### Activity Based Costing / Activity Based Management

### Mike Mann FFA; MBA; СМС; MIOD

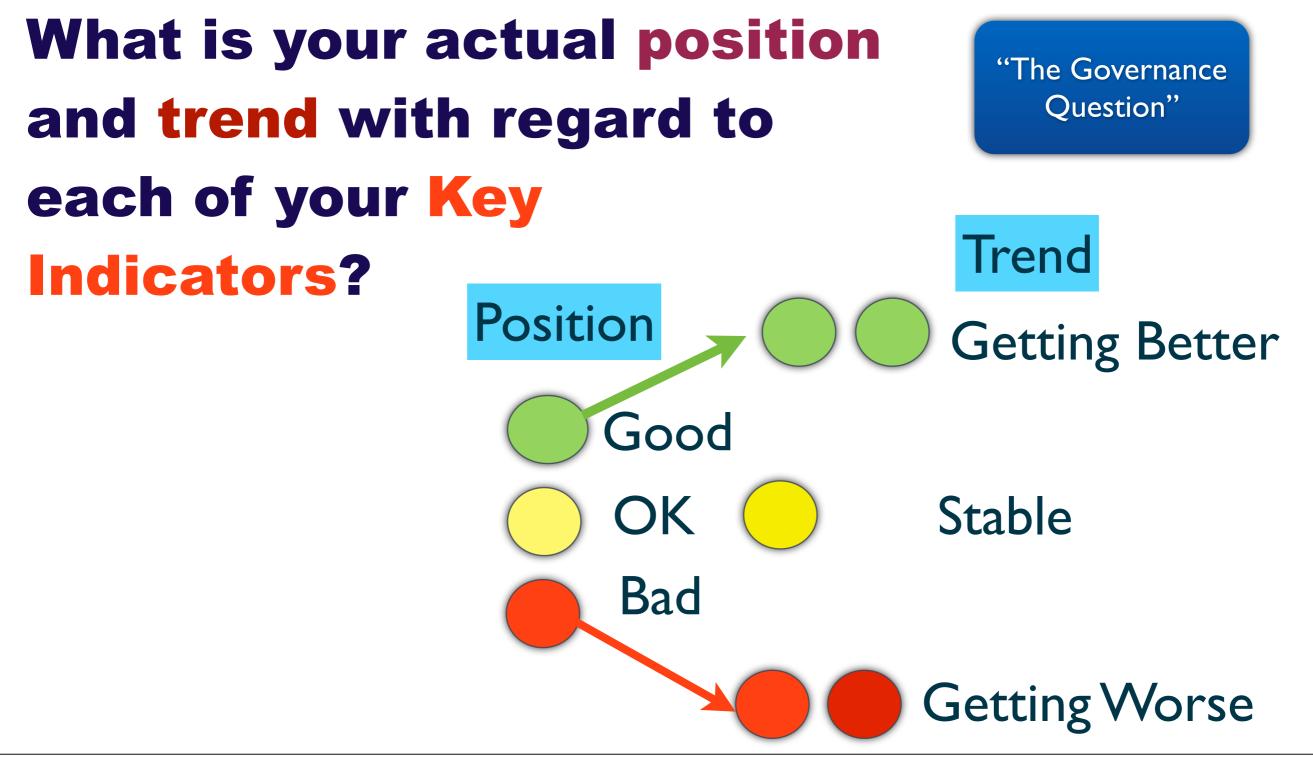
Incorporated Financial Accountant | International Economic Development Consultant

### September 2013

Cómo te va? Bien, gracias Ce mai faci? **Bine**, multumesc How are you doing? Comment ca-va? Très bien, merci Как у тебя дела? Хорошо, спасибо Come stai? Bene, grazie Habari za kufanya? Faini, Asante

## How are you doing?

# What is your actual position and trend with regard to each of your Key Indicators?





### No satisfactory answer?

- Civil war in Egypt;
- Civil and maybe real war in Syria;
- Riots in Tahrir Square;
- Riots in Taksim Square;
- The Scottish National Referendum on separation from UK;
- The Basque Separatist Movement's desire to be independent from Spain;
- The UK referendum on Europe.

