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Al Bawader for Greenhouse Plastics

Summary, Assumptions, & Inputs

Project Description

Al Bawader seeks to create a shift in Palestinian agriculture through the establishment of a production facility that manufactures plastic for greenhouses. It would be the first such venture in Palestine, as local farmers are reliant on foreign imports, particularly Israeli firms, that import the plastic thus stifling the growth of the sector. In addition to this, Al Bawader is seeking to do so through creating a competitive advantage based on its ability to recycle waste and convert it into raw materials, and partnering with a German firm remotely that will oversee the production to enhance the quality and value of the products and their subsequent delivery. Typically, agriculture is between 6-9% of Palestinian GDP, equating to nearly \$ 1 Billion in annual revenues generated by the sector.

Study Financial Result

Currency Used		USD
Investment Value	Total Project's Investment	
Internal Rate of Return (IRR)	IRR is a method used by companies to make decisions about the viability of an investment in the long run, that is, it is one of the methods of capital budgeting. It is defined as the discount rate at which the Net Present Value outcome is zero, and it is usually interpreted by the expected profits that an investment decision generates.	
Net Present Value (NPV) @	#DIV/0!	Net Present Value applies to a series of cash flows occurring at different times. The present value of a cash flow depends on the interval of time between now and the cash flow. It also depends on the discount rate.
Payback Period	Yr	The period that the project spends until it recovers the money initially paid
Average Annual Net Profit	(Five Years)	It is the value of the expected annual net profit and it is calculated after deducting all expenses and expenditures from the total revenue, the Average Annual Net Profit rate was calculated for five years, which is the study period.
Return of Investment (ROI)	ROI is the ratio between the Average Annual Net Profit and the investment cost resulting from investing some resources. A higher return on investment means that the investment rewards positively over its cost	
Return on Assets (ROA)	The rate of return ratio reflects the investment value of the project's fixed assets	
OPEX	It is a measure of the financial resources needed for a company to cover its daily expenditures and is calculated by subtracting the cash outflow from the cash inflows.	
Capital Investment	The value of the resources needed to invest in fixed assets	

Financial Assumptions		Currency Translation		Investment Assumptions	
Sales Annual Increment	5.00%	ILS to ILS	1.00	Production Level	90% of projected Sales
Annual increase in operating cost	10.00%	USD to ILS	2.20	Investment Structure	
Annual increase in salaries and wages	5.00%	EURO to ILS	2.70	Equity financing	0.00%
		FX Rate	3.20	Debt financing	0.00%
% Collection Rate 1st month	0.00%	Industry & Market Inputs		Loan in currency	#ERROR!
% Collection Rate 2nd month	50.00%	Industry Type	Farming/Agriculture	Annual Interest Rate	7%
% Collection Rate 3rd month	50.00%	Country	Palestinian Authority	Loan Period in Years	10.00
% Collection Rate 4th month	0.00%	Maintenance & Insurance		No of Payments/Year	12.00
% Collection Rate 5th month	0.00%	Const. Maintenance	5%	No of Payments	120.00
% Collection Rate 6th month	0.00%	Eggs. Maintenance	2%	Start Date of Loan	June 1, 2022
% Payment Rate 1st month	100.00%	Building Insurance	5,000.00 \$/yr	Grant (Capex)	0.00
% Payment Rate 2nd month	0.00%	Staff Insurance	64 \$/mo	Grant (Opex)	0.00
% Payment Rate 3rd month	0.00%	Marketing and Sales Pcc (% of Sales)			
% Payment Rate 4th month	0.00%	Sales Commissions (% of Sales)			
% Payment Rate 5th month	0.00%	Shipping Costs (% of Sales)			
% Payment Rate 6th month	0.00%	Variable Maintenance Expenses (% of Sales)			

Products and Prices

Product	Product Unit	Sale Unit	No. of Units in One Sale	Unit Price in LC	Unit Price in Study Currency	Projected Sales Q1 - Year 1	Sales Volume in Study Currency	DEF in Amount	DEF in Quantities
Greenhouse cover films	KG	KG	1	10.50	#ERROR!	1,723,680	#ERROR!	#ERROR!	#ERROR!
Thermal shades	KG	KG	1	10.50	#ERROR!	648,000	#ERROR!	#ERROR!	#ERROR!
Recycled plastic	KG	KG	1	2.40	#ERROR!	738,720	#ERROR!	#ERROR!	#ERROR!
Total	#ERROR!						#ERROR!		

Raw Material, Direct Labor, & Packaging

Raw Material Used	Unit	Material Classifications	Unit Price in LC (ILS)	Unit Price in Study Currency	Quantity Needed	% from total cost of production	Cost Of Production Cost in Study Cur
CoOOS MB	Kilo	Raw Material	2.05	#ERROR!	#ERROR!	#ERROR!	#ERROR!
mLLDPE	Kilo	Raw Material	6.12	#ERROR!	#ERROR!	#ERROR!	#ERROR!
LLDPE	Kilo	Raw Material	5.12	#ERROR!	#ERROR!	#ERROR!	#ERROR!
LDPE	Kilo	Raw Material	6.15	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Additive 1	Kilo	Raw Material	8.64	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Additive 2	Kilo	Raw Material	14.10	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Additive 3	Kilo	Raw Material	6.25	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Additive 4	Kilo	Raw Material	22.87	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Additive 5	Kilo	Raw Material	29.33	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Recycling Collection	Kilo	Direct Labor	1.00	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Total	#ERROR!					#ERROR!	#ERROR!
Summary							
Raw Material							0.00% #ERROR!
Direct Labor							0.00% #ERROR!
Packaging							0.00% #ERROR!

	Variables									
	Net Present Value	Internal Rate of Return	Payback Period	Profitability Index	Net Present Value	Internal Rate of Return	Payback Period	Profitability Index	Net Present Value	Internal Rate of Return
Variable 1	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
Variable 2	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%
Variable 3	10%	10%	10%	10%	10%	10%	10%	10%	10%	10%

Model 1: 10% Discount Rate			
	Variable 1	Variable 2	Variable 3
Net Present Value	10.00%	10.00%	10.00%
Internal Rate of Return	10.00%	10.00%	10.00%
Payback Period	10.00%	10.00%	10.00%
Profitability Index	10.00%	10.00%	10.00%
Net Present Value	10.00%	10.00%	10.00%
Internal Rate of Return	10.00%	10.00%	10.00%
Payback Period	10.00%	10.00%	10.00%
Profitability Index	10.00%	10.00%	10.00%
Net Present Value	10.00%	10.00%	10.00%
Internal Rate of Return	10.00%	10.00%	10.00%
Payback Period	10.00%	10.00%	10.00%
Profitability Index	10.00%	10.00%	10.00%
Net Present Value	10.00%	10.00%	10.00%
Internal Rate of Return	10.00%	10.00%	10.00%
Payback Period	10.00%	10.00%	10.00%
Profitability Index	10.00%	10.00%	10.00%

Variable	Variable 1	Variable 2	Variable 3
Net Present Value	10.00%	10.00%	10.00%
Internal Rate of Return	10.00%	10.00%	10.00%
Payback Period	10.00%	10.00%	10.00%
Profitability Index	10.00%	10.00%	10.00%
Net Present Value	10.00%	10.00%	10.00%
Internal Rate of Return	10.00%	10.00%	10.00%
Payback Period	10.00%	10.00%	10.00%
Profitability Index	10.00%	10.00%	10.00%
Net Present Value	10.00%	10.00%	10.00%
Internal Rate of Return	10.00%	10.00%	10.00%
Payback Period	10.00%	10.00%	10.00%
Profitability Index	10.00%	10.00%	10.00%

Variable	Variable 1	Variable 2	Variable 3
Net Present Value	10.00%	10.00%	10.00%
Internal Rate of Return	10.00%	10.00%	10.00%
Payback Period	10.00%	10.00%	10.00%
Profitability Index	10.00%	10.00%	10.00%
Net Present Value	10.00%	10.00%	10.00%
Internal Rate of Return	10.00%	10.00%	10.00%
Payback Period	10.00%	10.00%	10.00%
Profitability Index	10.00%	10.00%	10.00%
Net Present Value	10.00%	10.00%	10.00%
Internal Rate of Return	10.00%	10.00%	10.00%
Payback Period	10.00%	10.00%	10.00%
Profitability Index	10.00%	10.00%	10.00%

