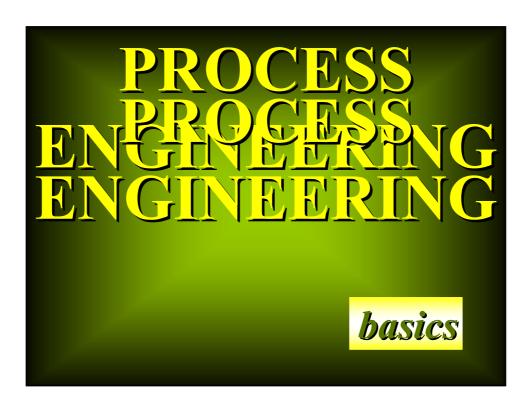
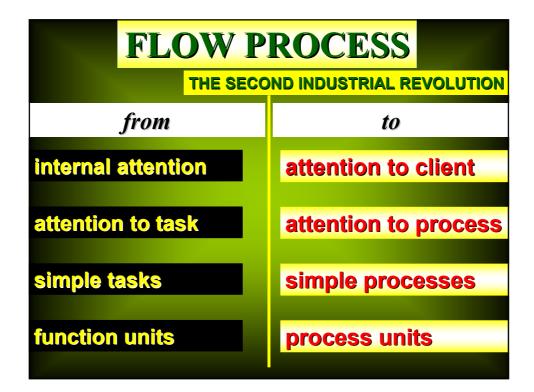


WORLD-CLASS PERFORMANCE

the world-class enterprise operates "per process"













HOW TO MEASURE PERFORMANCE

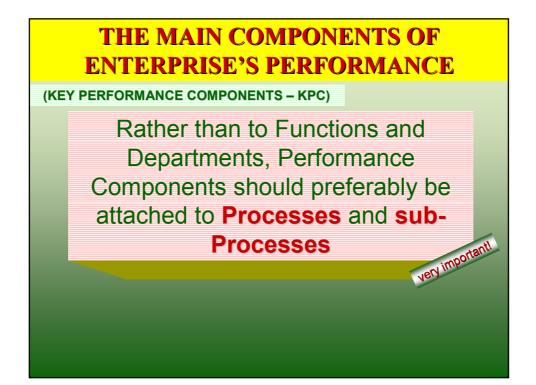
.....know where you stand//!



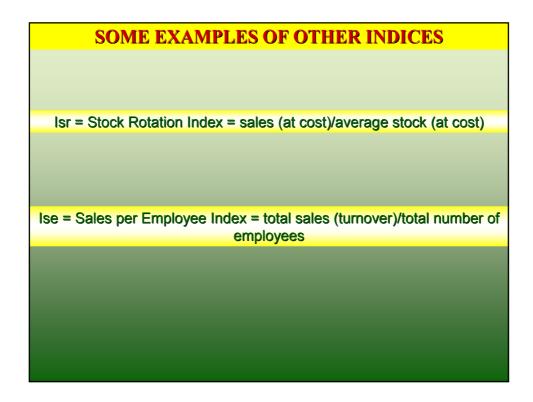


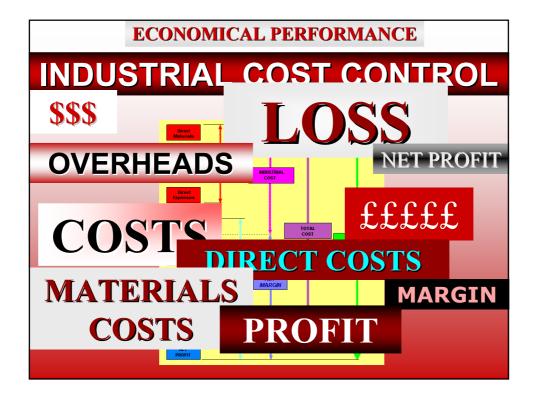


	IN COMPO RISE'S PERI	NENTS OF FORMANCE
examples	(KEY PERFORMA	NCE COMPONENTS – KPC)
ECONON	IICAL PERF	FORMANCE
Turnover		
Profitability		
CULTU	RAL PERFO	DRMANCE
Industrial Culture Level/Mo	dernity	
Effectiveness of Change M	anagement	









MAIN DIFFERENCES BETWEEN FINANCIAL ACCOUNTING AND INDUSTRIAL ACCOUNTING

Application Field

INDUSTRIAL ACCOUNTING
Detects all <u>operational</u> aspects of the Enterprise's Economic Process. It does not consider Enterprise's Financial results.