# Today's goal My speciality

To demonstrate how to give a satisfactory answer to the question – Every time

Improving the performance monitoring of SOEs and Parastatals in the Republic of Mauritius



#### 5 Municipalities

### **Presentation of ABM/ ABB at the ICCO Council**

Improving the performance monitoring of SOEs and Parastatals in the Republic of Mauritius



#### Financial Accountant





#### Cost Accountant





# £4.99 / 100 Gm 53 spoonfuls I spoonful per cup 50 cups of coffee



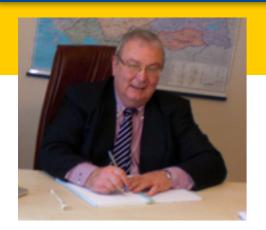


Cost price of one coffee =  $\pounds 4.99 / 50 = 10p$ 

One Coffee										
Selling Price	£1.00									
Cost Price	£0.10									
Gross Profit	£0.90									

One Thousand	l per Month
Selling Price	£1,000
Cost Price	£100
Gross Profit	£900

Financial Accountant



<b>Opening Coffee Inventory</b>	£80
+ Coffee Purchased	£200
- Closing Inventory	£170
Value of Coffee Consumed	£110

AccurateFor ControlOne Thousand per MonthSelling Price£1,000Cost Price£110Gross Profit£890



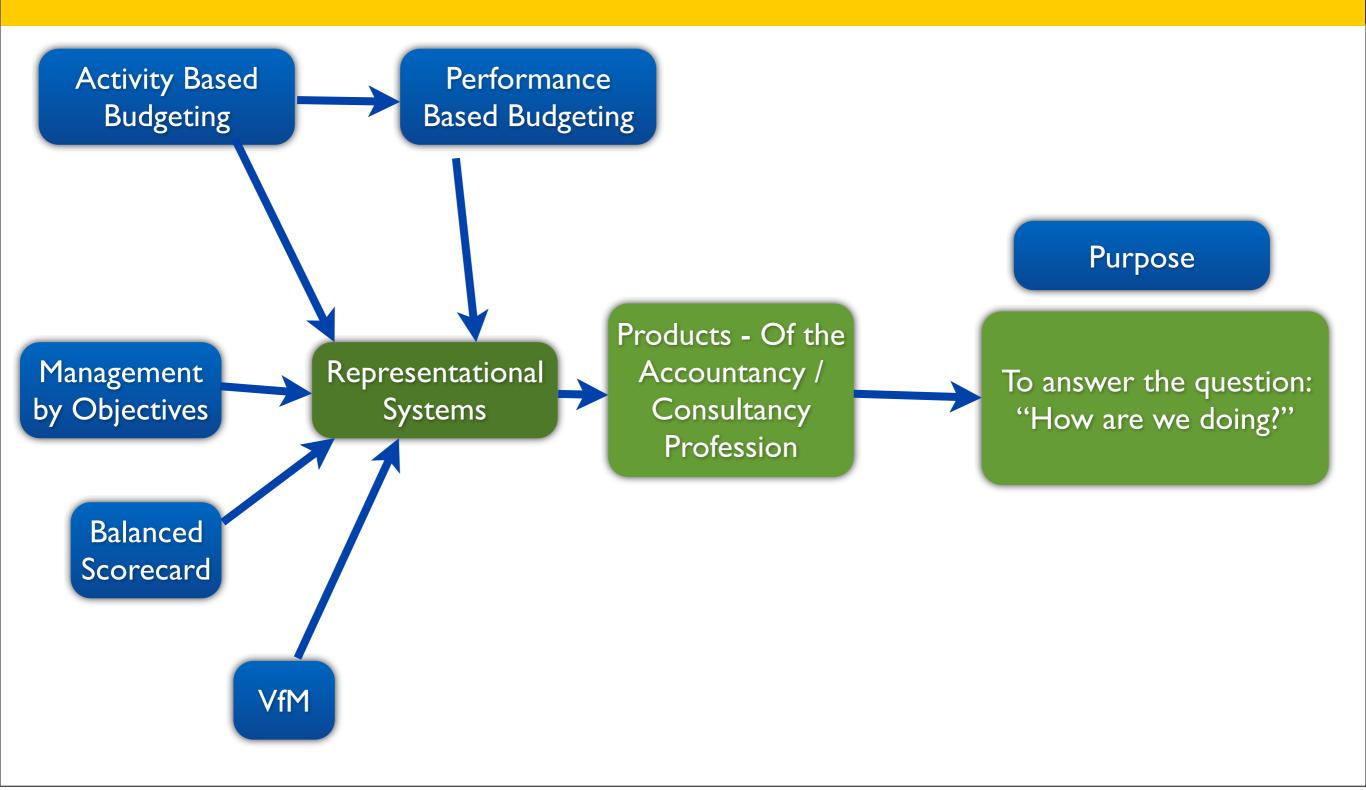
### Cost Accountant



### **Situation Analysis**

A great deal of time is spent debating the budget, and the performance

This is an indicator that an unsatisfactory answer is being given to the question. – Why?