Variable	Variable 1	Variable 2	Variable 3	Variable 4	Variable 5	Variable 6	Variable 7
Variable 1	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
Variable 2	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
Variable 3	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
Variable 4	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
Variable 5	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
Variable 6	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
Variable 7	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%

Al Bawader for Greenhouse Plastics
Projected Financial Statements
 Currency USD
 Scenario 1



Projected Income Statement	Pre-operation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Sales		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Cost of Sales								
Beginning Inventory		-	-	-	-	-	-	-
Cost of primary raw material		-	-	-	-	-	-	-
Ending Inventory		-	-	-	-	-	-	-
Cost of Sales		-	-	-	-	-	-	-
Gross Profit		-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Other Income								
Government Grant (CapEx)		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Government Grant (OpEx)		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Other Income		-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Salaries		799,100.00	\$29,055.00	\$51,007.75	\$25,055.14	\$71,311.04	1,019,576.60	1,070,570.43
Operating Expenses		\$13,952.60	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Donated OpEx		-						
Income before Interest, Taxes and Deprecia		-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Depreciation		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Donated Assets Depreciation		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Income Before Interest and Tax		-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Interest		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Income Before Tax		-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Taxes								
Net Income		-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Projected Balance Sheet	Pre-operation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Cash & Cash Equivalent		-	-	-	-	-	-	-
Inventory		#ERROR!	-	-	-	-	-	-
Prepaid Expenses		110,000.00	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Accounts Receivables		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Total Current Assets		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Fixed Assets		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Total Fixed Assets		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Accumulated Depreciation		-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Net Fixed Assets		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Other Assets								
Total Assets		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Account Payable		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Loan		#ERROR!	-	-	-	-	-	-
Unearned Revenue (CapEx)		-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Unearned Revenue (OpEx)		-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Total Current Liabilities		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Total Liabilities		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Equity								
Capital		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Retained Earnings		-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Total Equity		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Projected Cashflow Statement	Pre-operation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Net Income		-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Add: Depreciation Expense		-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Change in Working Capital								
Change in Inventory		#ERROR!	#ERROR!	-	-	-	-	-
Change in Prepaid Expenses		110,000.00	(110,000.00)	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Change in A/R			-	-	-	-	-	-
Change in A/P		#ERROR!	-	-	-	-	-	-
(Change in Unearned Revenue (CapEx		-	-	-	-	-	-	-
(Change in Unearned Revenue (OpEx		-	-	-	-	-	-	-
Cashflow from Operations Activities		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!

Cashflow from Investing Activities	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Change in Loan Capital	#ERROR!	-	-	-	-	-	-	-
Cashflow from Financing Activities	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Beginning Cash Balance	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Change in Cash	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Ending Cash Balance	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!

Free Cashflow	Pre-operation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Cashflow from Operations Activities	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Deduct: Capital Expenditures	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Free Cashflow	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Cumulative Balance	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Payback Period	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!

Scenario 2

Projected Income Statement	Pre-operation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Sales		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Cost of Sales		-	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Beginning Inventory	-	-	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Cost of primary raw material	-	-	-	-	-	-	-	-
Ending Inventory	-	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Cost of Sales	-	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Gross Profit	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Other Income								
Government Grant (CapEx)		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Government Grant (OpEx)		-	-	-	-	-	-	-
Expenses								
Salaries		799,100.00	839,055.00	881,007.75	923,055.14	971,311.04	1,019,576.80	1,070,570.43
Operating Expenses		813,932.80	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Donated OpEx		-	-	-	-	-	-	-
Income before Interest, Taxes and Deprecia	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Depreciation		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Donated Assets Depreciation		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Income Before Interest and Tax	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Interest		-	-	-	-	-	-	-
Income Before Tax	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Taxes		-	-	-	-	-	-	-
Net Income	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!

Projected Balance Sheet	Pre-operation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Cash & Cash Equivalent	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Inventory	-	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Prepaid Expenses	110,000.00							
Accounts Receivables		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Total Current Assets	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Fixed Assets		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Accumulated Depreciation	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Net Fixed Assets	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Total Assets	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Account Payable	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Loan	#ERROR!	-	-	-	-	-	-	-
Unearned Revenue (CapEx)	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Unearned Revenue (OpEx)	-	-	-	-	-	-	-	-
Total Current Liabilities	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Total Liabilities	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Equity								
Capital	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Retained Earnings	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Total Equity	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!

Projected Cashflow Statement	Pre-operation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Net Income	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Add: Depreciation Expense	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Change in Working Capital								
Change in Inventory	-	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Change in Prepaid Expenses	(110,000.00)	110,000.00	-	-	-	-	-	-
Change in A/R	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Change in A/P	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Change in Loan	#ERROR!	#ERROR!	-	-	-	-	-	-
(Change in Unearned Revenue (CapEx	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
(Change in Unearned Revenue (OpEx	-	-	-	-	-	-	-	-
Cashflow from Operations Activities	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Cashflow from Investing Activities	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Capital	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Cashflow from Financing Activities	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Beginning Cash Balance	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Change in Cash	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Ending Cash Balance	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!

Free Cashflow	Pre-operation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
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Cashflow from Operations Activities	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Deduct: Capital Expenditures	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Free Cashflow	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Cumulative Balance	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Payback Period	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Scenario 3								
Projected Income Statement	Pre-operation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Sales		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Cost of Sales								
Beginning Inventory		-	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Cost of primary raw material		-	-	-	-	-	-	-
Ending Inventory		-	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Cost of Sales		-	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Gross Profit		-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Other Income								
Government Grant (CapEx)		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Government Grant (OpEx)		-	-	-	-	-	-	-
Expenses								
Salaries		799,100.00	829,055.00	881,007.75	925,055.14	971,311.04	1,019,576.60	1,070,570.43
Operating Expenses		612,952.60	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Donated OpEx								
Income before Interest, Taxes and Deprecia	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Depreciation		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Donated Assets Depreciation		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Income Before Interest and Tax	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Interest		-	-	-	-	-	-	-
Income Before Tax	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Taxes								
Net Income	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Projected Balance Sheet	Pre-operation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Cash & Cash Equivalent	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Inventory	-	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Prepaid Expenses								
Accounts Receivables		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Total Current Assets	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Fixed Assets	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Accumulated Depreciation	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Net Fixed Assets	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Total Assets	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Liabilities								
Account Payable	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Loan	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Unearned Revenue (CapEx)	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Unearned Revenue (OpEx)	-	-	-	-	-	-	-	-
Total Current Liabilities	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Total Liabilities	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Equity								
Capital	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Retained Earnings	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Total Equity	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Projected Cashflow Statement	Pre-operation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Net Income	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Add: Depreciation Expense	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Change in Working Capital								
Change in Inventory	-	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Change in Prepaid Expenses								
Change in A/R	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Change in A/P	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Change in Loan	#ERROR!	#ERROR!						
(Change in Unearned Revenue (CapEx	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
(Change in Unearned Revenue (OpEx	-	-	-	-	-	-	-	-
Cashflow from Operations Activities	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Cashflow from Investing Activities	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Capital	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Cashflow from Financing Activities	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Beginning Cash Balance	-	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Change in Cash	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Ending Cash Balance	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Free Cashflow	Pre-operation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Cashflow from Operations Activities	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Deduct: Capital Expenditures	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Free Cashflow	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Cumulative Balance	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
Payback Period	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!

