

3. Direct Costs

3.1 Raw materials

Deposit	tons	1,710
Firing	tons	1,368
% of raw materials for opening	%	30.0%
Cost of raw materials	\$ / ton	2.00
DIO for stocking	days	

3.2 Water

Water (% on fired product)	%	15.0%
Cost of water	\$ / ton	1.00

3.3 Electricity

Electricity cost	\$ / kwh	0.094
Consumption	Kwh / ton	55

3.4 Fuel

Fuel mix		
Fuel 1	#	Gas
Fuel 2	#	Gas
Fuel 1	%	100.0%
Fuel 2	%	0.0%

		Cal. Val
Gas	m3	8,000
Diesel	lit	10,000
LPG	m3	11,000
Coal	kgr	5,100
Heavy oil	lit	9,600
Pet-coke	kgr	7,500
Coal gas	m3	1,500
Saw dust /wood	kgr	3,500
Other gas	m3	3,500

		Cost
Gas	\$ / m3	0.25
Diesel	\$ / lit	0.90
LPG	\$ / m3	0.80
Coal	\$ / kgr	0.023
Heavy oil	\$ / lit	0.29
Pet-coke	\$ / kgr	0.16
Coal gas	\$ / m3	0.44
Saw dust /wood	\$ / kgr	0.23
Other gas	\$ / m3	0.84

Fuel consumption	kcal/kgr	380
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150	180	180	180	180	180	180	180	180	180
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Recommended

	Recommended	Cal. Val	Deviation	Message
Gas	9,000	8,000	-11%	OK
Diesel	10,000	10,000	0%	OK
LPG	11,000	11,000	0%	OK
Coal	4,500	5,100	13%	OK
Heavy oil	9,200	9,600	4%	OK
Pet-coke	7,500	7,500	0%	OK
Coal gas	1,500	1,500	0%	OK
Saw dust /wood	3,500	3,500	0%	OK
Other gas	3,500	3,500	0%	OK

4. Operating expenses			
4.1 Admin personnel			
Insurance as a % of avg. cost per month	%		46.0%
Number of salaries per year	%		13
Role		Number	
Accounting			2
Secretary			1
General Manager			1
Role		Avg. cost per month	
Accounting			700
Secretary			500
General Manager			5,000
4.2 Selling costs			
As a % of revenues	%		3
4.3 Other costs			
Other costs	\$ 000		60

Annual change in avg cost per month											
2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%

3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
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60	60	60	60	60	60	60	60	60	60	60	60
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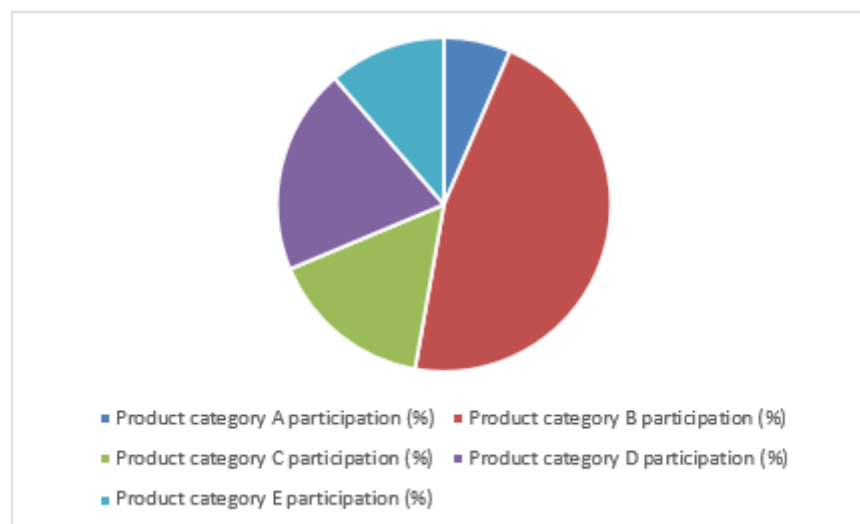
5. Fixed assets			
5.1 Acquisition cost / cost of investment			
Land		0.0%	-
Buildings		14.9%	2,538
Machinery		67.2%	11,419
Vehicles		2.0%	333
Furniture		0.0%	-
Other assets		16.0%	2,712
			17,000,000
5.2 Useful life			
		Useful life	Recommended useful life
Land	years		0
Buildings	years	40	30 - 50
Machinery	years	20	10 - 20
Vehicles	years	10	5 - 10
Furniture	years	10	10 - 20
Other assets	years	10	10 - 20