#### Income

Member Contributions
Exporting Member Countries
Importing Member Countries
Total Member Contributions
Income from ICCO Activities
Bank Interest
Sale of Publications
Interest
Other Income
Total Operating Income
Total Income
less
Direct Costs
Contribution to Overheads
Overheads
Personel
Accomodation
Office Expenses
Travel
Meetings
Hospitality
Audit Expenses
Foreign Exchange Gain / (Loss)
Contingency
Total Overheads
Surplus / Deficit for Year
Cumulative Surplus / (Deficit)

\*\*\*

\*\*\*\*\*

££

\*\*\*\*\*\*\*\*

£

1,098,750	1,098,750
2,197,500	2,197,500
13,500	6,500
20,000	40,000
40,000	15,000
5,000	-
78,500	61,500
2,276,000	2,259,000
-	-
2,276,000	2,259,000
1,652,600	1,760,800
321,300	222,000
90.500	89,100
66.000	80,000
105,900	95,100
4,200	4,200
14,000	12,000
	-
11,400	15,000
2,265,900	2,278,200
10,100	(19,200)



#### **Income Statement**

Go to Table of Contents	a second a s	Budg	jet	Actu	al	Surplus /	(Deficit	Prcent	lage
€ → ⊠ ≈ ₽		2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14
Income									10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Member Contributions									
Exporting Member Countries	£	1,098,750	1,098,750					48%	49%
Importing Member Countries	£	1,098,750	1,098,750	A DOMONTO NAME	5	S		48%	49%
Total Member Contributions	£	2,197,500	2,197,500	2,216,140		18,640	2	97%	97%
Income from ICCO Activities									
Bank Interest	£	13,500	6,500	16,294		2,794		1%	0%
Sale of Publications	£	20,000	40,000	24,759		4,759		1%	2%
Interest	£	40,000	15,000	38,348		(1,652)		2%	1%
Other Income	£	5,000	-	5,000		-		0%	0%
Total Operating Income	£	78,500	61,500	84,401	-	5,901	-	3%	3%
Total Income		2,276,000	2,259,000	2,300,541		24,541		100%	100%
less						-			
Direct Costs	£	-	-	-		· · · · · ·		0%	0%
Contribution to Overheads	£	2,276,000	2,259,000	2,300,541	-	24,541			
Overheads									
Personel	¢	1,652,600	1,760,800	1,619,310		(33,290)		73%	77%
Accomodation	ê	321,300	222,000	325,467		4,167		14%	10%
Office Expenses	ê	90,500	89,100	93,717		3,217		4%	4%
Travel	ê	66,000	80,000	65,437		(563)		3%	4%
Meetings	ę	105,900	95,100	123,194		17,294		5%	4%
Hospitality	ç	4,200	4,200	3,742		(458)		0%	0%
Audit Expenses	£	14,000	12,000	13,370		(630)		1%	1%
Foreign Exchange Gain / (Loss)	ç	-	-	-				0%	0%
Contingency	£	11,400	15,000	11,400				1%	1%
Total Overheads	£	2,265,900	2,278,200	2,255,637		(10,263)		100%	100%
Surplus / Deficit for Year	£	10,100	(19,200)	44,904	-	34,804	•		
Cumulative Surplus / (Deficit)									