	BETWEEN FINANCIAL
	Purpose
FINANCIAL ACCOUNTING	INDUSTRIAL ACCOUNTING
Interprets a <u>set of accounts</u> for statutory (taxation) and proprietary (shareholders) purposes. It produces a <u>Balance Sheet/P&L</u> <u>Account</u> .	Determines in great detail Costs and Earning, e.g. <u>the results of the</u> <u>Enterprise's Economical</u> <u>Performance</u> in all its steps.

MAIN DIFFERENCES BETWEEN FINANCIAL ACCOUNTING AND INDUSTRIAL ACCOUNTING

Nature of detected/collected data

FINANCIAL ACCOUNTING	INDUSTRIAL ACCOUNTING
Considers Enterprises <mark>Financial</mark> <u>facts</u> once they are <u>ascertained</u> .	Considers Enterprise's <u>Economical</u> <u>facts</u> when they <u>happen</u> .
Detects Costs and Earning according to their <u>nature</u> .	Detects Costs and Earning according to their destination.
Detects <u>only historical data</u> .	Detects <u>historical</u> and also predetermined (<u>estimated</u> or <u>standard</u>) data.

MAIN DIFFERENCES BETWEEN FINANCIAL ACCOUNTING AND INDUSTRIAL ACCOUNTING

example of SIMPLIFIED P&L ACCOUNT

Dr.		Cr.		
	\$		\$	\$
Materials	25.000	Sales: Product A	17.000	
Wages	10.000	Sales: Product B	16.000	
Factory Overheads	5.000	Sales: Product C	17.000	
Gross Margin (20%)	10.000			50.000
	50.000			50.000
Administrative Overheads	3.000	Gross Margin		10.000
Selling Overheads	2.000			
Net Profit	5.000			
	10.000			10.000
	========			========

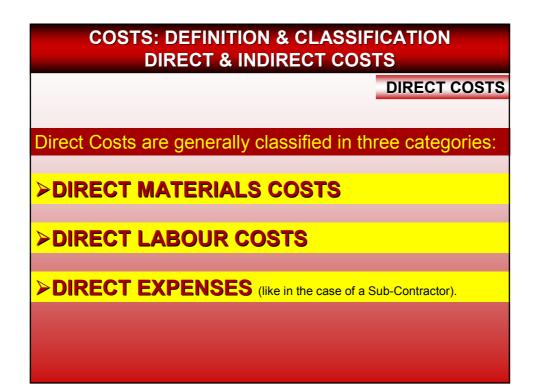
APPLYING COST (Industr	rial) ACCOUI	NTING TO	THE ABO	VE			
MANAGEMENT ACCOUNTING REF	ORT FOR TH	IE YEAR E	NDED 31.1	12.XX			
A B C							
	\$	\$	\$	\$			
Materials	7.000	6.000	12.000	25.000			
Wages	2.800	2.800	4.400	10.000			
Factory Overheads	1.500	1.500	2.000	5.000			
Cost of Production	11.300	10.300	18.400	40.000			
Administrative Overheads	1.000	1.000	1.000	3.000			
Selling Overheads	700	700	600	2.000			
Total Cost	13.000	12.000	20.000	45.000			
Sales	17.000	16.000	17.000	50.000			
Net Profit (Loss)	4.000	4.000	-3.000	5.000			
% Net Profit	24%	25%	-	10%			

COSTS DEFINITION & CLASSIFICATION

COSTS: DEFINITION & CLASSIFICATION DIRECT & INDIRECT COSTS

DIRECT COSTS

A cost identifiable with a <u>specific</u> product or saleable service, and incurred <u>specifically</u> for the fabrication of that product (or for a batch of that product, or for a process associated with the production of that product) – or for the generation of that service (or for a process or sub-process associated with that service).



COSTS: DEFINITION & CLASSIFICATION DIRECT & INDIRECT COSTS

INDIRECT COSTS

A cost which cannot be identifiable with any particular product or saleable service, but has to be <u>shared indirectly</u> over a number of products or services produced because it is <u>common</u> to or <u>jointly incurred</u> by them.

