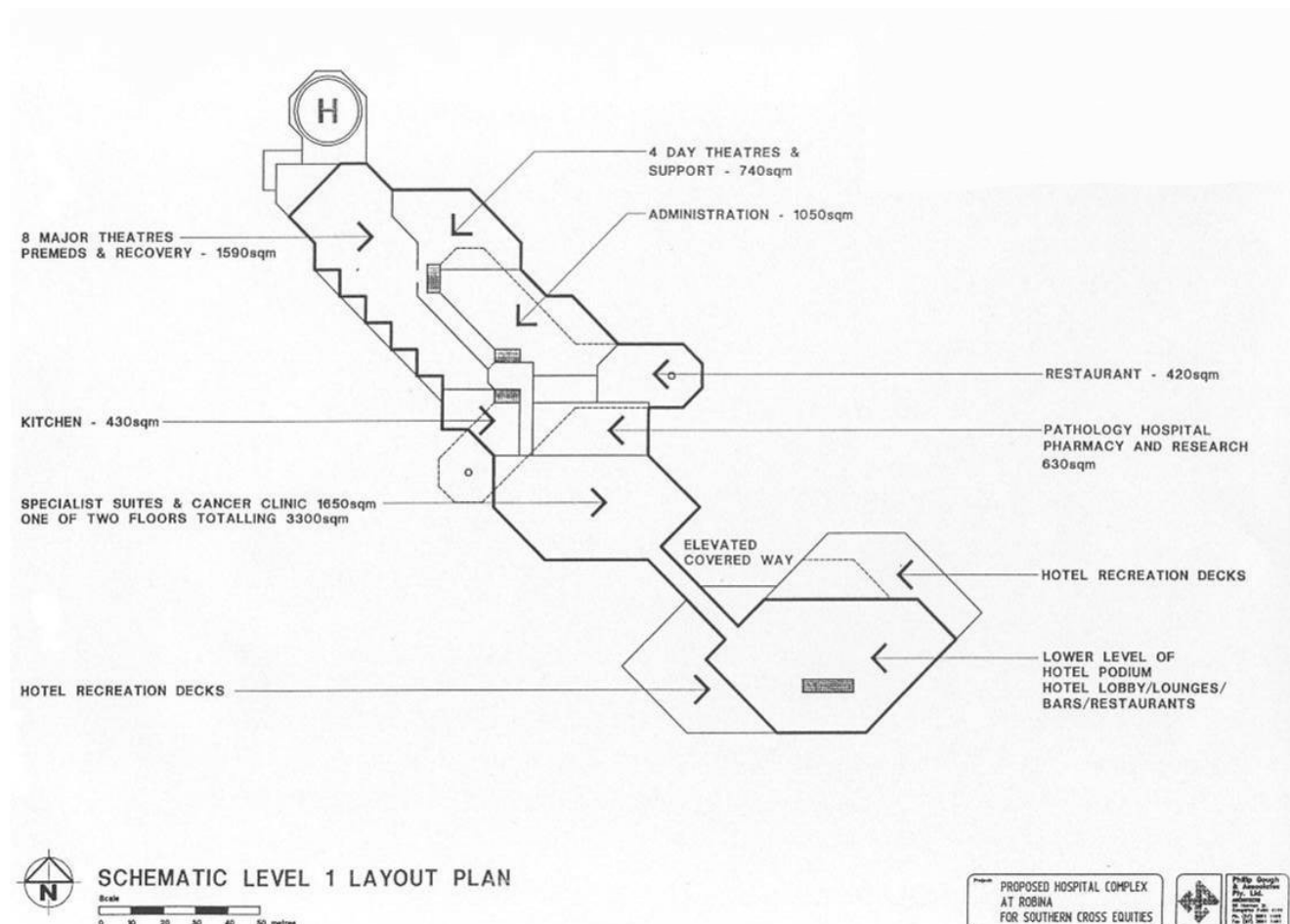
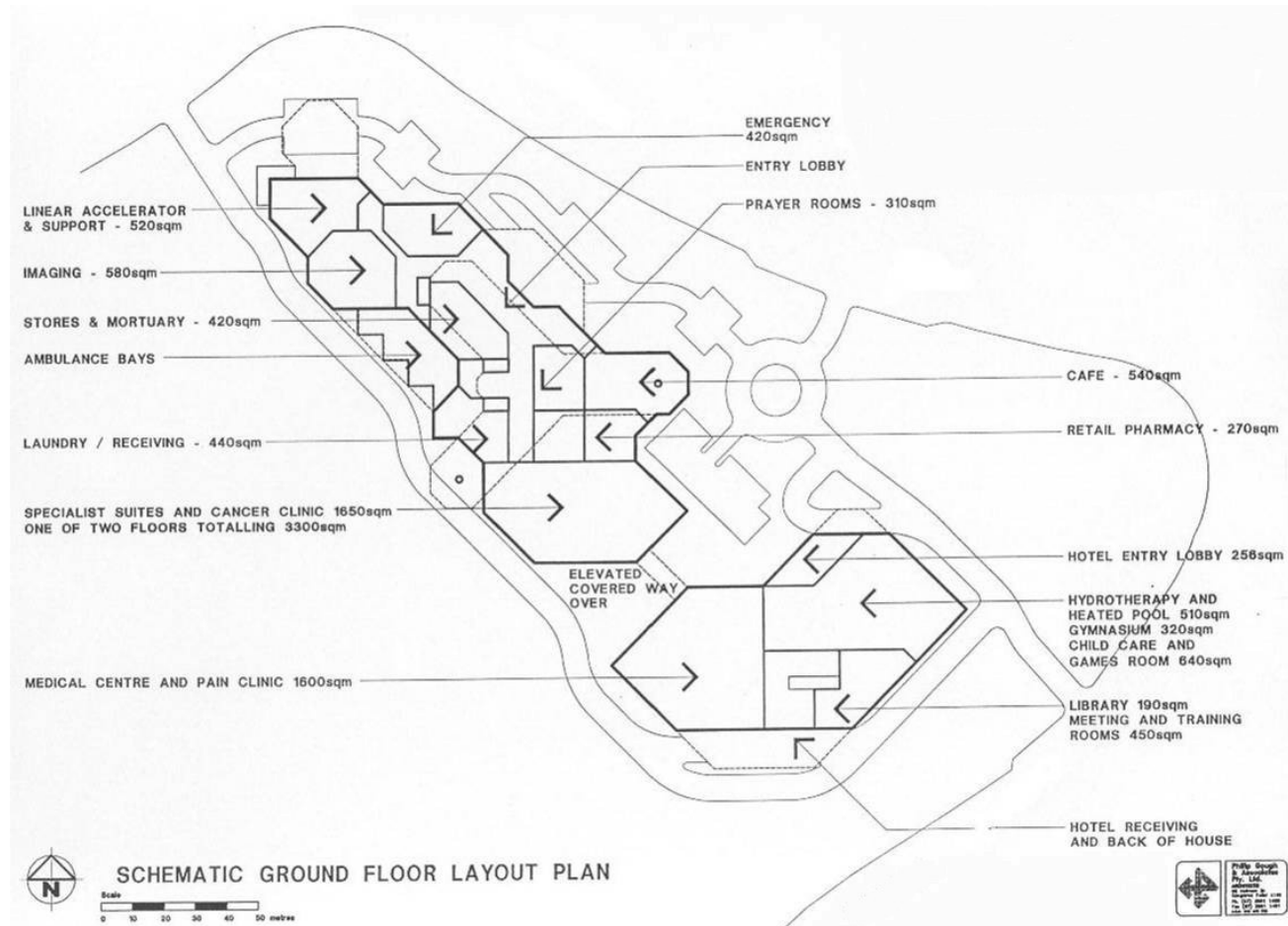