#### ICCO Activity Based Budgetting System

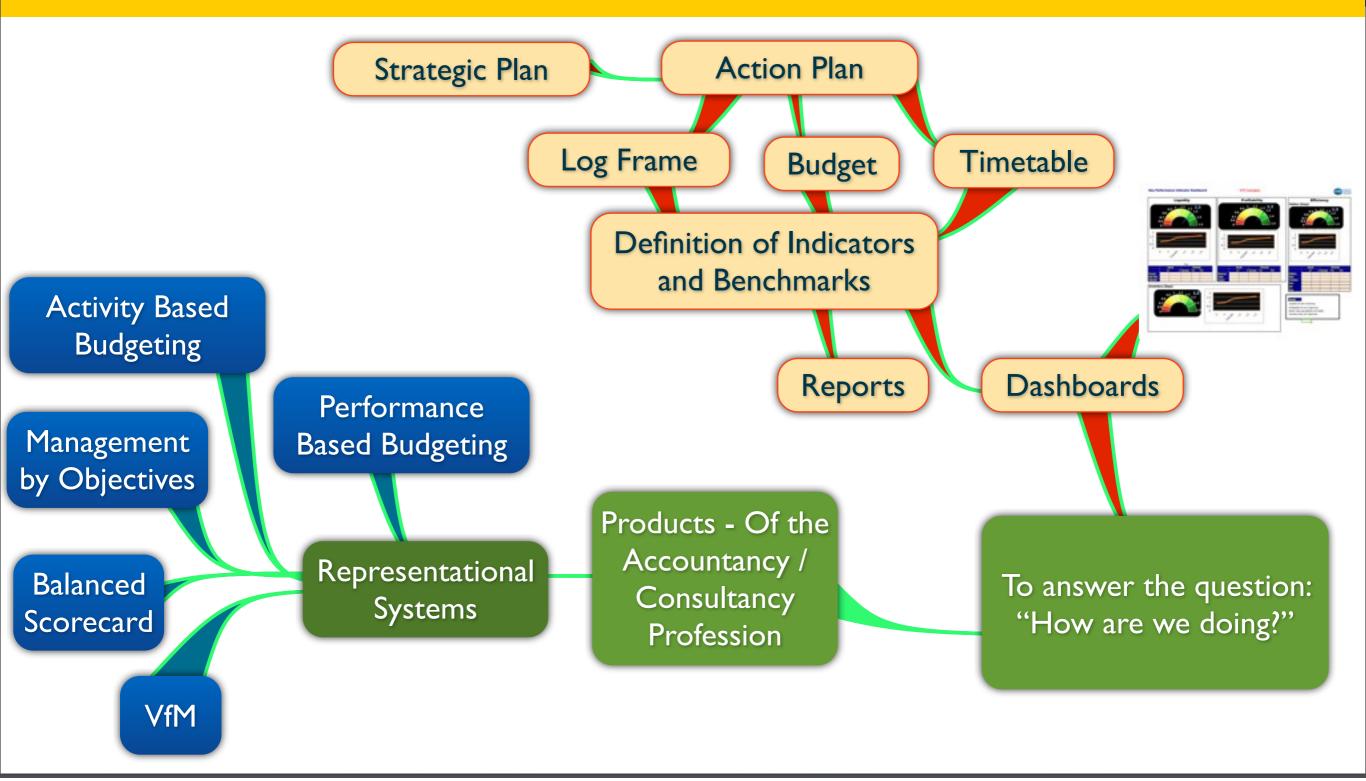
Go to Table of Contents		Bud	get	Actu	al	Surplus /
← → ⊠ ≈ №		2012-13	2013-14	2012-13	2013-14	2012-13
Income						
Member Contributions						
Exporting Member Countries	£	1,098,750	1,098,750			
Importing Member Countries	£	1,098,750	1,098,750	1002001-000	9	
Total Member Contributions	£	2,197,500	2,197,500	2,216,140		18,640
Income from ICCO Activities						
Bank Interest	£	13,500	6,500	16,294		2,794
Sale of Publications	£	20,000	40,000	24,759		4,759
Interest	£	40,000	15,000	38,348		(1,652)
Other Income	£	5,000		5,000		
Total Operating Income	£	78,500	61.500	84,401	-	5,901
Total Income		2,276,000	2,259,000	2,300,541		24.544
L AS						
Direct Costs	£		-	-		
Contribution to Overheads	£	2,276,000	2,259,000	2,300,541		24,541
Overheads	~	21210,000	£1200,000	210001041	1.0	24,041
	0	4 652 600	4 700 000	4 640 240	1	(22.200)
Personel	2	1,652,600	1,760,800	1,619,310		(33,290)
Accomodation	r.	321,300	222,000	325,467	· · · · · · · · · · · · · · · · · · ·	4,167
Office Expenses	1	90,500	89,100	93,717		3,217
Travel	1	66,000	80,000	65,437		(563)
Meetings	£	105,900	95,100	123,194		17,294
Hospitality	£	4,200	4,200	3,742	· · · · · · · · · · · · · · · · · · ·	(458)
Audit Expenses	£	14,000	12,000	13,370		(630)
Foreign Exchange Gain / (Loss)	£	-	-	-		
Contingency	£	11,400	15,000	11,400		N. Constanting
Total Overheads	£	2,265,900	2,278,200	2,255,637		(10,263)
Surplus / Deficit for Year	£	10,100	(19,200)	44,904	-	34,804