Add a series to start
visualizing your data

Add a series to start
visualizing your data

Financial Plan
Al Bawader for Greenhouse Plastics
Ratio Analysis
Scenario 1

Income Statement Vertical Analysis	Pre-operation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Sales		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cost of Sales								
Beginning Inventory		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cost of primary raw material		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Ending Inventory		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cost of Sales		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Gross Profit		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other Income								
Government Grant (CapEx)		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Government Grant (OpEx)		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other Income		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Salaries		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Operating Expenses		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Donated OpEx		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Income before Interest, Taxes and Depreciation		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Depreciation		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Donated Assets Depreciation		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Income Before Interest and Tax		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Interest		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Income Before Tax		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Taxes		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Net Income		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Income Statement Horizontal Analysis	Pre-operation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Sales			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cost of Sales								
Beginning Inventory			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cost of primary raw material			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Ending Inventory			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cost of Sales			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Gross Profit			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other Income								
Government Grant (CapEx)			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Government Grant (OpEx)			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Expenses			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Salaries			5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Operating Expenses			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Donated OpEx			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Income before Interest, Taxes and Depreciation			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Depreciation			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Donated Assets Depreciation			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Income Before Interest and Tax			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Interest			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Income Before Tax			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Taxes			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Net Income			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Ratio Analysis	Pre-operation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Profitability Ratios								
Gross Profit		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Net Income		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Liquidity Ratio								
Cash Ratio		-	-	-	-	-	-	-
Current Ratio		-	-	-	-	-	-	-
Quick Ratio		#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	-	-
Efficiency Ratio								
Account Receivable Turnover		-	-	-	-	-	-	-
Account Payable Turnover		-	-	-	-	-	-	-
Inventory Turnover		-	-	-	-	-	-	-
Account Receivable Days (Collection Period)		-	-	-	-	-	-	-
Account Payable Days (Payment Period)		-	-	-	-	-	-	-
Inventory Days		-	-	-	-	-	-	-
Cash Conversion Cycle		-	-	-	-	-	-	-
Return On Investment								
Net Income		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Assets Turnover		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Financial Leverage		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Return On Investment		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Scenario 2

Income Statement Vertical Analysis	Pre-operation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Sales		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cost of Sales								
Beginning Inventory		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cost of primary raw material		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Ending Inventory		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cost of Sales		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Gross Profit		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other Income								
Government Grant (CapEx)		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Government Grant (OpEx)		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Expenses		0.00%						
Salaries		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Operating Expenses		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Donated OpEx		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Income before Interest, Taxes and Depreciation		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Depreciation		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Donated Assets Depreciation		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Income Before Interest and Tax		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Interest		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Income Before Tax		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Taxes		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Net Income	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Income Statement Horizontal Analysis	Pre-operation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Sales			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cost of Sales								
Beginning Inventory			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cost of primary raw material			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Ending Inventory			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cost of Sales			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Gross Profit			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other Income								
Government Grant (CapEx)			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Government Grant (OpEx)			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Expense								
Salaries			5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Operating Expenses			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Donated OpEx			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Income before Interest, Taxes and Depreciation			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Depreciation			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Donated Assets Depreciation			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Income Before Interest and Tax			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Interest			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Income Before Tax			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Taxes			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Net Income			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Ratio Analysis	Pre-operation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Profitability Ratios								
Gross Profit		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Net Income		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Liquidity Ratio								
Cash Ratio		-	-	-	-	-	-	-
Current Ratio		-	-	-	-	-	-	-
Quick Ratio		-	-	-	-	-	-	-
Efficiency Ratio								
Account Receivable Turnover		-	-	-	-	-	-	-
Account Payable Turnover		-	-	-	-	-	-	-
Inventory Turnover		-	-	-	-	-	-	-
Account Receivable Days (Collection Period)		-	-	-	-	-	-	-
Account Payable Days (Payment Period)		-	-	-	-	-	-	-
Inventory Days		-	-	-	-	-	-	-
Cash Conversion Cycle		-	-	-	-	-	-	-
Return On Investment								
Net Income		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Asset Turnover		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Financial Leverage		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Return On Investment		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Scenario 3

Income Statement Vertical Analysis	Pre-operation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Sales		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cost of Sales								
Beginning Inventory		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cost of primary raw material		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Ending Inventory		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cost of Sales		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Gross Profit		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other Income								
Government Grant (CapEx)		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Government Grant (OpEx)		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Expenses		0.00%						
Salaries		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Operating Expenses		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Donated OpEx		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Income before Interest, Taxes and Depreciation		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Depreciation		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Donated Assets Depreciation		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Income Before Interest and Tax		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Interest		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Income Before Tax		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Taxes		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Net Income	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Income Statement Horizontal Analysis	Pre-operation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Sales			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cost of Sales								
Beginning Inventory			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Cost of primary raw material			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Ending Inventory			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Cost of Sales			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Gross Profit			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Other Income								
Government Grant (CapEx)			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Government Grant (OpEx)			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Expense								
Salaries			5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Operating Expenses			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Donated OpEx			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Income before Interest, Taxes and Depreciation			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Depreciation			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Donated Assets Depreciation			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Income Before Interest and Tax			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Interest			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Income Before Tax			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Taxes			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Net Income			0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Ratio Analysis	Pre-operation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Profitability Ratios								
Gross Profit		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Net Income		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Liquidity Ratio								
Cash Ratio		-	-	-	-	-	-	-
Current Ratio		-	-	-	-	-	-	-
Quick Ratio		-	-	-	-	-	-	-
Efficiency Ratio								
Account Receivable Turnover		-	-	-	-	-	-	-
Account Payable Turnover		-	-	-	-	-	-	-
Inventory Turnover		-	-	-	-	-	-	-
Account Receivable Days (Collection Period)		-	-	-	-	-	-	-
Account Payable Days (Payment Period)		-	-	-	-	-	-	-
Inventory Days		-	-	-	-	-	-	-
Cash Conversion Cycle		-	-	-	-	-	-	-
Return On Investment								
Net Income		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Assets Turnover		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Financial Leverage		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Return On Investment		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

[illegible]



Items Cost, margin & net profit Summary Results												Break Even Point				
Currency USD																
Scenario 1																
Item Name	Unit Sales Price	Unit Direct Cost	Unit Profit Margin	% of profit Margin	Proposed # of Items sold	Column 6	Item Sales Volume	Item Cost of Production	% of Sales Mix	Item Gross Profit	Item Allocated fixed costs (based on % of sales mix)	Item Net Profit	BEF % Amount	BEF Quantity	Column 15	Validation
Greenhouse cover film	ERROR	ERROR			1,815,000 KG		ERROR	ERROR	0%	0.00	ERROR	ERROR	ERROR	ERROR	KG	ERROR
Thermal shades	ERROR	ERROR			720,000 KG		ERROR	ERROR	0%	0.00	ERROR	ERROR	ERROR	ERROR	KG	ERROR
Recycled plastic	ERROR	ERROR			320,000 KG		ERROR	ERROR	0%	0.00	ERROR	ERROR	ERROR	ERROR	KG	ERROR
Total				#DIV/0!			ERROR	ERROR	0.00%	0.00	ERROR	ERROR	ERROR			ERROR
												ERROR				ERROR
Scenario 2																
Item Name	Unit Sales Price	Unit Direct Cost	Unit Profit Margin	% of profit Margin	Proposed # of Items sold	Column 6	Item Sales Volume	Item Cost of Production	% of Sales Mix	Item Gross Profit	Item Allocated fixed costs (based on % of sales mix)	Item Net Profit	BEF % Amount	BEF Quantity	Column 15	Validation
Greenhouse cover film	ERROR	ERROR			1,723,000 KG		ERROR	ERROR	0%	0.00	ERROR	ERROR	ERROR	ERROR	KG	ERROR
Thermal shades	ERROR	ERROR			643,000 KG		ERROR	ERROR	0%	0.00	ERROR	ERROR	ERROR	ERROR	KG	ERROR
Recycled plastic	ERROR	ERROR			723,720 KG		ERROR	ERROR	0%	0.00	ERROR	ERROR	ERROR	ERROR	KG	ERROR
Total				#DIV/0!			ERROR	ERROR	0.00%	0.00	ERROR	ERROR	ERROR			ERROR
												ERROR				ERROR
Scenario 3																
Item Name	Unit Sales Price	Unit Direct Cost	Unit Profit Margin	% of profit Margin	Proposed # of Items sold	Column 6	Item Sales Volume	Item Cost of Production	% of Sales Mix	Item Gross Profit	Item Allocated fixed costs (based on % of sales mix)	Item Net Profit	BEF % Amount	BEF Quantity	Column 15	Validation
Greenhouse cover film	ERROR	ERROR			1,323,100 KG		ERROR	ERROR	0%	0.00	ERROR	ERROR	ERROR	ERROR	Kil	ERROR
Thermal shades	ERROR	ERROR			524,000 KG		ERROR	ERROR	0%	0.00	ERROR	ERROR	ERROR	ERROR	Kil	ERROR
Recycled plastic	ERROR	ERROR			711,200 KG		ERROR	ERROR	0%	0.00	ERROR	ERROR	ERROR	ERROR	Kil	ERROR
Total				#DIV/0!			ERROR	ERROR	0.00%	ERROR	ERROR	ERROR	ERROR			ERROR
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Al Bawader for Greenhouse Plastics
Fixed Assets
Currency USD