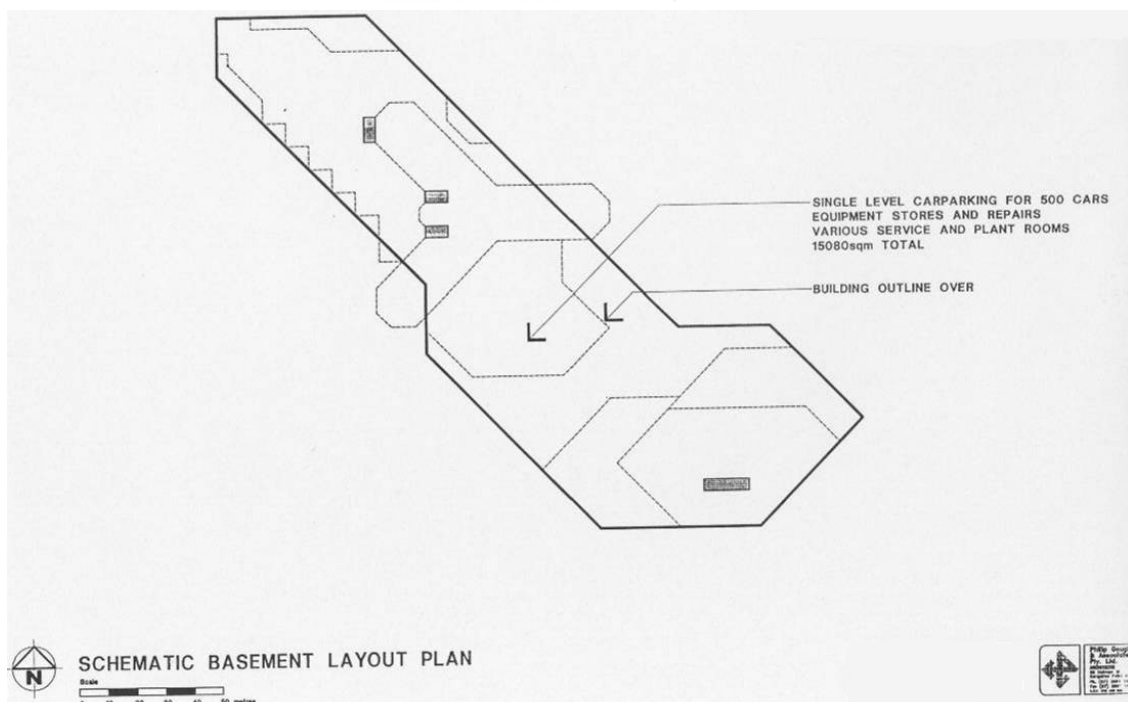
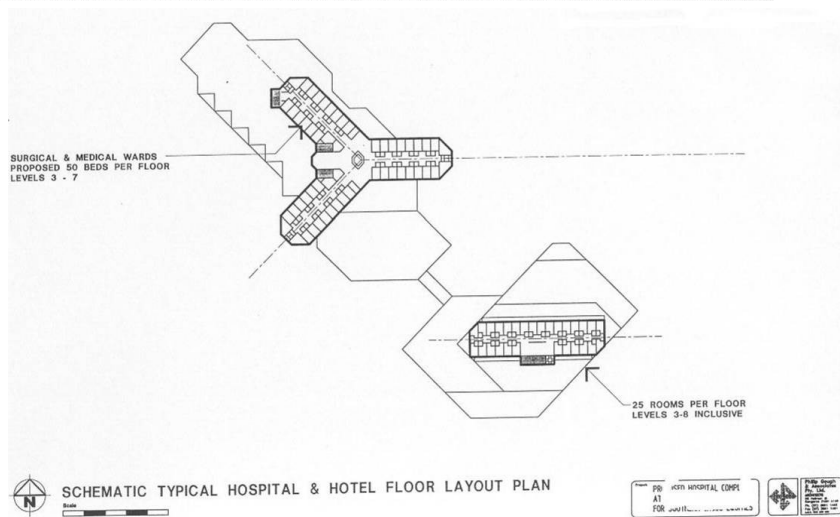
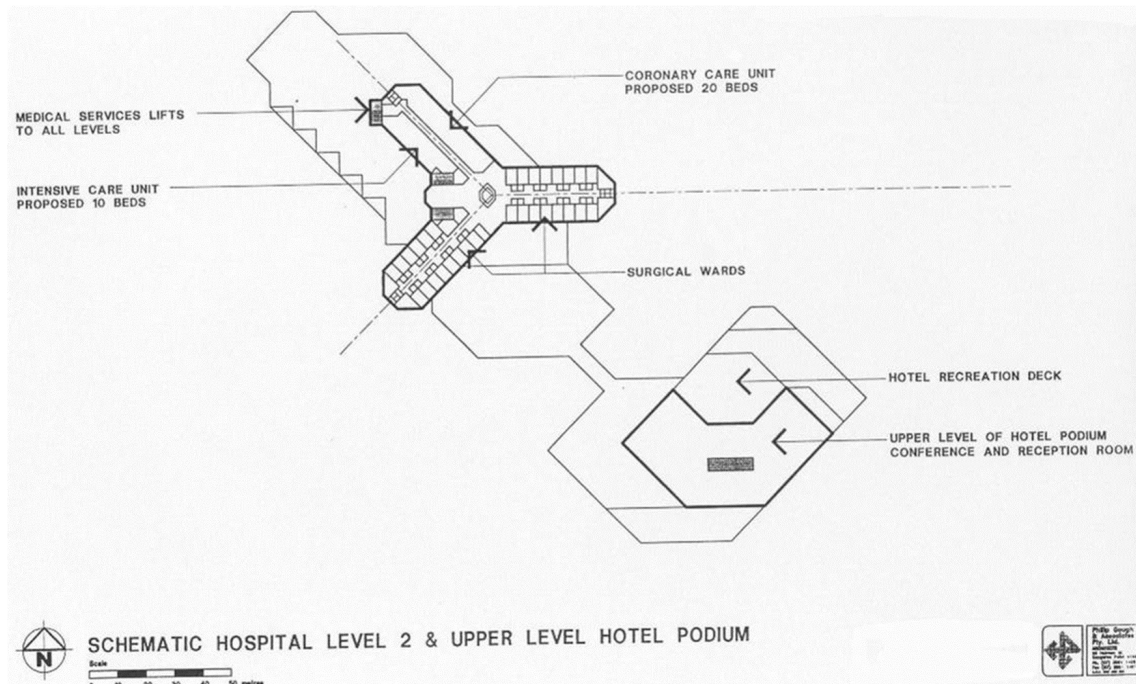