Indirect Costs are also called Common Costs or General Costs (or Expenses)

>Overheads, for instance, are Indirect Costs

COSTS: DEFINITION & CLASSIFICATION DIRECT & INDIRECT COSTS

INDIRECT COSTS

Indirect Costs are generally classified in four categories:

>PRODUCTION OVERHEADS

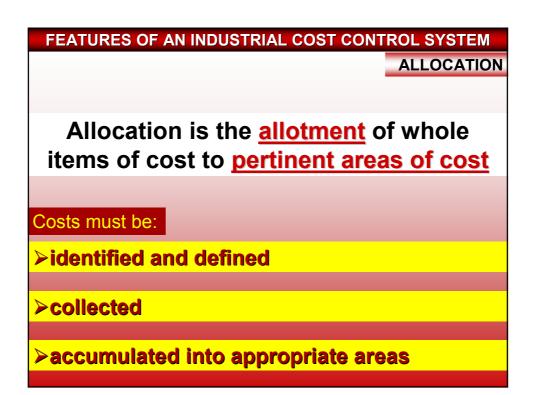
Also called FACTORY or INDUSTRIAL OVERHEADS

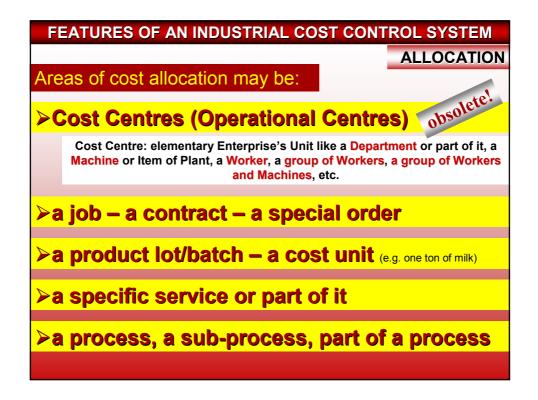
>ADMINISTRATIVE OVERHEADS

>SELLING (or COMMERCIAL) OVERHEADS

➢GENERAL OVERHEADS







FEATURES OF AN INDUSTRIAL COST CONTROL SYSTEM COSTING METHODS

The methods adopted are determined by the nature of the Enterprise's activities

There are two main groups of methods:

A] SPECIFIC ORDER COSTING

B] CONTINUOUS OPERATION COSTING

FEATURES OF AN INDUSTRIAL COST CONTROL SYSTEM COSTING PRINCIPLES AND TECHNIQUES

These are determined by the purpose for which Industrial Cost Control is required

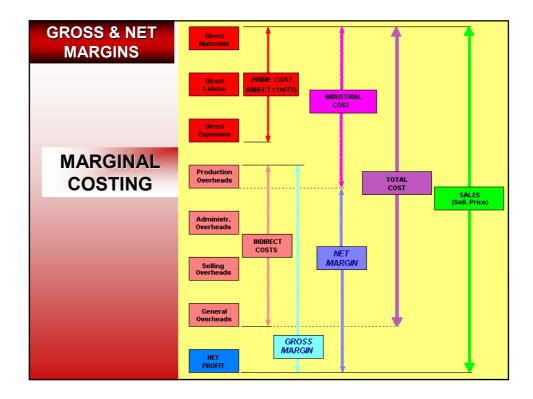
the final target is always to know in <u>sufficient details</u> and in <u>appropriate time</u> the cost structure of a product or service

Amongst others (ACTIVITY-BASED COSTING – BUDGETARY CONTROL – STANDARD COSTING – THROUGHPUT ACCOUNTING), 2 main principles:

A] ABSORPTION COSTING (TOTAL COSTING)

B] MARGINAL COSTING

SUMMARY OF COST ELEMENTS	Direct Labour PRIME COST Direct Expenses Industrial Cost
ABSORPTION COSTING	Production Overheads
	Administr. Overheads Selling Overheads General Overheads
	NET PROFIT







FEATURES OF AN INDUSTRIAL COST CONTROL SYSTEM

COSTING CRITERIA

COSTING AT "ESTIMATED" COSTS

Identifies, detects and allocates <u>Direct Costs</u> immediately after they are generated

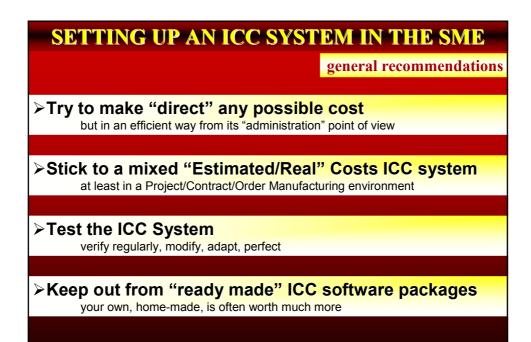
<u>Indirect Costs</u> are "estimated" at the beginning of each reference period (on the basis of past experience and forecasts), and are allocated to Cost Areas on the basis of some Absorption criteria.