#### Budget - Econometric Modelling of the Cocoa Market - Bali, Indonesia ICCO Activity Based Budgetting System Go to Table of Contents Source of Financing Quantity Unit Cost Sub-Total Contingency Total Cost + > an Ro Unit Host Gov ICCO X A - Local Logistics 5,250 Rental of Seminar Venue Days 5 1,000 5,000 250 5,250 Day Package (2 cocoa breaks + 1 Lunch for 5 days) 100 prticipants for 5 days Days 500 70 35,000 1,750 36,750 36,750 110 440 9,240 Workshop dinner for 100 guests No 80 8,800 9,240 B - ICCO Costs Travel costs for expert trainers No 2 3,000 6,000 300 6,300 6,300 DSA for expert trainers Days 14 300 4,200 210 4,410 4,410 10 Honorarium for expert trainers Days 1,500 15,000 750 15,750 15,750 Travel costs for representatives of ICCO Secretariat. No. 4 3,000 12,000 600 12,600 12,600 28 300 8,400 420 8,820 8,820 DSA for representatives of ICCO Secretariat (2 persons x 7 days) Days 1 10,000 10,000 500 10,500 10,500 Training materials and stationary Lump Sum 104,400 5,220 109,620 -51,240 58,380 Total C- ICCO Overhead Contribution - (15% of total cost) 16,443 -16,443 15,660 783 120,060 126,063 -51,240 74,823 GRAND TOTAL (A+B+C) 6,003

#### Income Statement

#### ICCO Activity Based Budgetting System

Go to Table of Contents			iget	Actua	al	Surplus /	(Deficit	Prce	intage
← → ⊠ ≈ №		2012-13	2013-14	2012-13	2013-14	2012-13	2013-14	2012-13	2013-14
Income							11 - 11 - 11 - 11 - 11 - 11 - 11 - 11		
Member Contributions									
Exporting Member Countries	£	1,098,750	1,098,750	1				48%	499
Importing Member Countries	£	1,098,750	1,098,750	A DESCRIPTION OF	2			48%	499
Total Member Contributions	£	2,197,500	2,197,500	2,216,140		18,640		97%	979
Income from ICCO Activities									
Bank Interest	£	13,500	6,500	16,294		2,794		1%	05
Sale of Publications	£	20,000	40,000	24,759	8 8.00	4,759		1%	25
Interest	£	40,000	15,000	38,348		(1,652)		2%	15
Other Income	£	5,000		5,000		- 1		0%	05
Total Operating Income	£	78,500	61,500	84,401	-	5,901	-	3%	35
Total Income		2,276,000	2,259,000	2,300,541		24,541		100%	100
less									
Direct Costs	£			-			-	0%	0
Contribution to Overheads	£	2,276,000	2,259,000	2,300,541	-	24,541			
Overheads									
Personel	£	1,652,600	1,760,800	1,619,310		(33,290)		73%	775
Accomodation	£	321,300	222,000	325,467		4,167		14%	
Office Expenses	£	90.500	89,100	93,717		3,217		4%	4
Travel	£	66,000	80,000	65,437	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	(563)		3%	4
Meetings	£	105,900	95,100	123,194		17,294		5%	4
Hospitality	£	4,200	4,200	3,742		(458)		0%	0
Audit Expenses	£	14,000	12,000	13,370		(630)		1%	
Foreign Exchange Gain / (Loss)	£		-	7	1	-		0%	(
Contingency	£	11,400	15,000	11,400				1%	
Total Overheads	£	2,265,900	2,278,200	2,255,637		(10,263)		100%	100
Surplus / Deficit for Year	£	10,100	(19,200)	44,904	-	34,804	•		
Cumulative Surplus / (Deficit)									