Item	Source of Finance	Type of Fixed Asset	Description	Quantity	Cost in IL3	Total Cost in IL3	Total Cost in Study Currency	Depreciation Rate	Annual Depreciation	Notes
Construction:										
Land	Equity	Land		8,300	840	#ERROR!	#ERROR!		#ERROR!	
Building construction- Barracks	Equity	Property		1	2,240,000	#ERROR!	#ERROR!	10.00%	#ERROR!	
Pirc system	Equity	Equipment		1	480,000	#ERROR!	#ERROR!	10.00%	#ERROR!	
Lighting system	Equity	Equipment		1	84,000	#ERROR!	#ERROR!	10.00%	#ERROR!	
Solar System (0.5 Mega)	Equity	Equipment		1	1,280,000	#ERROR!	#ERROR!	5.00%	#ERROR!	
Production Line and Equipment:										
Production Line	Debt	Machinery		1	14,682,624	#ERROR!	#ERROR!	10.00%	#ERROR!	
Shipping and Taxes	Equity	Machinery		1	193,600	#ERROR!	#ERROR!	10.00%	#ERROR!	
Roll Lifting and handling	Equity	Machinery		1	154,880	#ERROR!	#ERROR!	10.00%	#ERROR!	
Raw material containers and silos	Equity	Machinery		1	193,600	#ERROR!	#ERROR!	10.00%	#ERROR!	
Installation: Assembly and wiring	Equity	Machinery		1	193,600	#ERROR!	#ERROR!	10.00%	#ERROR!	
Software and electrical infrastructure	Equity	Machinery		1	77,440	#ERROR!	#ERROR!	10.00%	#ERROR!	
Compressor and compressed airliners	Equity	Machinery		1	222,320	#ERROR!	#ERROR!	10.00%	#ERROR!	
Water and air cooling system	Equity	Machinery		1	287,200	#ERROR!	#ERROR!	10.00%	#ERROR!	
Power Generator	Equity	Machinery		1	193,600	#ERROR!	#ERROR!	10.00%	#ERROR!	
Recycling Production Line (including washing and	Equity	Machinery		1	1,056,000	#ERROR!	#ERROR!	10.00%	#ERROR!	
Furniture										
Administrative Offices	Equity	Furniture	LS	1	77,440	#ERROR!	#ERROR!	20.00%	#ERROR!	
Computers and Accessories	Equity	Furniture	LS	1	96,800	#ERROR!	#ERROR!	20.00%	#ERROR!	
Labs										
Inspection Lab	Equity	Research & Develop		1	125,520	#ERROR!	#ERROR!	15.00%	#ERROR!	
Cars and Trucks										
Forklifts	Equity	Vehicles	LS	1	193,600	#ERROR!	#ERROR!	20.00%	#ERROR!	
Cars	Equity	Vehicles	LS	1	774,400	#ERROR!	#ERROR!	20.00%	#ERROR!	
Miscellaneous Tools										
Other Miscellaneous	Equity	Equipment	LS	1	193,600	#ERROR!	#ERROR!	15.00%	#ERROR!	
Total						#ERROR!	#ERROR!	#ERROR!		
Summary						Cost in Study Currency		Annual Depreciation		
Source of Finance						Total Cost				
Equity						#ERROR!	#ERROR!	#ERROR!		
Debt						#ERROR!	#ERROR!	#ERROR!		
Grant						#ERROR!	#ERROR!	#ERROR!		
						#ERROR!	#ERROR!	#ERROR!		

Scenario 2
Currency USD

Item	Source of Finance	Type of Fixed Asset	Description	Quantity	Cost in IL3	Total Cost in IL3	Total Cost in Study Currency	Depreciation Rate	Annual Depreciation	Notes
Construction:						0	#ERROR!		#ERROR!	
Building construction- Barracks	Equity	Property		1	2,240,000	#ERROR!	#ERROR!		#ERROR!	
Pirc system	Equity	Equipment		1	480,000	#ERROR!	#ERROR!		#ERROR!	
Lighting system	Equity	Equipment		1	84,000	#ERROR!	#ERROR!		#ERROR!	
Solar System (0.5 Mega)	Equity	Equipment		1	1,280,000	#ERROR!	#ERROR!		#ERROR!	
Production Line and Equipment:						#ERROR!	#ERROR!		#ERROR!	
Production Line	Equity	Machinery		1	14,682,624	#ERROR!	#ERROR!		#ERROR!	
Shipping and Taxes	Equity	Machinery		1	193,600	#ERROR!	#ERROR!		#ERROR!	
Roll Lifting and handling	Equity	Machinery		1	154,880	#ERROR!	#ERROR!		#ERROR!	
Raw material containers and silos	Equity	Machinery		1	193,600	#ERROR!	#ERROR!		#ERROR!	
Installation: Assembly and wiring	Equity	Machinery		1	193,600	#ERROR!	#ERROR!		#ERROR!	
Software and electrical infrastructure	Equity	Machinery		1	77,440	#ERROR!	#ERROR!		#ERROR!	
Compressor and compressed airliners	Equity	Machinery		1	222,320	#ERROR!	#ERROR!		#ERROR!	
Water and air cooling system	Equity	Machinery		1	287,200	#ERROR!	#ERROR!		#ERROR!	
Power Generator	Equity	Machinery		1	193,600	#ERROR!	#ERROR!		#ERROR!	
Recycling Production Line (including washing and	Equity	Machinery		1	1,056,000	#ERROR!	#ERROR!		#ERROR!	
Furniture						#ERROR!	#ERROR!		#ERROR!	
Administrative Offices	Equity	Furniture	LS	1	77,440	#ERROR!	#ERROR!		#ERROR!	
Computers and Accessories	Equity	Furniture	LS	1	96,800	#ERROR!	#ERROR!		#ERROR!	
Labs						#ERROR!	#ERROR!		#ERROR!	
Inspection Lab	Equity	Research & Develop		1	125,520	#ERROR!	#ERROR!		#ERROR!	
Cars and Trucks						#ERROR!	#ERROR!		#ERROR!	
Forklifts	Equity	Vehicles	LS	1	193,600	#ERROR!	#ERROR!		#ERROR!	
Cars	Equity	Vehicles	LS	1	774,400	#ERROR!	#ERROR!		#ERROR!	
Miscellaneous Tools						#ERROR!	#ERROR!		#ERROR!	
Other Miscellaneous	Equity	Equipment	LS	1	193,600	#ERROR!	#ERROR!		#ERROR!	
Total						#ERROR!	#ERROR!		#ERROR!	
Summary						Cost in Study Currency		Total Cost		Annual Depreciation
Source of Finance						Total Cost				
Equity						#ERROR!	#ERROR!	#ERROR!		
Debt						#ERROR!	#ERROR!	#ERROR!		
Grant						#ERROR!	#ERROR!	#ERROR!		

Scenario 3
Currency USD

Item	Source of Finance	Type of Fixed Asset	Description	Quantity	Cost in IL3	Total Cost in IL3	Total Cost in Study Currency	Depreciation Rate	Annual Depreciation	Notes
Construction:										
Building construction- Barracks	Equity	Property		1	2,240,000	#ERROR!	#ERROR!		#ERROR!	
Pirc system	Equity	Equipment		1	480,000	#ERROR!	#ERROR!		#ERROR!	
Lighting system	Equity	Equipment		1	84,000	#ERROR!	#ERROR!		#ERROR!	
Solar System (0.5 Mega)	Equity	Equipment		1	1,280,000	#ERROR!	#ERROR!		#ERROR!	
Production Line and Equipment:										
Production Line	Equity	Machinery		1	14,682,624	#ERROR!	#ERROR!		#ERROR!	
Shipping and Taxes	Equity	Machinery		1	193,600	#ERROR!	#ERROR!	10.00%	#ERROR!	
Roll lifting and handling	Equity	Machinery		1	154,880	#ERROR!	#ERROR!	10.00%	#ERROR!	
Raw material containers and silos	Equity	Machinery		1	193,600	#ERROR!	#ERROR!	10.00%	#ERROR!	
Installation: Assembly and wiring	Equity	Machinery		1	193,600	#ERROR!	#ERROR!		#ERROR!	
Software and electrical infrastructure	Equity	Machinery		1	77,440	#ERROR!	#ERROR!		#ERROR!	
Compressor and compressed airliners	Equity	Machinery		1	222,320	#ERROR!	#ERROR!		#ERROR!	
Water and air cooling system	Equity	Machinery		1	287,200	#ERROR!	#ERROR!		#ERROR!	
Power Generator	Equity	Machinery		1	193,600	#ERROR!	#ERROR!		#ERROR!	
Recycling Production Line (including washing and	Equity	Machinery		1	1,056,000	#ERROR!	#ERROR!		#ERROR!	
Furniture										
Administrative Offices	Equity	Furniture	LS	1	77,440	#ERROR!	#ERROR!		#ERROR!	
Computers and Accessories	Equity	Furniture	LS	1	96,800	#ERROR!	#ERROR!		#ERROR!	
Labs										
						#ERROR!	#ERROR!		#ERROR!	