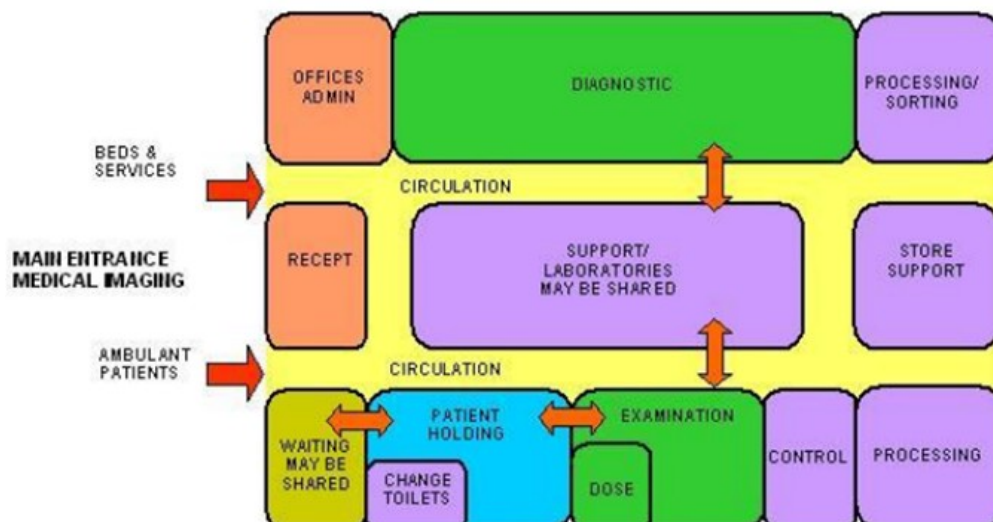
		Acres with surrounds	hectares			
Cricket field		3.30	1.50			
Football field		1.32	1.00			
Soccer		2.00	1.00			
Athletics			2.00			
Tennis / Netball / Basket Ball			1.00			
Olympic Swimming Pool			1.00			
Park and grounds			2.00			
Budget per hectare	develop	\$1,500,000	Total	9.50	Allow	hectares
			Developmental Costs			10.00
						\$15,000,000







Functional Relationship Diagram – Medical Imaging Unit – Nuclear Medicine



Modality:

Angiography
Computed Tomography (CT)
Echocardiography
Fluoroscopy
Magnetic Resonance Imaging (MRI)
Mammography
Nuclear Medicine
Orthopantomogram (OPG)
Positron emission tomography (PET)
Radiography (X-ray)
Ultrasound





DIAGNOSTIC UNIT



Pascas Care Hospital



**Pascas Care
Medical Clinic**

Medical Specialties

Geriatrics	Obstetrics	Postnatal Care	pregnancy	Cardiology	Fetus
Rhinology	Pulmonology	Dental Care	Facial Plastic Surgery	Gynecology	Dermatology
Otology	Gastroenterology	Hepatology	Psychiatry	Plastic Surgery	Symptom Checker
Human Brain	Pelvic Bone	Neurosurgery	Chiropractic	Hematology	Osteology
Breast Augmentation	Breast Reduction	Optometry	Naturopathy	Newborn	Herbal Medicine
Ear examination	Eye Specialties	Dermatology	Neurology	Orthopedics	Pulmonology

Pascas Care MEDICAL CENTRE



PASCAS HOSPITAL SHIP

AUD1.00 = USD 0.65 ZAR 11.60

USD1.00 = ZAR 18.70

US \$29,480,000 Available to order (AU\$42 million – add helicopter, etc., budget AU\$50 million) 2022

These Hospital Cats are all fully self-contained with live on-board accommodation for the medical staff as well as the crew. Vessels come with standard fit out as below and can be fitted with state of the art medical equipment (at additional cost). These vessels are both modern in the Naval design as well as being a fully functional Hospital on the water. The 60-metre vessel has been designed for coastal use as well as being able to travel up rivers to isolated communities. Construction time for this vessel is approximately 9 months.

Uses: As a fully functional modern Mobile Hospital. Disaster relief such as for Flooding, Cyclone, Tsunami, Volcano and Earthquakes. As a training centre, working together with local land-based Hospitals. Assisting the Navy as emergency and rescue vessels. Assisting search and rescues operations on or near the water.

Standard 60-metre Hospital Cat Fit-out

Operating Theatre x 4

Scrub Rooms x 2

Sterilization Room x 1

X-Ray Department x 1

Laboratory x 1

Dental Clinic x 1

Gynaecology x1

Ophthalmology x 1

Phlebotomy Station

General Medicine x 4

Pre-op and Post-op 4 + 4

Overnight Ward x 8 patients

ICU x 6

Patient Waiting Room

Medical + Crew Dining Area

Medical + Crew Galley

Administration Office

Helipad (Helicopter is additional)

Elevator Twin

**Vessel Particulars**

LOA: 60.00 metres WOA: 22.0 Height: 18. Draft: 2.60 metres

Patient Beds: 80 (wards)

Medical Staff Accommodation: 42 Berths

Ship's Crew Accommodation: 24 Berths

Vessels Levels

Below Deck: Engine room, Tank room and Ships crew accommodation.

Main Deck: Patient Waiting Room, X-Ray Department, Laboratory, Dental Clinic, Gynaecology, Ophthalmology, General Medicine, Overnight Ward, Pharmacy, Phlebotomy Station, ICU stations.

1st Level: Patient ward.

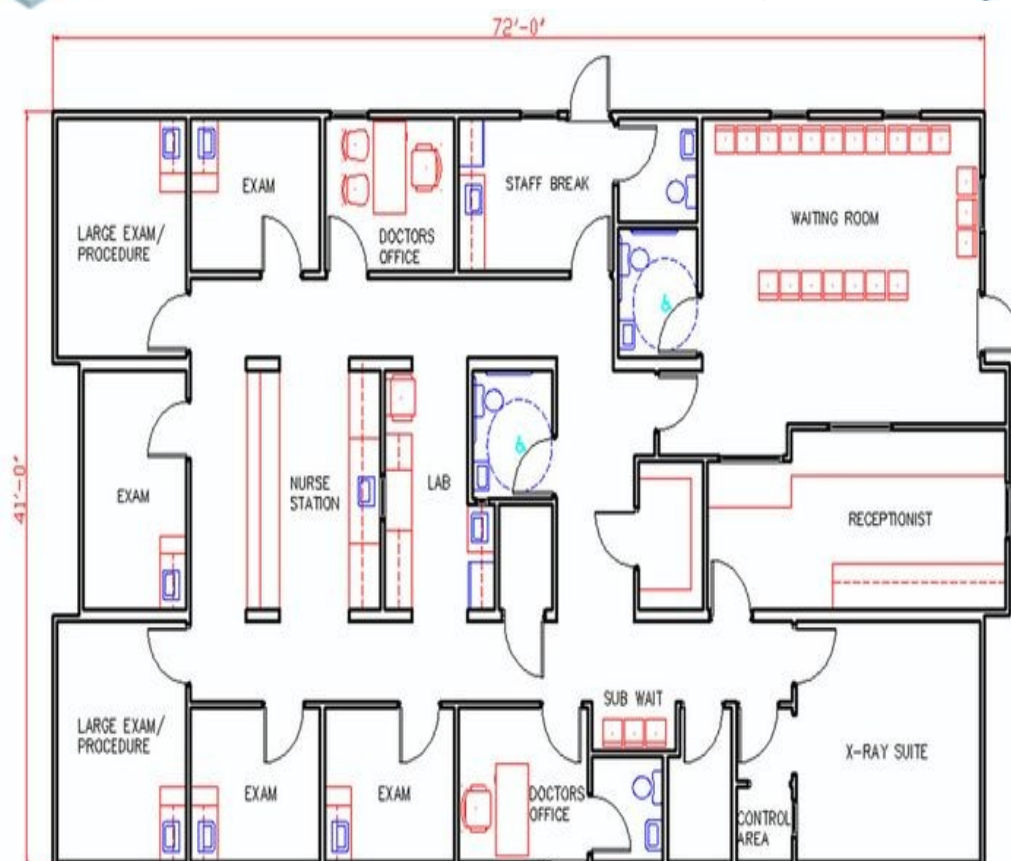
2nd Level: Operating theatres, Overnight beds, Equipment storage, PPE storage.