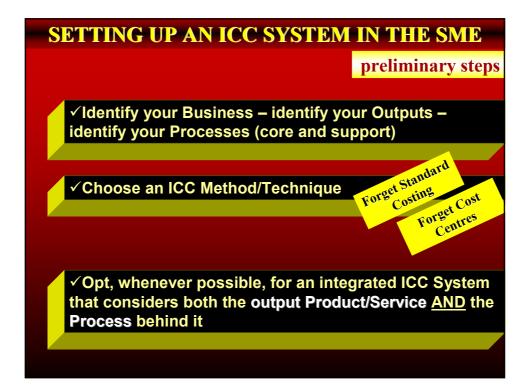
Estimates of Indirect Costs are verified regularly during the reference period, and necessary adjustments are made.

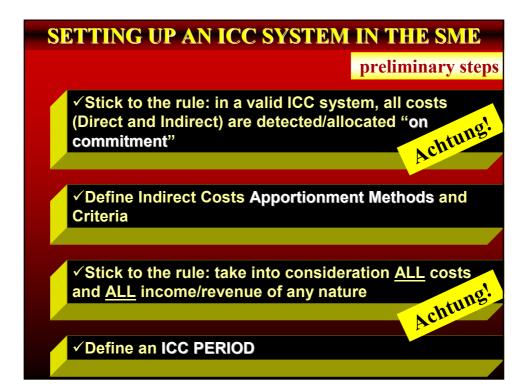
Pro: eliminates all previous disadvantages

Con/s: very <u>limited</u> <u>effectiveness</u> if the estimates are <u>far out</u> of reality and/or necessary <u>adjustments are not made</u> at appropriate intervals.