Inspection Lab	Equity	Research & Develop	1	125,530	#ERROR!	#ERROR!	#ERROR!
					#ERROR!	#ERROR!	#ERROR!
Cars and Trucks	Equity	Vehicles	12	1	192,600	#ERROR!	#ERROR!
Forklifts	Equity	Vehicles	12	1	774,400	#ERROR!	#ERROR!
Cars					#ERROR!	#ERROR!	#ERROR!
Miscellaneous Tools	Equity	Equipment	12	1	192,600	#ERROR!	#ERROR!
Other Miscellaneous					#ERROR!	#ERROR!	#ERROR!
Total					#ERROR!	#ERROR!	#ERROR!
Summary							
Source of Finance				Cost in Study	Total Cost	Annual Depreciation	
Equity				#ERROR!	#ERROR!	#ERROR!	
Debt				#ERROR!	#ERROR!	#ERROR!	
Grant				#ERROR!	#ERROR!	#ERROR!	

The screenshot displays a complex spreadsheet application. On the left, there is a sidebar with several icons representing different functions or data sources. The main area of the spreadsheet is filled with multiple columns and rows of data. The columns are color-coded: some are light blue, some are light green, and some are light yellow. The rows are also color-coded, with alternating light blue and light green. The data appears to be organized into several distinct sections or tables, each with its own set of headers and data rows. The overall layout is dense and structured, typical of a professional data analysis tool.

WACC Calculator			
Scenario 1			
Al Bawader Capital Structure			
Debt %			0.00%
Equity %			0.00%
Grant %			0.00%
Debt / (Equity+Grant)			#DIV/0!
Cost of Equity			
Risk Free Rate	US Department of Trea:		3.60%
Equity Risk Premium	Palestinian Authority		5.84%
Unlevered Beta (Based on comparable companies)	Farming/Agriculture		0.85
Levered Beta	Palestinian Authority		#DIV/0!
Cost of Equity			#DIV/0!
Cost of Debt			
Cost of Debt			7.00%
Tax Rate			15.00%
After Tax Cost of Debt			5.95%
Cost of Grant (Assumption)			0.00%
WACC (Scenario 1)			#DIV/0!

Country	Moody's rating	Adj. Default Spread	Country Risk Premium	Equity Risk Premium	Country Risk Premium
Abu Dhabi	Aa2	0.00	0.00	0.05	0.00
Albania	B1	0.04	0.04	0.09	0.04
Algeria	NR	0.06	0.06	0.11	0.06
Andorra (Principality of)	Baa2	0.02	0.02	0.06	0.02
Angola	B3	0.06	0.06	0.11	0.06
Anguilla	NR	0.06	0.07	0.11	0.07
Antigua & Barbuda	NR	0.06	0.07	0.11	0.07
Argentina	Ca	0.10	0.12	0.16	0.12
Armenia	Ba3	0.03	0.04	0.08	0.04
Aruba	Baa2	0.02	0.02	0.06	0.02
Australia	Aaa	0.00	0.00	0.04	0.00
Austria	Aa1	0.00	0.00	0.05	0.00
Azerbaijan	Ba2	0.03	0.03	0.07	0.03
Bahamas	Ba3	0.03	0.04	0.08	0.04
Bahrain	B2	0.05	0.05	0.10	0.05
Bangladesh	Ba3	0.03	0.04	0.08	0.04
Barbados	Caa1	0.06	0.07	0.12	0.07
Belarus	B3	0.06	0.06	0.11	0.06
Belgium	Aa3	0.01	0.01	0.05	0.01
Belize	Caa3	0.09	0.10	0.14	0.10
Benin	B1	0.04	0.04	0.09	0.04
Bermuda	A2	0.01	0.01	0.05	0.01
Bolivia	B2	0.05	0.05	0.10	0.05
Bosnia and Herzegovina	B3	0.06	0.06	0.11	0.06
Botswana	A3	0.01	0.01	0.05	0.01
Brazil	Ba2	0.03	0.03	0.07	0.03
British Virgin Islands	NR	0.06	0.07	0.11	0.07
Brunei	NR	0.01	0.01	0.05	0.01
Bulgaria	Baa1	0.01	0.02	0.06	0.02
Burkina Faso	B2	0.05	0.05	0.10	0.05
Cambodia	B2	0.05	0.05	0.10	0.05
Cameroon	B2	0.05	0.05	0.10	0.05
Canada	Aaa	0.00	0.00	0.04	0.00
Cape Verde	B3	0.06	0.06	0.11	0.06
Cayman Islands	Aa3	0.01	0.01	0.05	0.01
Channel Islands	NR	0.01	0.01	0.05	0.01
Chile	A1	0.01	0.01	0.05	0.01
China	A1	0.01	0.01	0.05	0.01
Colombia	Baa2	0.02	0.02	0.06	0.02
Congo (Democratic Republic)	Caa1	0.06	0.07	0.12	0.07
Congo (Republic of)	Caa2	0.08	0.09	0.13	0.09
Cook Islands	B1	0.04	0.04	0.09	0.04
Costa Rica	B2	0.05	0.05	0.10	0.05

Croatia	Ba1	0.02	0.02	0.07	0.02
Cuba	Ca	0.10	0.12	0.16	0.12
Curacao	Baa2	0.02	0.02	0.06	0.02
Cyprus	Ba1	0.02	0.02	0.07	0.02
Czech Republic	Aa3	0.01	0.01	0.05	0.01
Denmark	Aaa	0.00	0.00	0.04	0.00
Dominican Republic	Ba3	0.03	0.04	0.08	0.04
Ecuador	Caa3	0.09	0.10	0.14	0.10
Egypt	B2	0.05	0.05	0.10	0.05
El Salvador	Caa1	0.06	0.07	0.12	0.07
Estonia	A1	0.01	0.01	0.05	0.01
Ethiopia	Caa2	0.08	0.09	0.13	0.09
Falkland Islands	NR	0.06	0.07	0.11	0.07
Fiji	B1	0.04	0.04	0.09	0.04
Finland	Aa1	0.00	0.00	0.05	0.00
France	Aa2	0.00	0.00	0.05	0.00
French Guiana	NR	0.03	0.04	0.08	0.04
Gabon	Caa1	0.06	0.07	0.12	0.07
Gambia	NR	0.05	0.05	0.10	0.05
Georgia	Ba2	0.03	0.03	0.07	0.03
Germany	Aaa	0.00	0.00	0.04	0.00
Ghana	B3	0.06	0.06	0.11	0.06
Gibraltar	NR	0.01	0.01	0.05	0.01
Greece	Ba3	0.03	0.04	0.08	0.04
Greenland	NR	0.01	0.01	0.05	0.01
Guatemala	Ba1	0.02	0.02	0.07	0.02
Guernsey	Aa3	0.01	0.01	0.05	0.01
Guinea	NR	0.08	0.09	0.13	0.09
Guinea-Bissau	NR	0.06	0.06	0.11	0.06
Guyana	NR	0.04	0.04	0.09	0.04
Haiti	NR	0.09	0.10	0.14	0.10
Honduras	B1	0.04	0.04	0.09	0.04
Hong Kong	Aa3	0.01	0.01	0.05	0.01
Hungary	Baa2	0.02	0.02	0.06	0.02
Iceland	A2	0.01	0.01	0.05	0.01
India	Baa3	0.02	0.02	0.06	0.02
Indonesia	Baa2	0.02	0.02	0.06	0.02
Iran	NR	0.06	0.06	0.11	0.06
Iraq	Caa1	0.06	0.07	0.12	0.07
Ireland	A2	0.01	0.01	0.05	0.01
Isle of Man	Aa3	0.01	0.01	0.05	0.01
Israel	A1	0.01	0.01	0.05	0.01
Italy	Baa3	0.02	0.02	0.06	0.02
Ivory Coast	Ba3	0.03	0.04	0.08	0.04
Jamaica	B2	0.05	0.05	0.10	0.05
Japan	A1	0.01	0.01	0.05	0.01