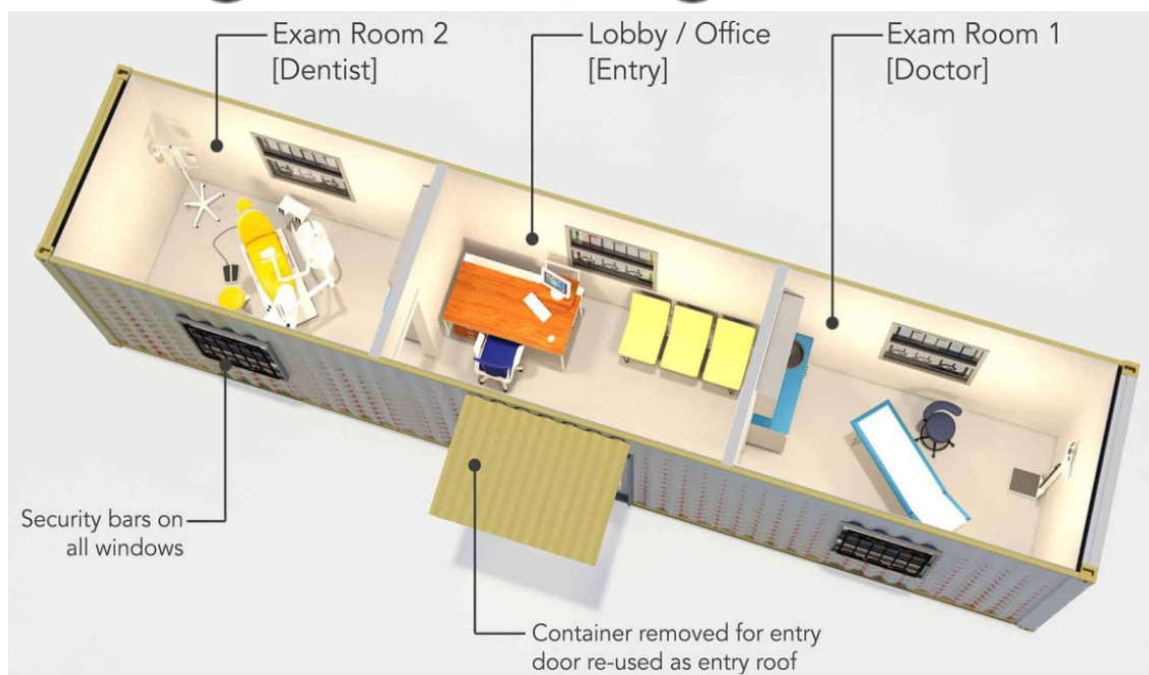
3rd Level: Medical staff accommodation, Galley + Dining area, Medical staff accommodation.

Top Deck: Bridge, Ventilation system, Helipad

Budget	USD	\$50,000,000
---------------	------------	---------------------

24x50 Medical office





COMMUNITY HEALTH

RECOMMENDED READING



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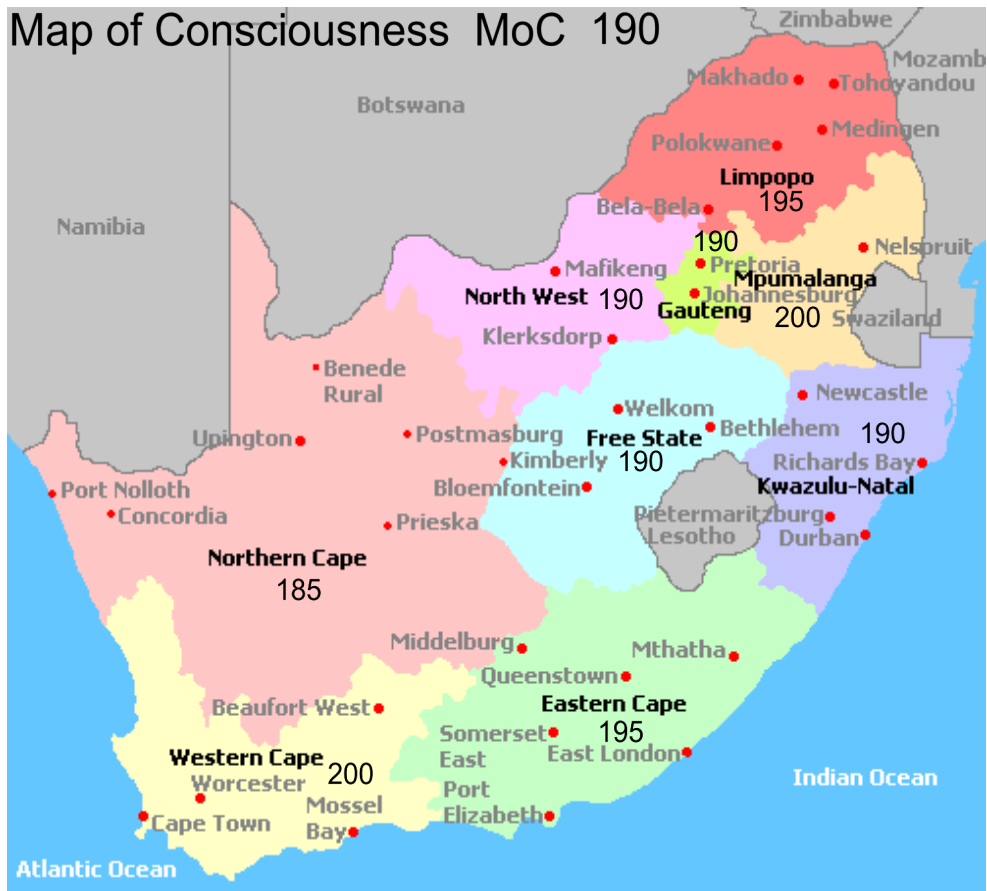
MEDICAL