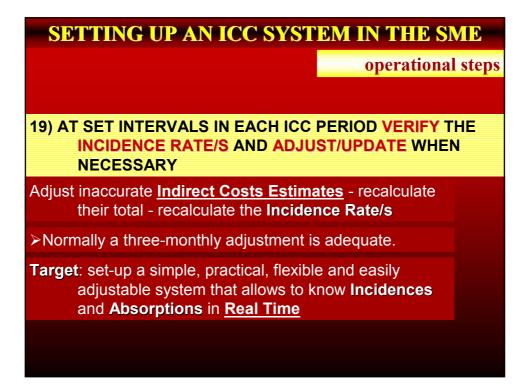




	SETTING UP A	N IC	C SI	K	STEN		IN '		IL SI	
							ор	era	tional	steps
	16) PREPARE , when CALCULATING IND	•						RDS	6 FOR	
	For <u>Leased items</u> , it Interests, if a realistic <u>Vehicles</u> is another o	c pictur	e of the							
	Example of the Vehi- example the SE Owner decid Replacement Value/Expected	ed to appl	y a person	alis	ed Conser					
	example the SE Owner decid	ed to appl	y a person	alis	ed Conser					
	example the SE Owner decid Replacement Value/Expected A B COMPANY LOGO	ed to appl I Life – Tra	y a person ad. Amortis D	alis atio	ed Conser on Rate	vativ	e Amor		n Rate = 2 J Total	X K Total
2	example the SE Owner decid Replacement Value/Expected	ed to appl I Life – Tra	y a person ad. Amortis D	alis atio	ed Conser on Rate	vativ	e Amor		n Rate = 2 J Total TAR	X K Total CAR
23	example the SE Owner decid Replacement Value/Expected A B COMPANY LOGO	ed to appl I Life – Tra I CC YEAF RD	y a person ad. Amortis D R 1999	alis atio	ed Conser on Rate	vativ	e Amor		n Rate = 2 J Total TAR	X K Total
2 3 4	example the SE Owner decid Replacement Value/Expected A B COMPANY LOGO	ed to appl I Life – Tra I CC YEAF RD Totals	y a person: ad. Amortis D 3 1999 91.312.000	alis atio	ed Conser on Rate	G	e Amor	tisatio	J Total TAR 9.961.600	X K Total CAR 13.877.085
2 3 4 5	example the SE Owner decid Replacement Value/Expected OMPANY LOGO VEHICLES AMORTISATION MASTER CA	ed to appl Life – Tra ICC YEAF RD Totals Year of	y a person. ad. Amortis D 3 1999 91.312.000 Purchase	alis atio	ed Conser on Rate	G	e Amor H FE	tisatio	J Total TAR 9.961.600 Traditional	X Total CAR 13.877.085 Conserv.
2 3 4 5 6	example the SE Owner decid Replacement Value/Expected OMPANY LOGO VEHICLES AMORTISATION MASTER CA	ed to appl Life – Tra ICC YEAF RD Totals Year of Purchase	y a person ad. Amortis D R 1999 91.312.000 Purchase Cost	alis atio	ed Conser on Rate F 112.200.000 Repl. Cost	G LI Tot	E Amor H FE Remain	tisatio	J Total TAR 9.961.600 Traditional Amort. Rate	K Total CAR 13.877.085 Conserv. Amort. Rate
2 3 4 5 6 7	example the SE Owner decid Replacement Value/Expected COMPANY LOGO VEHICLES AMORTISATION MASTER CA N. Description 1 Truck OM 1,5 Ton	ed to appl I Life – Tra ICC YEAF RD Totals Year of Purchase 1984	y a person ad. Amortis D 3 1999 91.312.000 Purchase Cost 13.590.000	alis ations E N U	ed Conser on Rate F 112.200.000 Repl. Cost 30.000.000	G G LI Tot 15	e Amor H FE Remain	Utilis. Coeff.	J Total TAR 9.961.600 Traditional Amort. Rate 906.000	K Total CAR 13.877.085 Conserv. Amort. Rate 3.094.000
2 3 4 5 6 7 8	example the SE Owner decid Replacement Value/Expected OMPANY LOGO VEHICLES AMORTISATION MASTER CA N. Description 1 Truck OM 1,5 Ton 2 Peugeot 205	ed to appl I Life – Tra ICC YEAR RD Totals Year of Purchase 1984 1995	y a person ad. Amortis D 31999 91.312.000 Purchase Cost 13.590.000 13.950.000	alis ation E N N	ed Conser on Rate F 112.200.000 Repl. Cost 30.000.000 15.000.000	G G LI Tot 15 8	E Amor H FE Remain	Utilis.	J Total TAR 9.961.600 Traditional Amort. Rate 906.000 1.743.750	X Total CAR 13.877.085 Conserv. Amort. Rate 3.094.000 2.006.250
2 3 4 5 6 7 8 9	example the SE Owner decid Replacement Value/Expected COMPANY LOGO VEHICLES AMORTISATION MASTER CA N. Description 1 Truck OM 1,5 Ton 2 Peugeot 205 3 Autobianchi Y10	ed to appl I Life – Tra ICC YEAF RD Totals Year of Purchase 1984 1985 1993	y a person ad. Amortis 91.312.000 Purchase Cost 13.590.000 13.950.000 11.000.000	alis ation E N N N	ed Conser on Rate 112.200.000 Repl. Cost 30.000.000 15.000.000	G G LI Tot 15 8 8	E Amor	Utilis. .Coeff.	J Total TAR 9.961.600 Traditional Amort. Rate 906.000 1.743.750 1.375.000	X Total CAR 13.877.085 Conserv. Amort. Rate 3.094.000 2.006.250 2.375.000
2 3 4 5 6 7 8	example the SE Owner decid Replacement Value/Expected OMPANY LOGO VEHICLES AMORTISATION MASTER CA N. Description 1 Truck OM 1,5 Ton 2 Peugeot 205	ed to appl I Life – Tra ICC YEAR RD Totals Year of Purchase 1984 1995	y a person ad. Amortis D 31999 91.312.000 Purchase Cost 13.590.000 13.950.000	alis atio	ed Conser on Rate F 112.200.000 Repl. Cost 30.000.000 15.000.000	G G LI Tot 15 8	E Amor H FE Remain	Utilis Coeff.	J Total TAR 9.961.600 1.743.750 1.375.000 5.498.100	X Total CAR 13.877.085 Conserv. Amort. Rate 3.094.000 2.375.000 6.076.710

SUPERPROMOTION Ltd	
SUMMARY	
INDIRECT COSTS 2003 - REAL	
1. Production (Industrial) Overheads	\$219.399,
2. Administrative Overheads	\$270.573,
3. Commercial Overheads	\$162.236,
4. General Overheads	\$350.313,
Total year 2003	\$1.002.521,
-	
Absorption Criterion	
\$ 1.002.521,84 shared over 39.768 effective Direct Hours	\$25,
Unit Hourly Incidence of Indirect Costs 2003 (rounded)	\$25,

SUPERPROMOTION Ltd	
	prep: 17.12.2003
SUMMARY INDIRECT COSTS 2004 - ESTIMATED	
1. Production (Industrial) Overheads	\$228.950,7
2. Administrative Overheads	\$329.683,0
3. Commercial Overheads	\$187.165,0
4. General Overheads	\$359.920,0
Total year 2004	\$1.105.718,7
Absorption Criterion	
\$1.105.719 shared over 39.547 Estimated Direct Hours	\$27,9
Unit Hourly Incidence of Indirect Costs 2004 (rounded	l) \$28,0