10 . Debt			
10.1 Long term debt			
Initial amount		16,983	
Fixed principle			
Fixed instalment			
Bullet			
Manual principal			
Repayment style	#	Fixed instalment	
Grace Period Flag	years	1	
Loan tenor (duration)	years	9	
Drawdown	\$ 000	-	
Year of Drawdown	years	1	
Manual Principal Repayment (Repayment style: Manual Principal)	\$ 000		
Base interest rate (Euribor or other reference rate)	%		0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%
Spread (annualized)	%		5.50% 5.50% 5.50% 5.50% 5.50% 5.50% 5.50% 5.50% 5.50% 5.50%
10.2 Overdraft			
Base interest rate (Euribor or other reference rate)	%		0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%
Spread (annualized)	%		5.50% 5.50% 5.50% 5.50% 5.50% 5.50% 5.50% 5.50% 5.50% 5.50%
11 . Subsidy			
11.1 Subsidy			
Subsidy	\$ 000		
Subsidy useful life (for amortization)	years	10	
12 . Equity			
12.1 Equity			
Share Capital	\$ 000	17	
Increase	\$ 000		
Decrease	\$ 000		

Profit & Loss Statement	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Revenues	-	4.649	6.170	6.170	6.170	6.170	6.170	6.170	6.170	6.170	6.170
Direct costs	-	(2.398)	(3.317)	(3.349)	(3.356)	(3.363)	(3.370)	(3.378)	(3.385)	(3.392)	(3.399)
Gross profit	-	2.251	2.853	2.821	2.814	2.807	2.800	2.793	2.786	2.779	2.771
Admin expenses	-	(194)	(196)	(199)	(201)	(204)	(207)	(209)	(212)	(215)	(217)
Selling expenses	-	(139)	(185)	(185)	(185)	(185)	(185)	(185)	(185)	(185)	(185)
EBITDA	-	1.918	2.472	2.437	2.428	2.418	2.408	2.398	2.389	2.379	2.369
Depreciation	-	(939)	(939)	(939)	(939)	(939)	(939)	(939)	(939)	(939)	(939)
Amortization	-	-	-	-	-	-	-	-	-	-	-
EBIT	-	980	1.533	1.499	1.489	1.479	1.469	1.460	1.450	1.440	1.430
Net finance expenses	-	(956)	(966)	(890)	(809)	(725)	(638)	(547)	(452)	(353)	(174)
One off items	-	-	-	-	-	-	-	-	-	-	-
EBT	-	24	567	609	680	754	831	913	998	1.087	1.257
Income tax	-	(3)	(68)	(73)	(82)	(90)	(100)	(110)	(120)	(130)	(151)
Net income / (loss)	-	21	499	536	598	663	732	803	878	957	1.106
<i>Revenues growth (% y-o-y)</i>			32,7%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%
<i>Gross margin (%)</i>		48,4%	46,2%	45,7%	45,6%	45,5%	45,4%	45,3%	45,1%	45,0%	44,9%
<i>EBITDA margin</i>		41,3%	40,1%	39,5%	39,3%	39,2%	39,0%	38,9%	38,7%	38,6%	38,4%
<i>EBIT margin</i>		21,1%	24,8%	24,3%	24,1%	24,0%	23,8%	23,7%	23,5%	23,3%	23,2%
<i>Net margin</i>		0,4%	8,1%	8,7%	9,7%	10,7%	11,9%	13,0%	14,2%	15,5%	17,9%

Statement of Financial Position	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Assets											
Fixed assets	17.000	16.061	15.122	14.184	13.245	12.306	11.367	10.428	9.489	8.551	7.612
Receivables	-	764	1.014	1.014	1.014	1.014	1.014	1.014	1.014	1.014	1.014
Inventory	-	913	939	939	939	939	939	939	939	939	939
Cash	-	120	120	120	120	120	120	120	120	120	120
Total assets	17.000	17.858	17.195	16.257	15.318	14.379	13.440	12.501	11.562	10.624	9.685
Liabilities											
Payables	-	394	545	551	552	553	554	555	556	558	559
Tax payable	-	3	68	73	82	90	100	110	120	130	151
Long term debt	16.983	16.983	15.236	13.393	11.449	9.397	7.233	4.950	2.541	-	-
Subsidy	-	-	-	-	-	-	-	-	-	-	-
Overdraft	-	441	809	1.168	1.565	2.005	2.488	3.018	3.598	4.232	2.165
Total liabilities	16.983	17.821	16.659	15.184	13.647	12.045	10.375	8.633	6.816	4.920	2.875
Equity											
Share capital	1.700	17	17	17	17	17	17	17	17	17	17
Retained earnings	(1.683)	21	520	1.055	1.653	2.317	3.048	3.852	4.730	5.687	6.793
Total equity	17	38	537	1.072	1.670	2.334	3.065	3.869	4.747	5.704	6.810