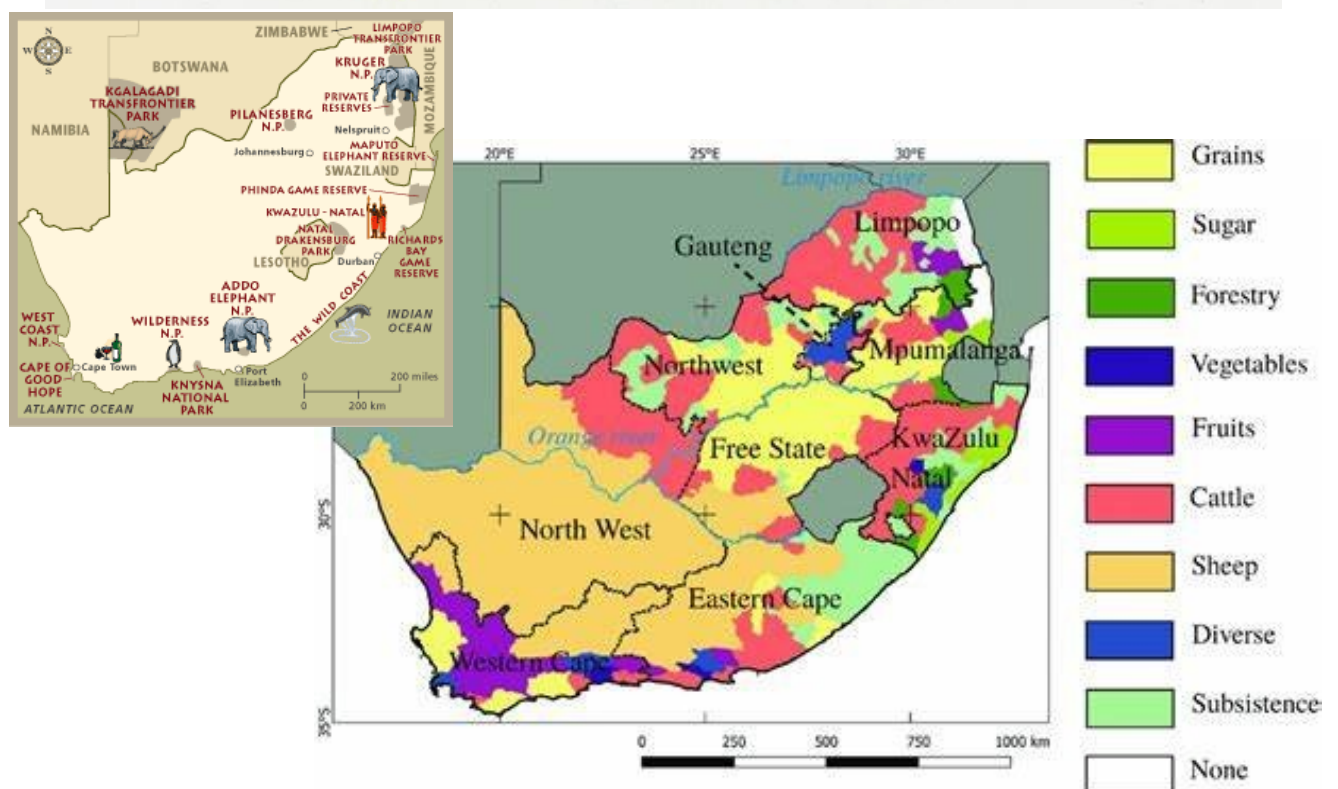
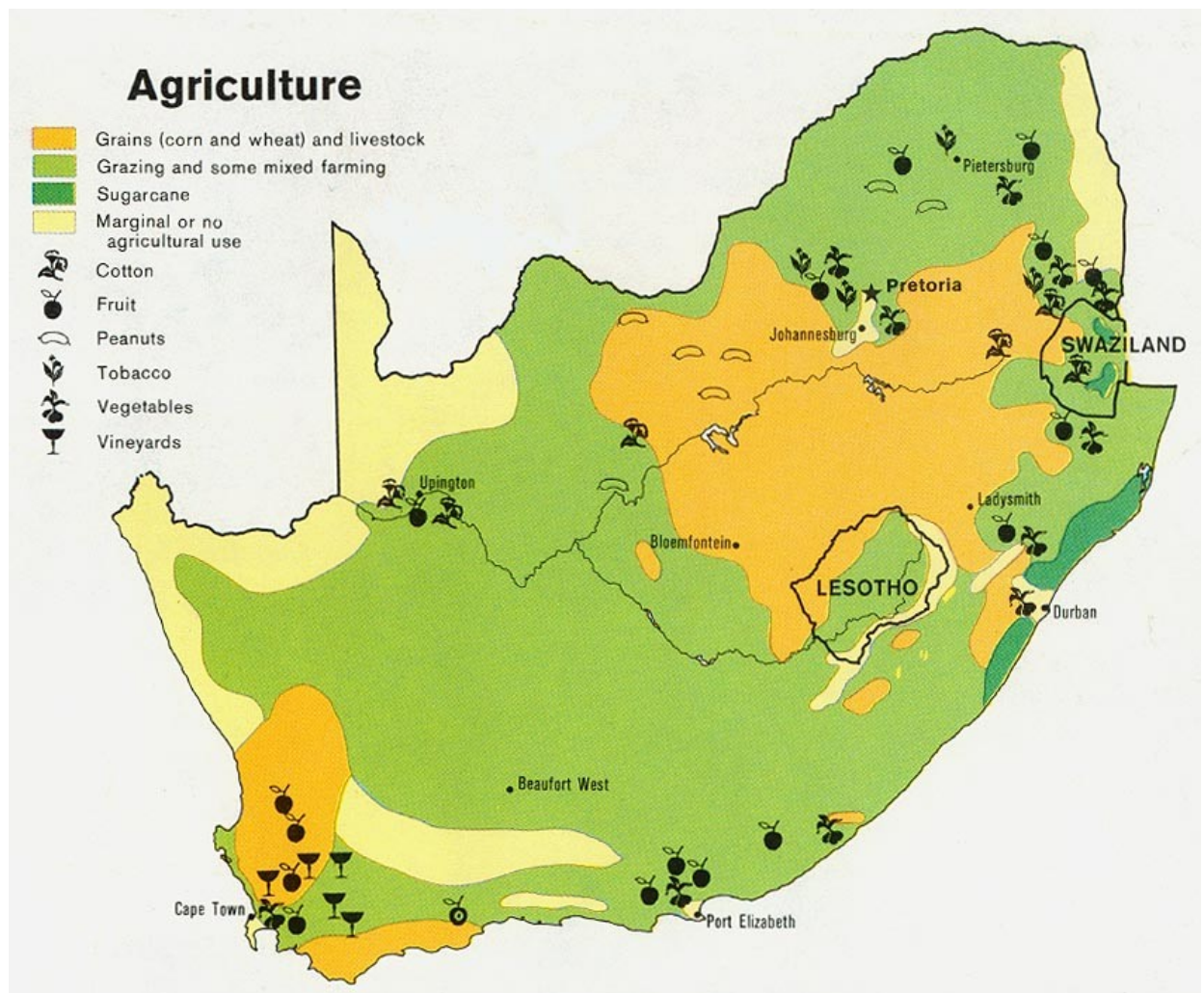
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 [Sam's Essay I am allowed not to love my parents.pdf](#)

SOUTH AFRICA



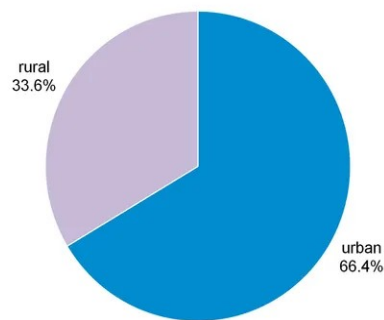


The Surprising Solutions to the World's Water Crisis | The Future With Hannah Fry

<https://www.youtube.com/watch?v=FDY2McKLvIM>

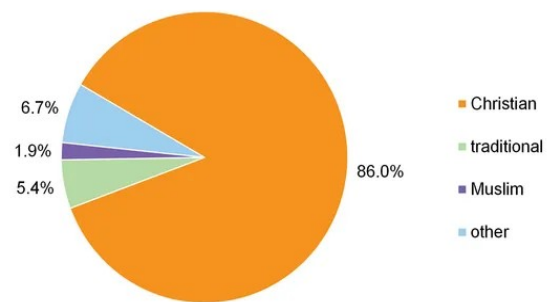
Our survival depends on water, yet global reserves are rapidly shrinking. It's now replaced oil as the most likely cause of global conflict. Can technology help secure humanity's future water needs?