Jersey	Aaa	0.00	0.00	0.04	0.00
Jordan	B1	0.04	0.04	0.09	0.04
Kazakhstan	Baa2	0.02	0.02	0.06	0.02
Kenya	B2	0.05	0.05	0.10	0.05
Korea, D.P.R.	NR	0.10	0.12	0.16	0.12
Kuwait	A1	0.01	0.01	0.05	0.01
Kyrgyzstan	B2	0.05	0.05	0.10	0.05
Laos	Caa2	0.08	0.09	0.13	0.09
Latvia	A3	0.01	0.01	0.05	0.01
Lebanon	C	0.18	0.20	0.25	0.20
Liberia	NR	0.08	0.09	0.13	0.09
Libya	NR	0.04	0.04	0.09	0.04
Liechtenstein	Aaa	0.00	0.00	0.04	0.00
Lithuania	A2	0.01	0.01	0.05	0.01
Luxembourg	Aaa	0.00	0.00	0.04	0.00
Macao	Aa3	0.01	0.01	0.05	0.01
Macedonia	Ba3	0.03	0.04	0.08	0.04
Madagascar	NR	0.06	0.06	0.11	0.06
Malawi	NR	0.08	0.09	0.13	0.09
Malaysia	A3	0.01	0.01	0.05	0.01
Maldives	Caa1	0.06	0.07	0.12	0.07
Mali	Caa1	0.06	0.07	0.12	0.07
Malta	A2	0.01	0.01	0.05	0.01
Martinique	NR	0.03	0.04	0.08	0.04
Mauritius	Baa2	0.02	0.02	0.06	0.02
Mexico	Baa1	0.01	0.02	0.06	0.02
Moldova	B3	0.06	0.06	0.11	0.06
Mongolia	B3	0.06	0.06	0.11	0.06
Montenegro	B1	0.04	0.04	0.09	0.04
Montserrat	Baa3	0.02	0.02	0.06	0.02
Morocco	Ba1	0.02	0.02	0.07	0.02
Mozambique	Caa2	0.08	0.09	0.13	0.09
Myanmar	NR	0.10	0.12	0.16	0.12
Namibia	Ba3	0.03	0.04	0.08	0.04
Netherlands	Aaa	0.00	0.00	0.04	0.00
Netherlands Antilles	NR	0.06	0.07	0.11	0.07
New Zealand	Aaa	0.00	0.00	0.04	0.00
Nicaragua	B3	0.06	0.06	0.11	0.06
Niger	B3	0.06	0.06	0.11	0.06
Nigeria	B2	0.05	0.05	0.10	0.05
Norway	Aaa	0.00	0.00	0.04	0.00
Oman	Ba3	0.03	0.04	0.08	0.04
Pakistan	B3	0.06	0.06	0.11	0.06
Palestinian Authority	NR	0.01	0.02	0.06	0.02
Panama	Baa2	0.02	0.02	0.06	0.02
Papua New Guinea	B2	0.05	0.05	0.10	0.05

Paraguay	Ba1	0.02	0.02	0.07	0.02
Peru	Baa1	0.01	0.02	0.06	0.02
Philippines	Baa2	0.02	0.02	0.06	0.02
Poland	A2	0.01	0.01	0.05	0.01
Portugal	Baa2	0.02	0.02	0.06	0.02
Qatar	Aa3	0.01	0.01	0.05	0.01
Ras Al Khaimah (Emirate of)	A3	0.01	0.01	0.05	0.01
Reunion	NR	0.05	0.05	0.09	0.05
Romania	Baa3	0.02	0.02	0.06	0.02
Russia	Baa3	0.02	0.02	0.06	0.02
Rwanda	B2	0.05	0.05	0.10	0.05
Saint Lucia	NR	0.06	0.07	0.11	0.07
Saudi Arabia	A1	0.01	0.01	0.05	0.01
Senegal	Ba3	0.03	0.04	0.08	0.04
Serbia	Ba2	0.03	0.03	0.07	0.03
Sharjah	Baa3	0.02	0.02	0.06	0.02
Sierra Leone	NR	0.09	0.10	0.14	0.10
Singapore	Aaa	0.00	0.00	0.04	0.00
Slovakia	A2	0.01	0.01	0.05	0.01
Slovenia	A3	0.01	0.01	0.05	0.01
Solomon Islands	Caa1	0.06	0.07	0.12	0.07
Somalia	NR	0.10	0.12	0.16	0.12
South Africa	Ba2	0.03	0.03	0.07	0.03
South Korea	Aa2	0.00	0.00	0.05	0.00
Spain	Baa1	0.01	0.02	0.06	0.02
Sri Lanka	Caa2	0.08	0.09	0.13	0.09
St. Maarten	Ba2	0.03	0.03	0.07	0.03
St. Vincent & the Grenadines	B3	0.06	0.06	0.11	0.06
Sudan	NR	0.18	0.20	0.25	0.20
Suriname	Caa3	0.09	0.10	0.14	0.10
Swaziland	B3	0.06	0.06	0.11	0.06
Sweden	Aaa	0.00	0.00	0.04	0.00
Switzerland	Aaa	0.00	0.00	0.04	0.00
Syria	NR	0.18	0.20	0.25	0.20
Taiwan	Aa3	0.01	0.01	0.05	0.01
Tajikistan	B3	0.06	0.06	0.11	0.06
Tanzania	B2	0.05	0.05	0.10	0.05
Thailand	Baa1	0.01	0.02	0.06	0.02
Togo	B3	0.06	0.06	0.11	0.06
Trinidad and Tobago	Ba2	0.03	0.03	0.07	0.03
Tunisia	Caa1	0.06	0.07	0.12	0.07
Turkey	B2	0.05	0.05	0.10	0.05
Turks and Caicos Islands	Baa1	0.01	0.02	0.06	0.02
Uganda	B2	0.05	0.05	0.10	0.05

Ukraine	B3	0.06	0.06	0.11	0.06
United Arab Emirates	Aa2	0.00	0.00	0.05	0.00
United Kingdom	Aa3	0.01	0.01	0.05	0.01
United States	Aaa	0.00	0.00	0.04	0.00
Uruguay	Baa2	0.02	0.02	0.06	0.02
Uzbekistan	B1	0.04	0.04	0.09	0.04
Venezuela	C	0.18	0.20	0.25	0.20
Vietnam	Ba3	0.03	0.04	0.08	0.04
Yemen	NR	0.10	0.12	0.16	0.12
Zambia	Ca	0.10	0.12	0.16	0.12
Zimbabwe	NR	0.06	0.07	0.12	0.07