SETTING UP AN ICC SYSTEM IN THE SME

operational steps

20) PREPARE A MODEL OF ECONOMICAL RESULT CARD

Per Job, Contract, Project, Production Batch/Lot, Service Item

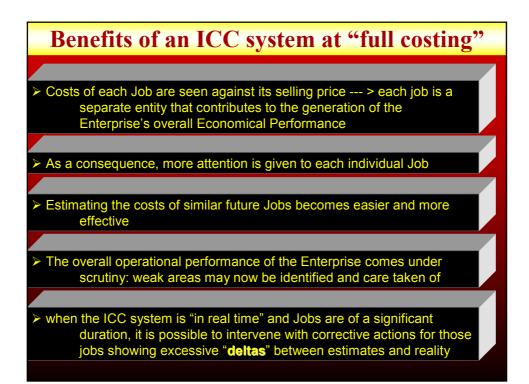
In which all items of **Direct Costs** are cumulated and classified

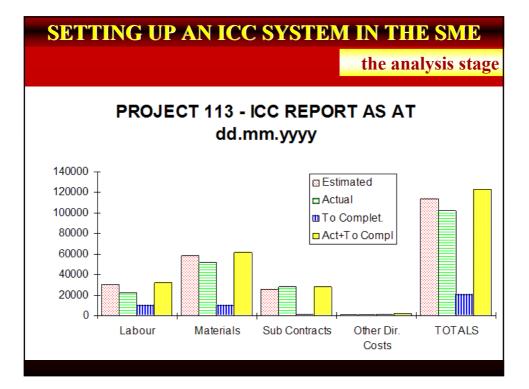
In which **Incidences of Indirect Costs** are introduced and charged

>The Result Card will <u>resume</u> **all items of cost**, show the **selling price**, and highlight the **margin** or (preferable) **profit**

This Card represents the base for <u>analysing</u> the **Economical Performance** of each Job (Contract, Batch, etc.) and <u>making</u> <u>operational decisions</u>

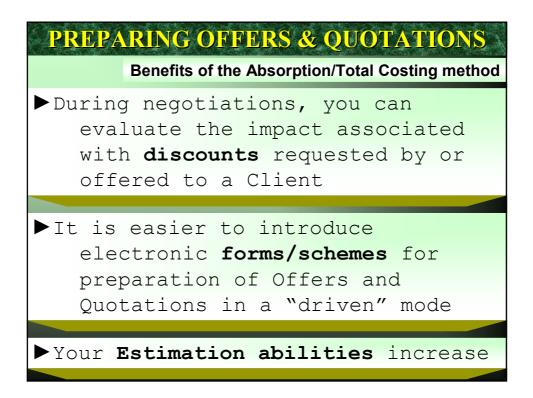
ENTERPRIS	E			SUMMARY	Offer H.		Date		DDDAE COST O	0
LOGO			_ JOI	BECONOMICAL	Client Job Descr	iption			PRIME COST (P	C)
		Code		RESULTS					DIRECT LABOUR TOTAL COST	
	ECT L Hours	ABOU	_	DIRECT M						
Activity	(real)	Rate	Cost	MATERIALS Code & Description			linit	Total	DIRECT MATERIALS TOTAL COST	
GR Graphics PP Pre-Printing							Cost	Cost		
SS Printing Silk Screenin						-			EXTERNAL SUBCONTRACTS TOTAL COS	r 🚺
PA Painting									OTHER DIRECT EXPENSES	
CU Cutting									OTHER DIRECT EXPENSES	
TC Temptate Cutting Welding									PRIME COST	PC
Weighting									1	
TF Thermoform.									OVERHEADS INCIDE	NCE (OI)
RV Riveting						+			Direct Labour Total Hours []	
AS Assembly Packaging									x Unit Hourly Incidence Rate	OI
PD Despatching						-				2000
NS Jigs & Dies									OTHER DIRECT CO	JS15
MS Spec.Jigs/Die									OTHER & UNFORESEEN COSTS	loc
Total Direct Hrs			+							
TOTAL	COST								INCIDENCE REJECTS/DEFECTS	RD
EXTERNA Descr		BCONT	RACTS Cost						REWORK UNDER GUARANTEE	
0004	paon		000						(after despatch)	G
									TOTAL JOB COST	(TC)
									TOTAL COST (PC + OI + OC + RD + G)	тс
						-				
						-			SELLING PRICE (SP)	SP
EXT. SUBCO TOTAL		TS				+			NET PROFIT (P)/LOSS (L)	P/L
OTHER D		T EXPI	INSES	OFFCUTS & LEF				_	REMARKS & CALCULATIONS	
Desc			Cost	Description	U	el Q.ty	Remarks		ALIGNATIONS & CALCOLATIONS	
DIRECT EN	PENSE	s 🔺		DIRECT MATERIALS T	OTAL CO	OST				
	0001								/	