South Africa urban-rural (2018)

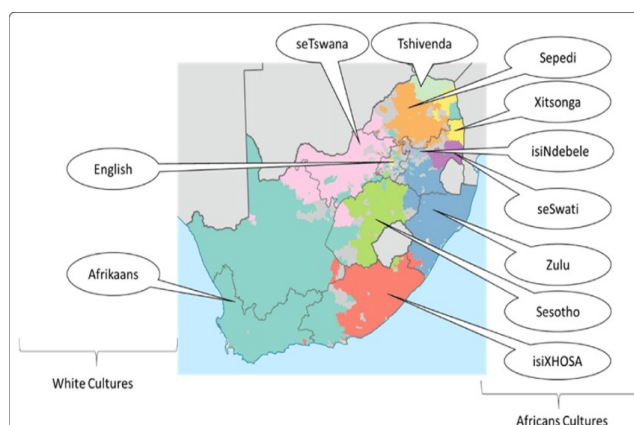
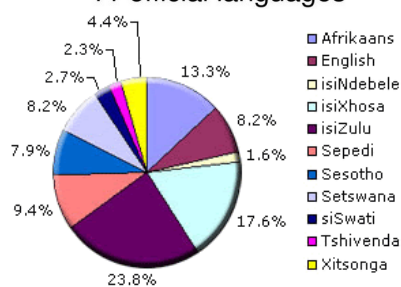


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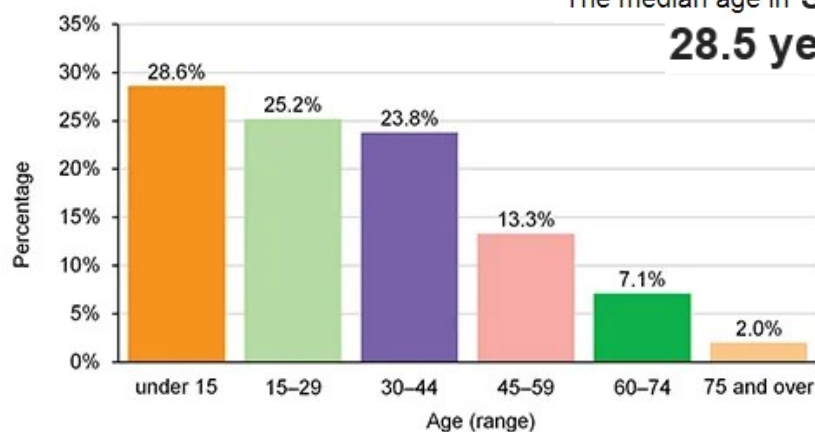
South Africa religious affiliation (2015)



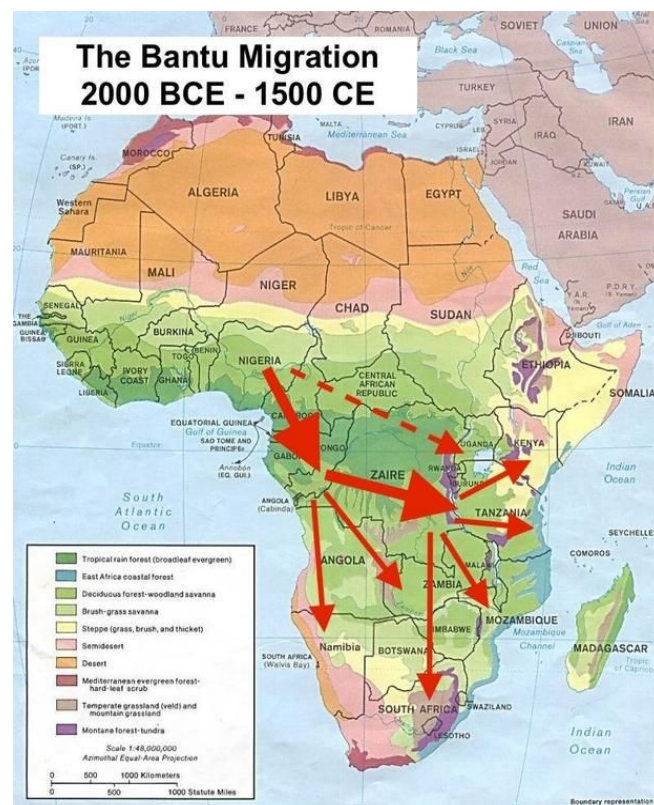
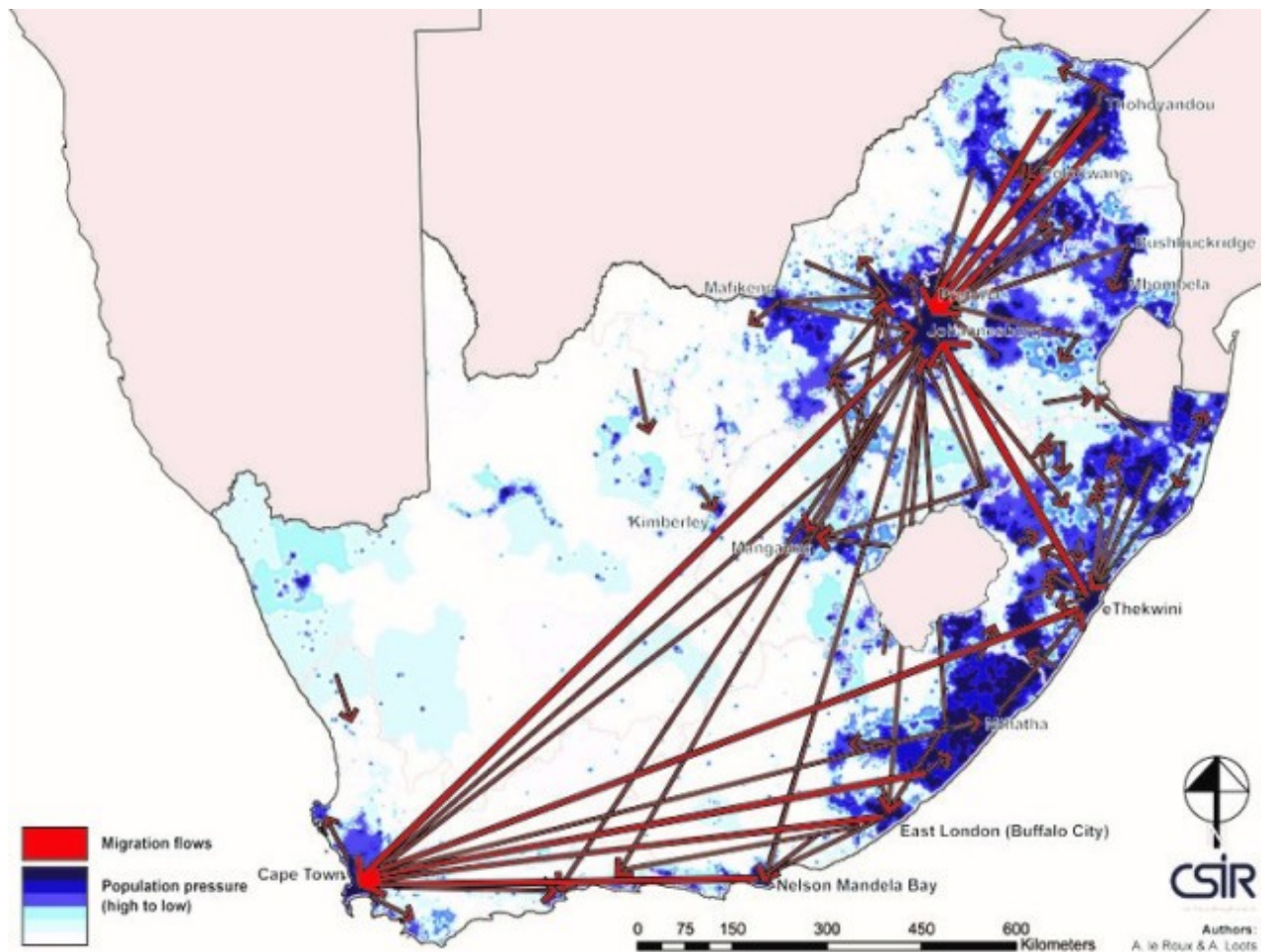
11 official languages



South Africa age breakdown (2020)