Analysis of sales	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Product category A	-	301	400	400	400	400	400	400	400	400	400
Product category B	-	2.153	2.857	2.857	2.857	2.857	2.857	2.857	2.857	2.857	2.857
Product category C	-	740	982	982	982	982	982	982	982	982	982
Product category D	-	927	1.231	1.231	1.231	1.231	1.231	1.231	1.231	1.231	1.231
Product category E	-	528	701	701	701	701	701	701	701	701	701
Revenues	-	4.649	6.170	6.170	6.170	6.170	6.170	6.170	6.170	6.170	6.170
<i>Product category A participation (%)</i>		6,5%	6,5%	6,5%	6,5%	6,5%	6,5%	6,5%	6,5%	6,5%	6,5%
<i>Product category B participation (%)</i>		46,3%	46,3%	46,3%	46,3%	46,3%	46,3%	46,3%	46,3%	46,3%	46,3%
<i>Product category C participation (%)</i>		15,9%	15,9%	15,9%	15,9%	15,9%	15,9%	15,9%	15,9%	15,9%	15,9%
<i>Product category D participation (%)</i>		19,9%	19,9%	19,9%	19,9%	19,9%	19,9%	19,9%	19,9%	19,9%	19,9%
<i>Product category E participation (%)</i>		11,4%	11,4%	11,4%	11,4%	11,4%	11,4%	11,4%	11,4%	11,4%	11,4%



Breakeven Point (per piece)	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Raw materials	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01
Water	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Electricity	0,02	0,02	0,02	0,02	0,02	0,02	0,02	0,02	0,02	0,02	0,02
Fuel	0,05	0,04	0,04	0,04	0,04	0,04	0,04	0,04	0,04	0,04	0,04
Production personnel	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01
Maintenance costs	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Packaging costs	0,02	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01
Direct costs breakeven	0,11	0,09	0,09	0,09	0,09	0,09	0,09	0,09	0,09	0,09	0,09
Admin expenses	0,01	0,00	0,00	0,01	0,01	0,01	0,01	0,01	0,01	0,01	0,01
Selling expenses	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Breakeven point	0,12	0,10	0,10	0,10	0,10	0,10	0,10	0,10	0,10	0,10	0,10
Depreciation	0,03	0,02	0,02	0,02	0,02	0,02	0,02	0,02	0,02	0,02	0,02
Amortization	-	-	-	-	-	-	-	-	-	-	-
Net finance expenses	0,03	0,02	0,02	0,02	0,02	0,02	0,02	0,01	0,01	0,01	0,00
Breakeven point (incl. depreciation & net finance expenses)	0,18	0,14	0,14	0,14	0,14	0,14	0,14	0,13	0,13	0,13	0,13
Price per common brick	-	-	-	-	-	-	-	-	-	-	-
Difference per piece	(0,18)	(0,14)	(0,14)	(0,14)	(0,14)	(0,14)	(0,14)	(0,13)	(0,13)	(0,13)	(0,13)

Breakeven Point (per ton)	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Raw materials	2,22	3,04	3,25	3,25	3,25	3,25	3,25	3,25	3,25	3,25	3,25
Water	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15	0,15
Electricity	5,17	5,17	5,17	5,17	5,17	5,17	5,17	5,17	5,17	5,17	5,17
Fuel	11,25	11,25	11,25	11,25	11,25	11,25	11,25	11,25	11,25	11,25	11,25
Production personnel	3,04	3,10	3,15	3,21	3,27	3,33	3,39	3,45	3,51	3,57	3,57
Maintenance costs	0,74	0,99	0,99	0,99	0,99	0,99	0,99	0,99	0,99	0,99	0,99
Packaging costs	3,95	3,95	3,95	3,95	3,95	3,95	3,95	3,95	3,95	3,95	3,95
Direct costs breakeven	26,52	27,64	27,91	27,97	28,03	28,09	28,15	28,21	28,27	28,33	28,33
Admin expenses	1,55	1,57	1,59	1,61	1,63	1,65	1,67	1,70	1,72	1,74	1,74
Selling expenses	1,12	1,48	1,48	1,48	1,48	1,48	1,48	1,48	1,48	1,48	1,48
Breakeven point	29,18	30,69	30,98	31,06	31,14	31,22	31,30	31,38	31,46	31,54	31,54
Depreciation	7,51	7,51	7,51	7,51	7,51	7,51	7,51	7,51	7,51	7,51	7,51
Amortization	-	-	-	-	-	-	-	-	-	-	-
Net finance expenses	7,65	7,73	7,12	6,47	5,80	5,10	4,37	3,61	2,82	1,39	1,39
Breakeven point (incl. depreciation & net finance expenses)	44,34	45,93	45,61	45,05	44,46	43,84	43,19	42,51	41,80	40,44	40,44
Price per ton	37,19	49,36	49,36	49,36	49,36	49,36	49,36	49,36	49,36	49,36	49,36
Difference per ton	(7,15)	3,43	3,75	4,32	4,91	5,53	6,18	6,86	7,57	8,92	8,92