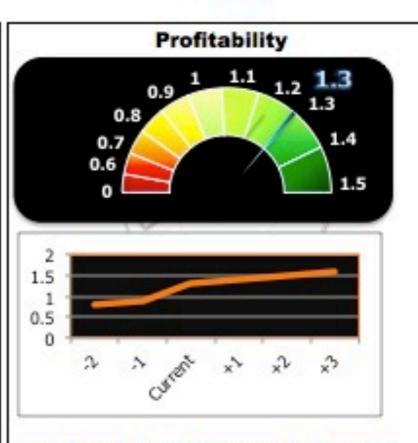
Monday, 30 September 13

#### Key Performance Indicator Dashboard

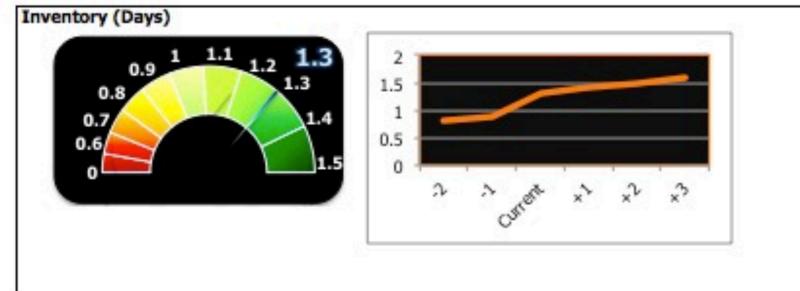
#### XYZ Company

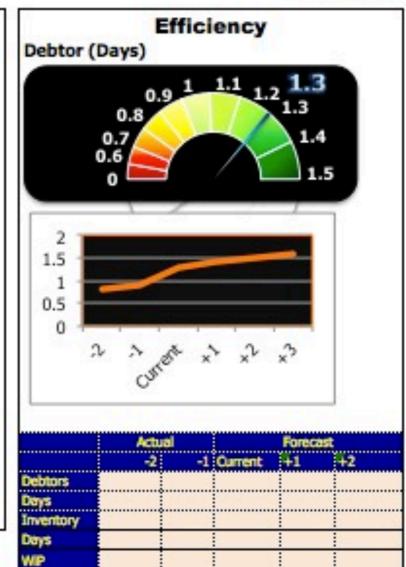






	Act	ual	Forecast								
	-2	-1	Current	+1	+2						
Revenue				-							
Costs											
Surpus											