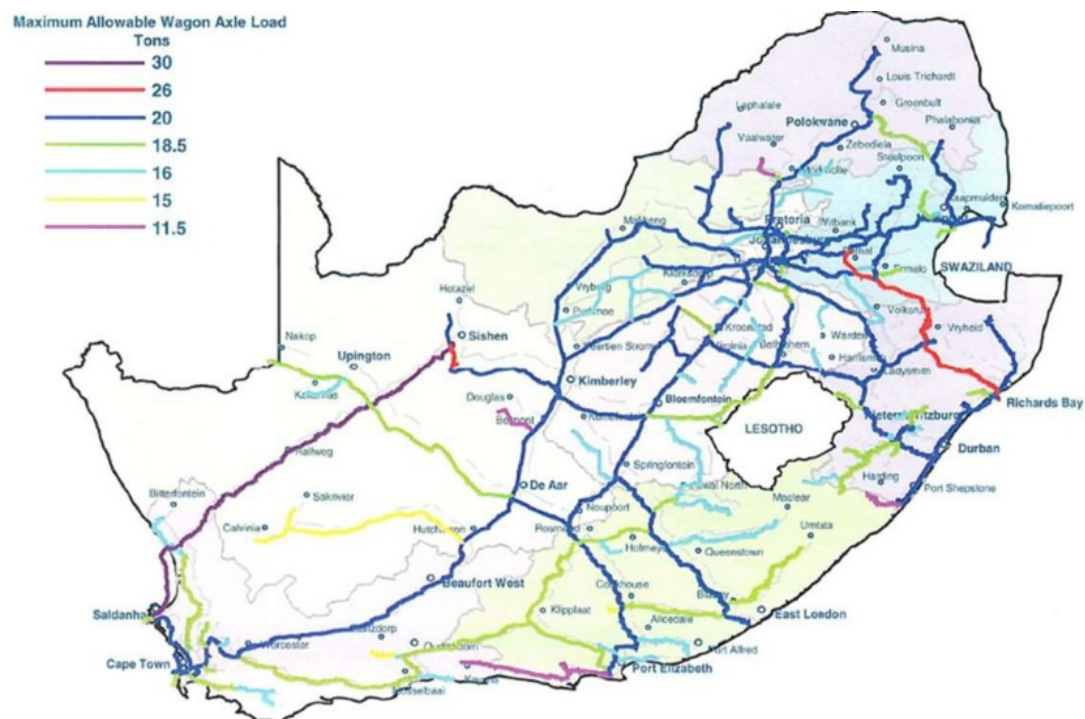


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Freight railway infrastructure in South Africa



SOUTH AFRICA Climate

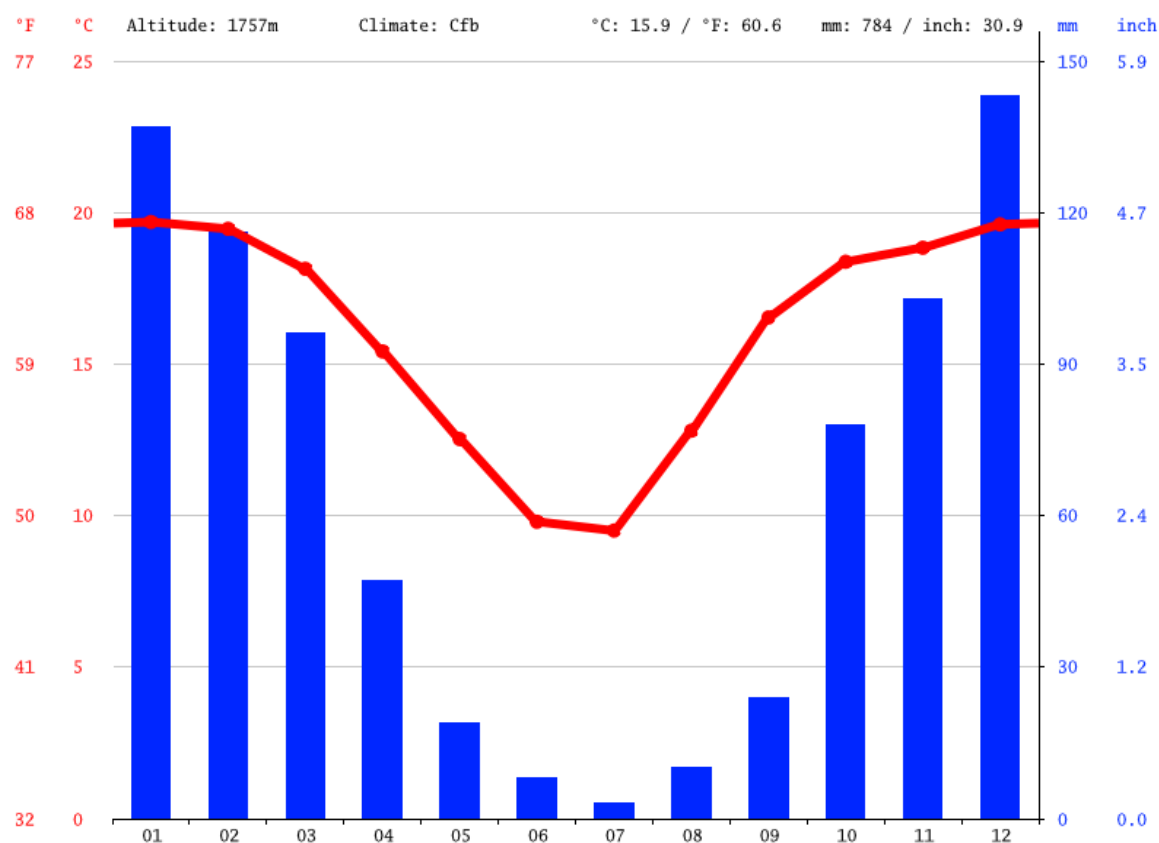
AUD1.00 = USD 0.65 ZAR 11.60 USD1.00 = ZAR 18.70

WEATHER BY MONTH // WEATHER AVERAGES JOHANNESBURG

<https://en.climate-data.org/africa/south-africa/gauteng/johannesburg-3221/>

	January	February	March	April	May	June	July	August	September	October	November	December
Avg. Temperature °C (°F)	19.7 °C (67.4) °F	19.5 °C (67) °F	18.1 °C (64.7) °F	15.4 °C (59.8) °F	12.5 °C (54.5) °F	9.8 °C (49.6) °F	9.5 °C (49.1) °F	12.8 °C (55) °F	16.5 °C (61.8) °F	18.4 °C (65.1) °F	18.8 °C (65.9) °F	19.6 °C (67.3) °F
Min. Temperature °C (°F)	14.7 °C (58.5) °F	14.5 °C (58.1) °F	13 °C (55.3) °F	10 °C (50) °F	6.4 °C (43.5) °F	3.5 °C (38.3) °F	2.7 °C (36.8) °F	5.5 °C (41.9) °F	8.9 °C (48) °F	11.4 °C (52.5) °F	12.8 °C (55.1) °F	14.4 °C (58) °F
Max. Temperature °C (°F)	24.9 °C (76.8) °F	24.7 °C (76.4) °F	23.6 °C (74.5) °F	21.1 °C (69.9) °F	19.1 °C (66.3) °F	16.8 °C (62.3) °F	16.9 °C (62.4) °F	20.4 °C (68.7) °F	24.1 °C (75.3) °F	25.3 °C (77.6) °F	25.1 °C (77.1) °F	25.1 °C (77.1) °F
Precipitation / Rainfall mm (in)	137 (5)	118 (4)	96 (3)	47 (1)	19 (0)	8 (0)	3 (0)	10 (0)	24 (0)	78 (3)	103 (4)	143 (5)
Humidity(%)	68%	66%	65%	62%	53%	50%	44%	37%	35%	45%	56%	65%
Rainy days (d)	12	11	10	6	2	1	1	2	3	8	11	14
avg. Sun hours (hours)	9.1	8.9	8.5	8.2	8.8	8.6	9.0	9.4	9.8	9.9	9.8	9.6