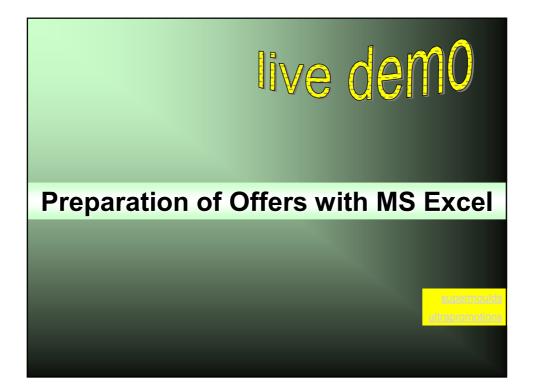




PREPARING OFFERS & QUOTATIONS Benefits of the Absorption/Total Costing method You know <u>ALL</u> costs associated with an Offer You know the Net Profit associated with every Offer You may introduce "tailored" and differentiated mark-ups -f.i. on <u>labour and materials</u> - and see the consequences. At a glance.



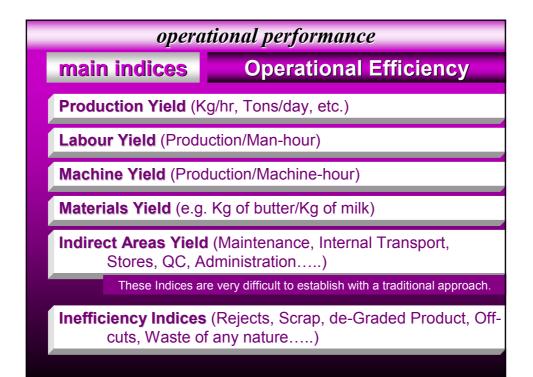
PREPARING OFFERS & QUOTATIONS
Benefits of the Absorption/Total Costing method
Standardisation: whoever has to prepare an offer follows a well understandable "scheme"
Estimated vs. Real comparisons are more effective and meaningful
Offers made over a certain period can be analysed statistically
► Indices can be introduced