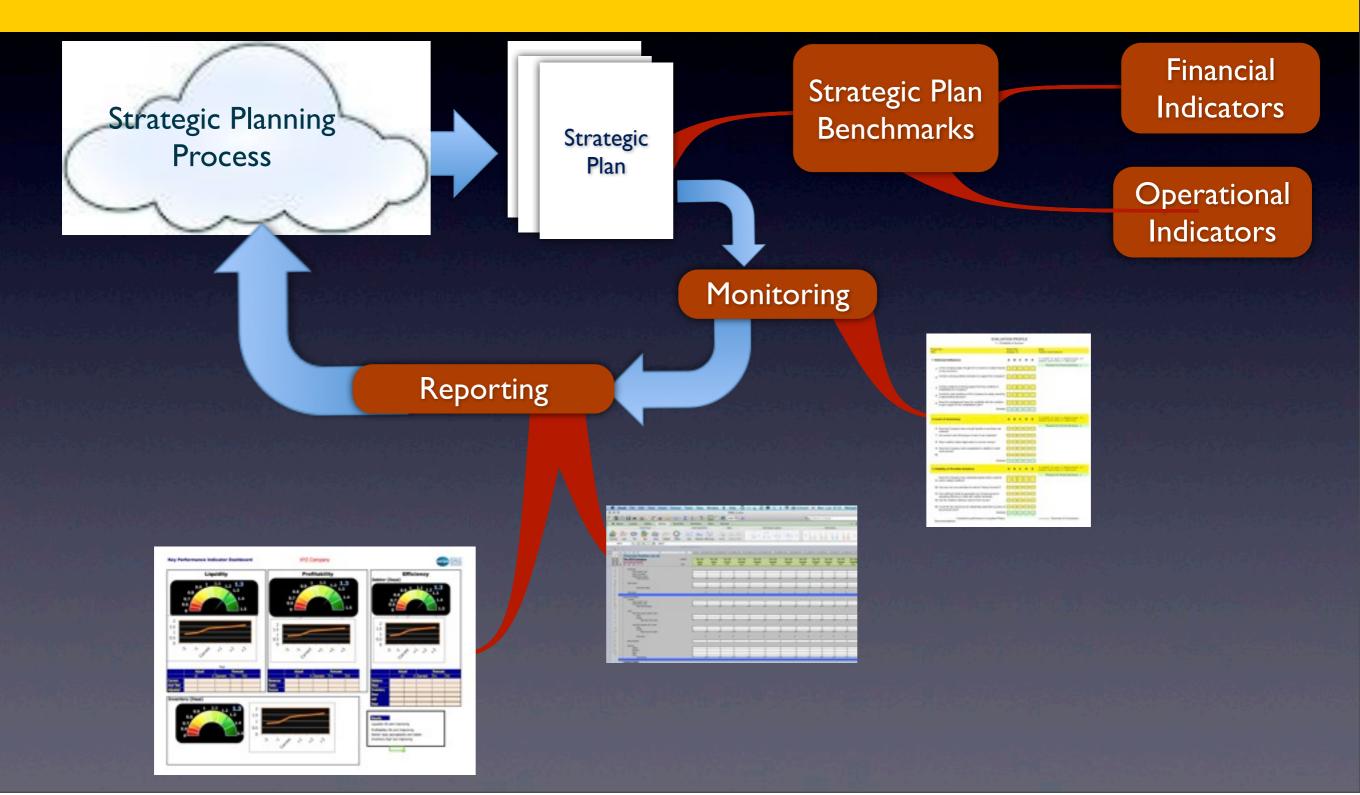
#### Results

Days

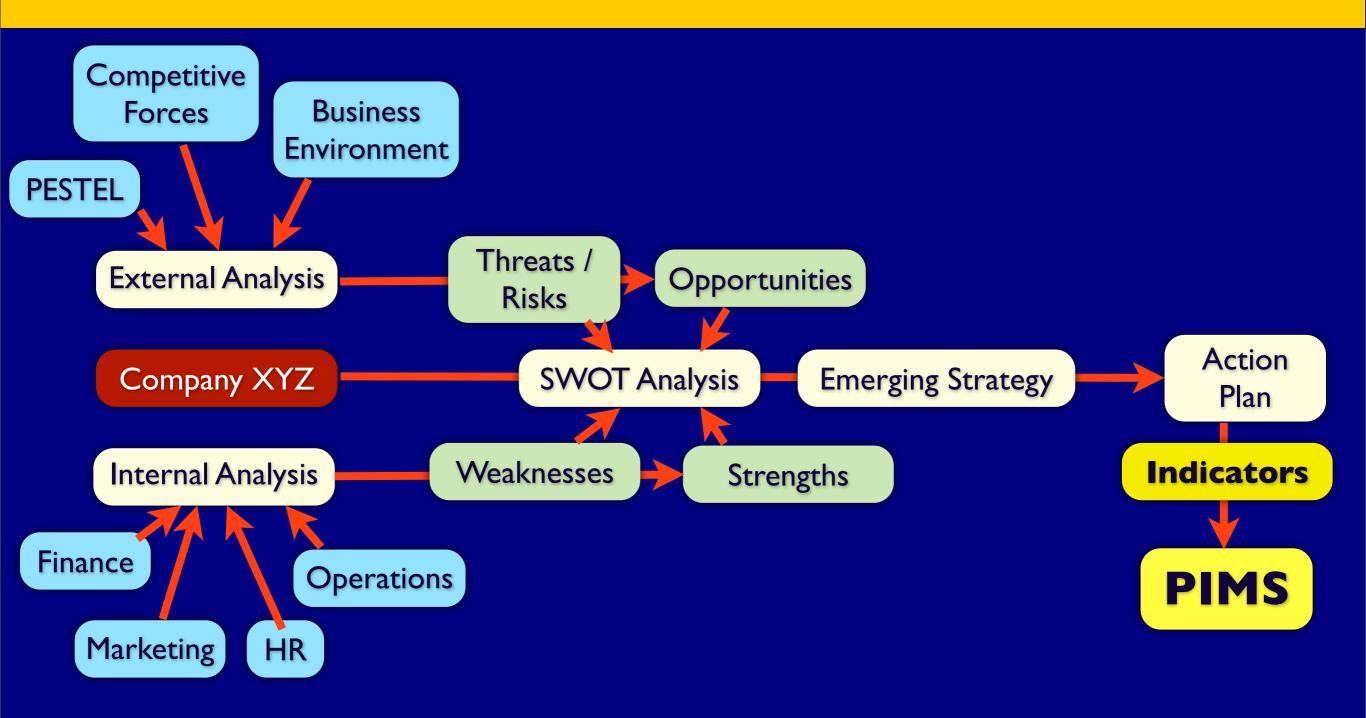
Liquidity OK and improving

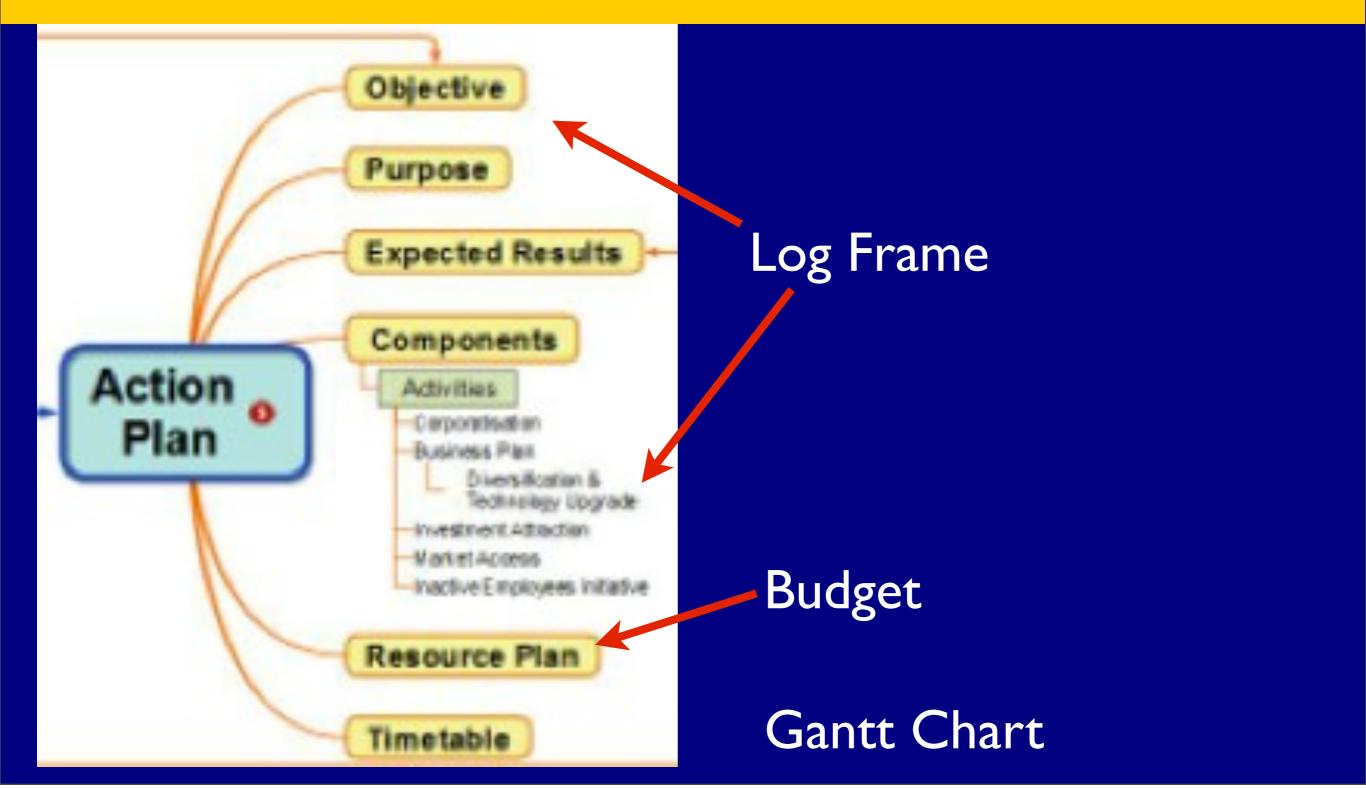
Profitability OK and Improving Debtor days acceptable and stable Inventory high but improving





53-







INT	TERVENTION LOGIC	OBJECTIVELY VERIFIABLE INDICATORS	SOURCES OF VERIFICATION	CONDITIONS / ASSUMPTIONS					
OE	JECTIVE								
1	To create a comprehensive but practical reporting system which monitors the performance of SOEs and Parastatals	stem which monitors the performance of SOEs and							
2	To create a system which is a useful tool for the managers of SOEs and Parastatals as well as for the OPSG	Enterprises and OPSG use the same system	On-Line						
PU	IRPOSE								
1	To improve the performance of public sector	Early warning system	On-line						
	organisations for an effective support to the country's economic and social development	Transparent public sector reporting							
EX	PECTED RESULTS			6					
1	Periodic Monitoring Visits in standardised format	Monitoring Reports on PIMS	PIMS Output	After PIMS Upgrade					
2	Quick Scans in standardised format	ans in standardised format Quick Scans on PIMS PIMS Outp							
3	SOEs are providing SBRs in standard format	SBR Indicators on PIMS							
4	Capability developed in financial modelling	Standard forecasts	Forecasts with SBRs	After PIMS Upgrade					
5									
4	PIMS Handles non-financial data	Non-financial data sheets	PIMS <u>OUtput</u>						
AC	TIVITIES								
1	Introduction of Periodic Monitoring								
1	1 Development of Periodic Monitoring Template	Monitoring template available	EU Project output	The process of annual					
1	2 Pilot testing of monitoring template	3 enterprises monitored	Monitoring Reports	monitoring review is adopted by OPSG and					
1	3 Development of Monitoring programme	Monitoring schedule	Published Programme	adopted by OP-36 and					

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Pro quotation	1.00	114	1.24																						
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# Implementation