CLIMATE GRAPH // WEATHER BY MONTH JOHANNESBURG

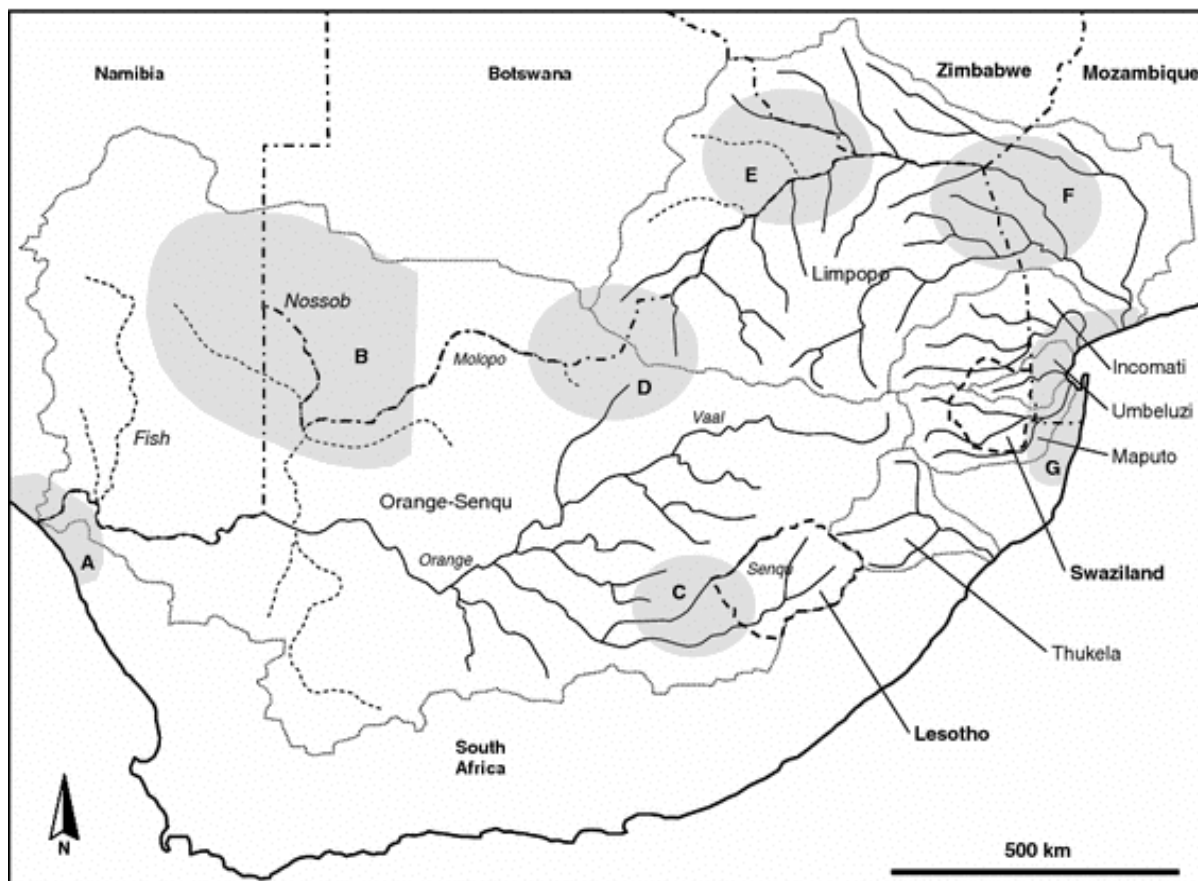


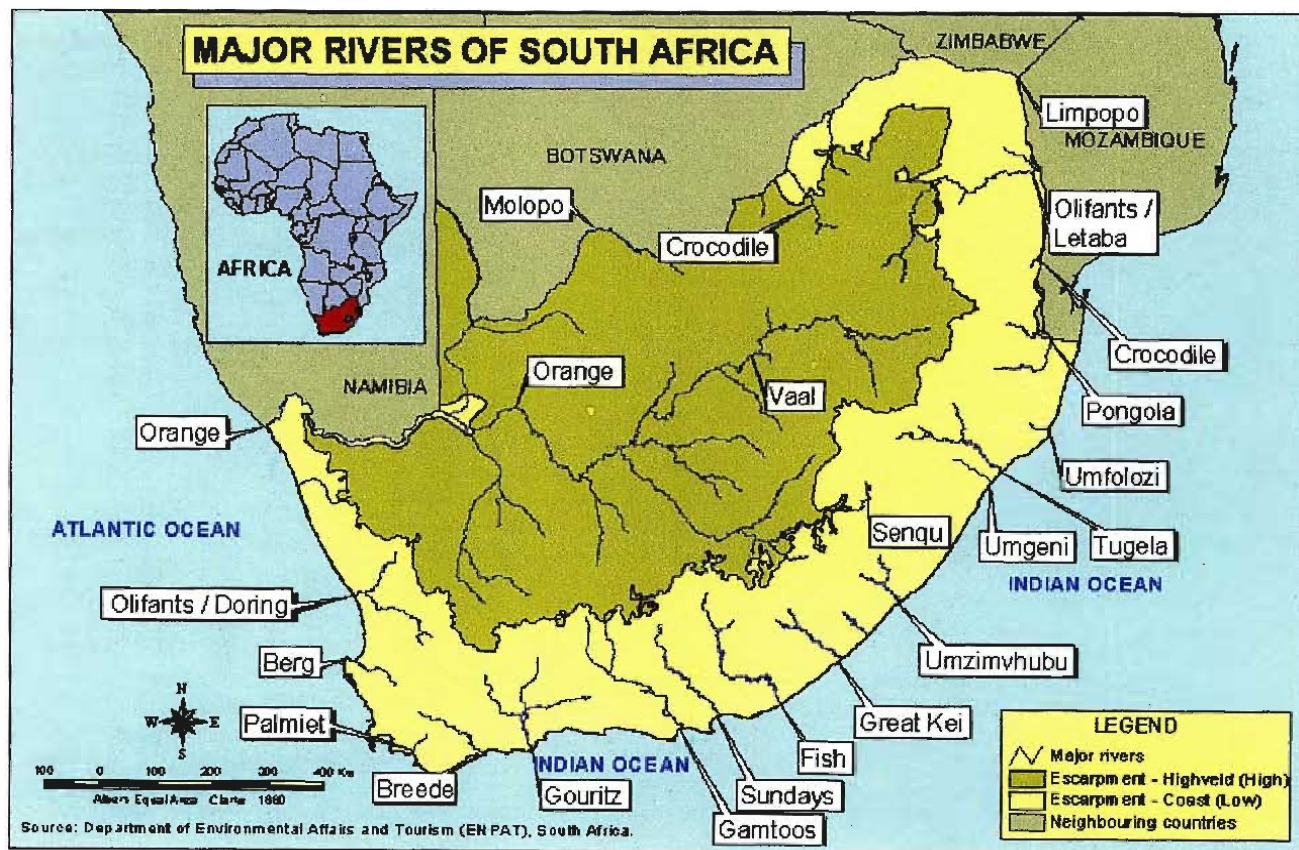
SOUTH AFRICA River Basin

AUD1.00 = USD 0.65 ZAR 11.60 USD1.00 = ZAR 18.70

https://www.researchgate.net/figure/Map-of-southern-Africa-showing-the-six-river-basins-with-their-main-rivers-and_fig1_225445541

Map of southern Africa, showing the six river basins with their main rivers and tributaries, plus the approximate extent of the seven shared aquifer systems that South Africa shares with neighbouring countries. Basin data taken from Ashton et al. (2008a); aquifer data taken from Struckmeier et al. (2006)





Strategic Water Source Areas

- Type**
- Ground
 - Surface
 - Both
 - Provinces
 - Rivers
 - Settlements