Industry Name	Number of firms	Beta	D/E Ratio	Effective Tax rate	Unlevered beta	Cash/Firm value	Unlevered beta corrected for cash	HiLo Risk	Standard deviation of equity	Standard deviation in operating income (last 10 years)	2018	2019	2020	2021	Average (2017-22)
Advertising	49.00	1.34	0.51	0.06	0.97	0.12	1.10	0.67	0.57	0.14	0.78	0.87	0.93	0.77	0.89
Aerospace/Defense	73.00	1.28	0.29	0.07	1.05	0.05	1.11	0.48	0.38	0.20	0.99	1.09	1.08	0.91	1.04
Air Transport	21.00	1.58	1.53	0.05	0.75	0.18	0.91	0.40	0.40	1.62	0.67	0.63	0.84	0.91	0.80
Apparel	39.00	1.23	0.32	0.12	1.00	0.09	1.10	0.49	0.43	0.21	0.85	0.76	0.83	0.94	0.90
Auto & Truck	26.00	1.13	0.20	0.04	0.99	0.03	1.02	0.60	0.55	0.35	0.59	0.34	0.53	1.05	0.71
Auto Parts	38.00	1.40	0.32	0.14	1.14	0.06	1.21	0.48	0.37	0.27	0.92	0.97	0.95	1.09	1.03
Bank (Money Center)	7.00	1.12	1.70	0.15	0.50	0.52	1.03	0.24	0.22	NA	0.32	0.43	0.56	0.59	0.59
Banks (Regional)	563.00	0.70	0.35	0.19	0.56	0.34	0.84	0.21	0.20	1.19	0.39	0.40	0.43	0.60	0.53
Beverage (Alcoholic)	21.00	0.82	0.21	0.08	0.71	0.02	0.72	0.56	0.38	0.39	1.12	1.05	0.92	0.67	0.90
Beverage (Soft)	32.00	1.22	0.17	0.05	1.08	0.03	1.12	0.72	0.48	0.06	0.63	1.04	1.09	0.71	0.92
Broadcasting	28.00	1.35	1.17	0.12	0.73	0.10	0.81	0.54	0.49	0.31	0.65	0.51	0.73	0.65	0.67
Brokerage & Investment Banking	31.00	1.17	1.82	0.15	0.50	0.25	0.67	0.44	0.32	0.48	0.54	0.46	0.57	0.57	0.56
Building Materials	44.00	1.19	0.19	0.17	1.04	0.04	1.09	0.36	0.35	0.53	0.99	0.91	1.02	0.97	1.00
Business & Consumer Services	160.00	1.09	0.22	0.10	0.94	0.05	0.99	0.52	0.41	0.14	1.01	1.00	0.89	0.83	0.94
Cable TV	11.00	0.93	0.60	0.18	0.65	0.02	0.66	0.36	0.20	0.28	0.67	0.76	0.78	0.70	0.71
Chemical (Basic)	35.00	1.16	0.45	0.10	0.88	0.07	0.94	0.53	0.45	0.32	0.96	1.12	0.99	0.76	0.96
Chemical (Diversified)	4.00	1.50	0.47	0.04	1.12	0.08	1.21	0.38	0.37	0.46	1.79	1.49	1.21	1.03	1.35
Chemical (Specialty)	81.00	1.10	0.19	0.10	0.97	0.03	1.00	0.49	0.41	0.08	0.95	0.99	0.96	0.82	0.94
Coal & Related Energy	18.00	0.92	0.42	0.01	0.70	0.14	0.82	0.66	0.59	NA	1.04	0.97	1.05	0.56	0.89
Computer Services	83.00	1.20	0.27	0.08	1.00	0.05	1.06	0.61	0.48	0.19	0.94	1.05	0.95	0.94	0.99
Computers/Peripherals	46.00	1.29	0.08	0.05	1.22	0.02	1.25	0.55	0.51	0.12	0.93	1.50	1.64	1.14	1.29
Construction Supplies	48.00	1.11	0.28	0.13	0.92	0.06	0.98	0.41	0.40	0.20	0.95	1.15	1.10	0.87	1.01
Diversified	22.00	0.75	0.23	0.07	0.65	0.08	0.70	0.59	0.30	0.43	1.01	1.14	1.25	0.89	1.00
Drugs (Biotechnology)	581.00	0.99	0.15	0.01	0.89	0.08	0.97	0.59	0.51	0.35	1.36	1.43	1.39	0.85	1.20
Drugs (Pharmaceutical)	298.00	1.08	0.15	0.02	0.97	0.04	1.01	0.66	0.56	0.07	1.13	1.38	1.29	0.84	1.13
Education	35.00	1.13	0.26	0.08	0.95	0.14	1.10	0.56	0.42	0.15	0.96	1.11	1.36	1.07	1.12
Electrical Equipment	104.00	1.25	0.14	0.05	1.13	0.05	1.19	0.63	0.58	0.12	1.02	1.18	1.31	1.00	1.14
Electronics (Consumer & Office)	16.00	0.98	0.08	0.05	0.92	0.13	1.06	0.63	0.53	4.02	1.08	1.22	1.25	1.01	1.12
Electronics (General)	137.00	1.09	0.13	0.07	0.99	0.06	1.05	0.50	0.43	0.22	0.91	0.96	1.07	0.86	0.97
Engineering/Construction	48.00	1.06	0.26	0.14	0.89	0.08	0.97	0.45	0.36	0.13	1.13	0.81	1.33	0.95	1.04
Entertainment	108.00	1.01	0.15	0.03	0.91	0.06	0.96	0.71	0.60	0.33	0.96	1.21	1.20	0.84	1.04
Environmental & Waste Services	58.00	1.24	0.21	0.06	1.08	0.01	1.09	0.62	0.43	0.11	0.70	0.96	1.05	0.82	0.92
Farming/Agriculture	36.00	1.03	0.37	0.08	0.81	0.04	0.85	0.56	0.46	0.18	0.56	0.50	0.63	0.68	0.64
Financial Svcs. (Non bank & Insurance)	223.00	0.93	7.26	0.16	0.15	0.03	0.15	0.34	0.29	0.42	0.07	0.08	0.10	0.11	0.10
Food Processing	92.00	0.75	0.31	0.11	0.61	0.03	0.63	0.47	0.28	0.19	0.56	0.61	0.70	0.53	0.61
Food Wholesalers	15.00	1.40	0.47	0.09	1.04	0.04	1.08	0.47	0.54	0.28	1.41	1.23	0.66	0.80	1.04
Furn/Home Furnishings	32.00	1.11	0.29	0.12	0.92	0.08	0.99	0.52	0.45	0.23	0.67	0.67	0.82	0.78	0.79
Green & Renewable Energy	20.00	1.59	0.67	0.01	1.07	0.02	1.10	0.70	0.82	1.02	0.72	0.80	0.59	0.68	0.78
Healthcare Products	244.00	0.94	0.09	0.04	0.88	0.03	0.91	0.52	0.44	0.23	0.89	1.04	0.98	0.80	0.92
Healthcare Support Services	131.00	1.06	0.25	0.08	0.90	0.06	0.95	0.55	0.47	0.27	0.82	1.03	0.95	0.74	0.90
Healthcare Information and Technology	142.00	0.94	0.10	0.04	0.88	0.03	0.91	0.54	0.46	0.30	0.88	1.18	1.15	0.75	0.97
Homebuilding	29.00	1.69	0.22	0.19	1.45	0.08	1.59	0.38	0.39	0.64	0.89	0.72	0.66	1.33	1.04
Hospitals/Healthcare Facilities	31.00	1.41	0.71	0.09	0.93	0.03	0.96	0.51	0.52	0.15	0.51	0.55	0.63	0.80	0.69
Hotel/Gaming	66.00	1.79	0.46	0.06	1.34	0.07	1.44	0.47	0.44	0.82	0.74	0.71	0.91	1.19	1.00
Household Products	118.00	0.98	0.13	0.06	0.90	0.02	0.92	0.64	0.59	0.06	0.88	1.00	0.94	0.68	0.88
Information Services	79.00	1.25	0.10	0.11	1.16	0.03	1.20	0.48	0.46	0.29	0.82	1.05	1.03	0.97	1.01
Insurance (General)	23.00	0.92	0.27	0.11	0.77	0.05	0.81	0.43	0.37	0.34	0.63	0.67	0.59	0.56	0.65
Insurance (Life)	24.00	1.22	0.93	0.14	0.73	0.17	0.88	0.31	0.32	0.15	0.81	0.70	0.73	0.64	0.75
Insurance (Prop/Cas.)	52.00	0.86	0.23	0.13	0.74	0.06	0.78	0.30	0.29	0.30	0.73	0.65	0.59	0.58	0.67
Investments & Asset Management	687.00	1.05	0.28	0.01	0.87	0.10	0.97	0.15	0.32	0.12	0.87	0.87	0.86	0.78	0.87
Machinery	111.00	1.25	0.14	0.11	1.13	0.04	1.18	0.44	0.35	0.15	1.04	1.01	1.10	0.96	1.06
Metals & Mining	74.00	1.17	0.18	0.02	1.04	0.08	1.13	0.69	0.68	0.43	0.96	1.11	1.09	0.82	1.02
Office Equipment & Services	18.00	1.38	0.48	0.09	1.02	0.08	1.11	0.44	0.31	0.12	1.10	1.33	1.24	0.83	1.12
Oil/Gas (Integrated)	4.00	1.47	0.27	0.19	1.23	0.02	1.25	0.36	0.29	1.00	1.25	1.06	1.12	0.98	1.13
Oil/Gas (Production and Exploration)	183.00	1.32	0.31	0.02	1.08	0.05	1.13	0.67	0.55	2.21	1.00	1.07	1.08	0.81	1.02
Oil/Gas Distribution	21.00	1.40	0.87	0.10	0.85	0.01	0.86	0.41	0.45	0.39	0.72	0.62	0.62	0.60	0.68
Oilfield Svcs/Equip.	100.00	1.50	0.54	0.04	1.07	0.09	1.18	0.55	0.50	0.62	1.06	1.07	1.22	0.83	1.07
Packaging & Container	26.00	1.01	0.50	0.17	0.74	0.05	0.78	0.35	0.26	0.11	0.55	0.74	0.68	0.68	0.68
Paper/Forest Products	11.00	1.21	0.41	0.12	0.93	0.07	1.00	0.46	0.31	0.53	0.98	1.17	1.25	0.96	1.07
Power	50.00	0.83	0.72	0.16	0.55	0.02	0.56	0.24	0.19	0.09	0.32	0.35	0.38	0.43	0.41
Precious Metals	76.00	0.99	0.12	0.03	0.91	0.08	0.99	0.75	0.56	0.74	0.95	1.15	1.33	0.75	1.03
Publishing & Newspapers	21.00	1.69	0.37	0.12	1.34	0.09	1.46	0.45	0.31	0.13	0.83	0.90	0.76	1.10	1.01
R.E.I.T.	238.00	1.35	0.54	0.02	0.97	0.02	0.99	0.25	0.33	0.24	0.42	0.41	0.43	0.79	0.61
Real Estate (Development)	19.00	1.06	0.80	0.03	0.67	0.10	0.74	0.68	0.51	0.77	0.61	0.87	0.89	0.56	0.74
Real Estate (General/Diversified)	10.00	0.91	0.26	0.10	0.76	0.09	0.83	0.55	0.31	1.37	0.73	1.33	1.50	0.76	1.03
Real Estate (Operations & Services)	51.00	1.15	0.56	0.07	0.81	0.07	0.87	0.54	0.41	1.03	0.80	0.95	0.68	0.75	0.81
Recreation	60.00	1.23	0.30	0.08	1.01	0.06	1.07	0.54	0.50	0.12	0.73	0.81	0.75	0.77	0.83

Industry Name	Number of firms	Beta	D/E Ratio	Effective Tax rate	Unlevered beta	Cash/Firm value	Unlevered beta corrected for cash	HiLo Risk	Standard deviation of equity	Standard deviation in operating income (last 10 years)	2018	2019	2020	2021	Average (2017-22)
Reinsurance	2.00	1.37	0.39	0.23	1.07	0.18	1.30	0.16	0.26	0.32	0.47	0.88	0.77	1.13	0.91
Restaurant/Dining	70.00	1.56	0.27	0.07	1.30	0.03	1.33	0.47	0.43	0.14	0.70	0.65	0.75	1.11	0.91
Retail (Automotive)	32.00	1.40	0.39	0.14	1.09	0.03	1.12	0.50	0.44	0.19	0.65	0.76	0.87	0.99	0.88
Retail (Building Supply)	16.00	1.52	0.13	0.16	1.39	0.02	1.42	0.44	0.45	0.30	0.76	0.97	1.15	1.43	1.15
Retail (Distributors)	68.00	1.28	0.32	0.12	1.04	0.03	1.06	0.51	0.43	0.21	0.87	0.99	0.89	0.75	0.91
Retail (General)	16.00	1.12	0.16	0.18	1.00	0.04	1.04	0.39	0.34	0.07	0.87	0.75	0.95	0.81	0.88
Retail (Grocery and Food)	15.00	0.30	0.68	0.13	0.20	0.06	0.21	0.41	0.34	0.32	0.44	0.28	0.35	0.15	0.29
Retail (Online)	60.00	1.10	0.08	0.05	1.04	0.02	1.07	0.56	0.59	0.76	1.12	1.34	1.16	1.14	1.17
Retail (Special Lines)	76.00	1.44	0.35	0.15	1.15	0.06	1.23	0.48	0.46	0.20	0.82	0.80	0.69	1.03	0.91
Rubber& Tires	2.00	1.16	1.55	0.17	0.54	0.08	0.59	0.56	0.47	0.50	0.64	0.24	0.45	0.54	0.49
Semiconductor	67.00	1.16	0.07	0.07	1.11	0.02	1.14	0.46	0.37	0.31	1.16	1.26	1.24	0.96	1.15
Semiconductor Equip	34.00	1.34	0.05	0.09	1.29	0.04	1.34	0.43	0.33	0.56	0.99	1.39	1.25	1.07	1.21
Shipbuilding & Marine	8.00	0.99	0.38	0.03	0.78	0.03	0.80	0.52	0.51	0.24	1.01	0.78	1.57	0.74	0.98
Shoe	12.00	1.19	0.06	0.10	1.14	0.04	1.19	0.45	0.35	0.18	0.86	0.74	0.83	0.98	0.92
Software (Entertainment)	88.00	1.20	0.02	0.02	1.19	0.02	1.21	0.70	0.55	0.58	0.91	1.27	1.29	0.96	1.13
Software (Internet)	36.00	1.00	0.08	0.01	0.95	0.02	0.98	0.61	0.38	0.26	1.20	1.31	1.50	0.75	1.15
Software (System & Application)	375.00	1.14	0.06	0.03	1.10	0.02	1.12	0.56	0.46	0.25	1.02	1.16	1.15	0.89	1.07
Steel	28.00	1.13	0.33	0.13	0.91	0.07	0.98	0.44	0.33	0.47	1.53	1.29	1.29	0.78	1.18
Telecom (Wireless)	17.00	0.96	0.78	0.03	0.61	0.02	0.63	0.60	0.48	0.67	0.71	0.71	0.60	0.39	0.61
Telecom. Equipment	82.00	1.08	0.09	0.05	1.02	0.04	1.06	0.55	0.41	0.15	0.96	1.02	0.84	0.83	0.94
Telecom. Services	42.00	0.85	1.00	0.06	0.49	0.04	0.51	0.60	0.39	0.26	0.72	0.74	0.67	0.42	0.61
Tobacco	16.00	1.00	0.26	0.08	0.84	0.03	0.86	0.66	0.25	0.06	1.15	1.13	1.43	0.61	1.04
Transportation	17.00	0.79	0.23	0.14	0.68	0.05	0.72	0.47	0.28	0.24	0.80	0.90	0.96	0.79	0.83
Transportation (Railroads)	4.00	0.73	0.20	0.17	0.64	0.01	0.65	0.35	0.16	0.12	0.87	2.08	1.89	0.74	1.25
Trucking	34.00	1.44	0.26	0.16	1.21	0.06	1.28	0.46	0.33	1.49	0.81	0.71	1.04	0.94	0.96
Utility (General)	16.00	0.89	0.69	0.10	0.59	0.01	0.60	0.14	0.19	0.09	0.20	0.17	0.19	0.48	0.33
Utility (Water)	14.00	0.77	0.34	0.10	0.61	0.00	0.61	0.32	0.41	0.14	0.27	0.32	0.57	0.57	0.47
Total Market	7,229.00	1.09	0.40	0.07	0.85	0.07	0.91	0.47	0.41	0.10	0.72	0.80	0.83	0.75	0.80
Total Market (without financials)	5,619.00	1.15	0.20	0.06	1.00	0.04	1.04	0.54	0.45	0.10	0.90	1.00	1.01	0.86	0.96

Mortgage Loan Payments

Enter Values						Loan Summary				
Loan Amount		#ERROR!				Scheduled Payment		#ERROR!		
Annual Interest Rate		7.00%				Scheduled Number of Payments		#ERROR!		
Loan Period in Years		10				Actual Number of Payments		#ERROR!		
Number of Payments Per Year		12				Total Early Payments		#ERROR!		
Start Date of Loan		June 1, 2022				Total Interest		#ERROR!		
Optional Extra Payments						Flat Interest Rate		0.00 %		
Currency		USD				Total Amount:		0.00		
PmtNo.	Month	Payment Date	Beginning Balance	Scheduled Payment	Extra Payment	Total Payment	Principal	Interest	Ending Balance	Cumulative Interest
#ERROR!	Month 1	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!	#ERROR!
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