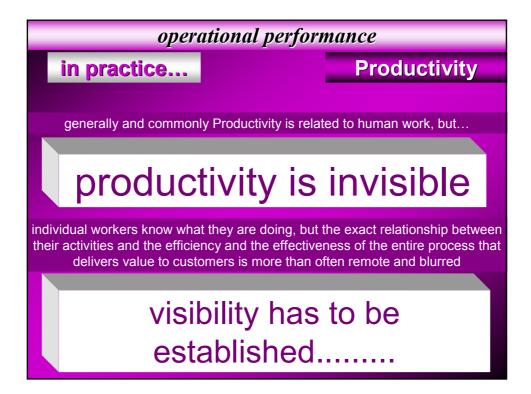




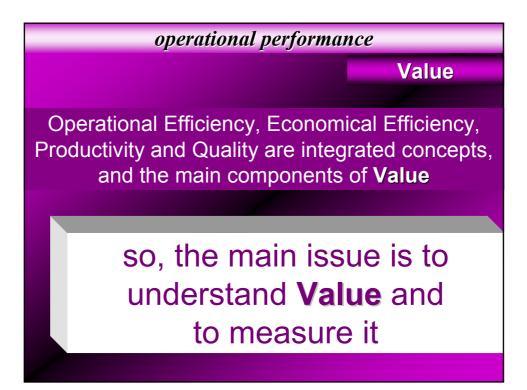








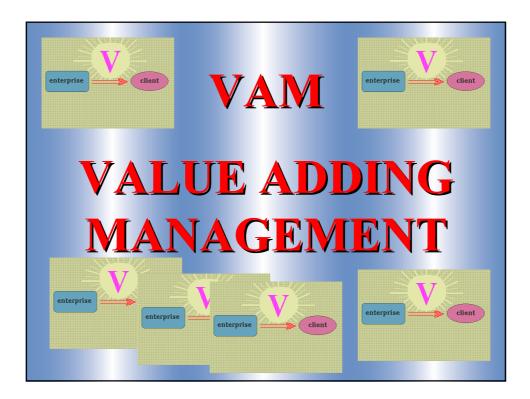








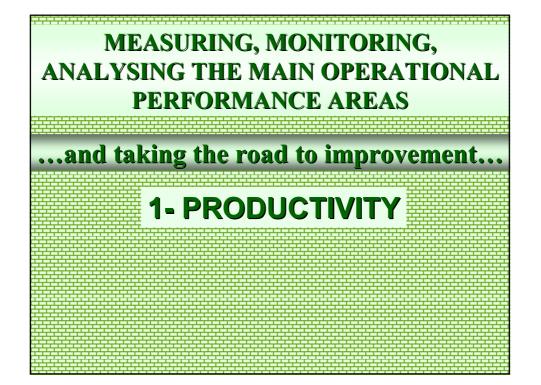


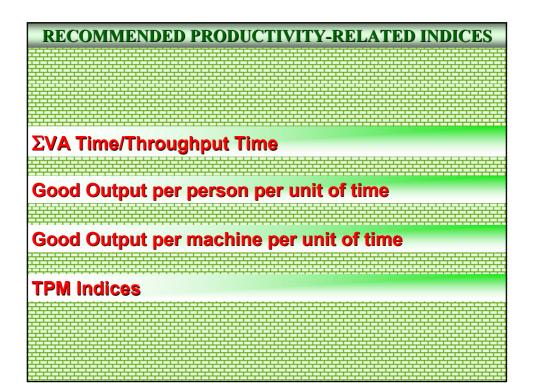




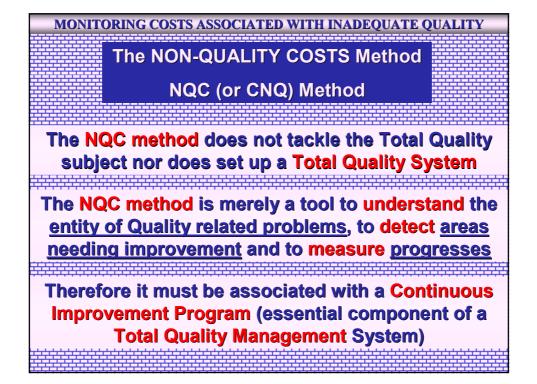


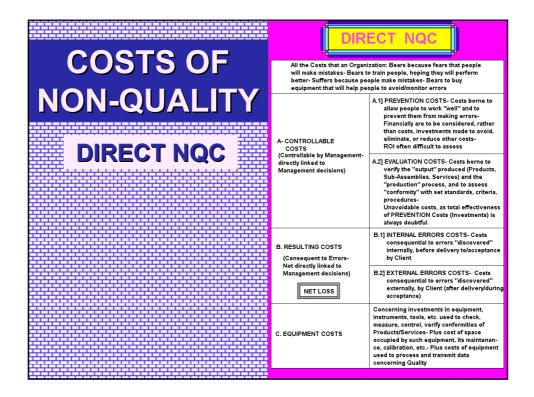
VALUE ADDED – MODERN INDICES **
 EVATime/Throughput Time Waste/Value Added**

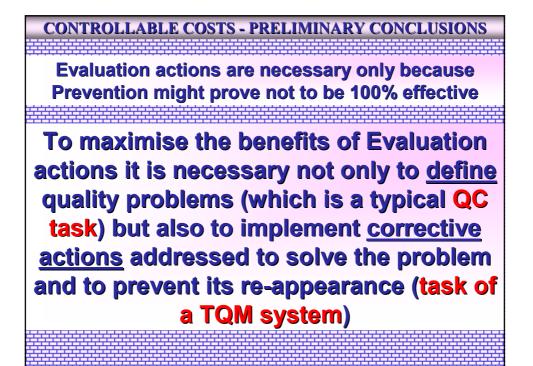


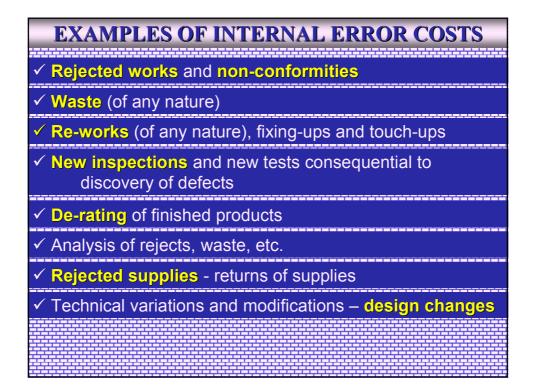




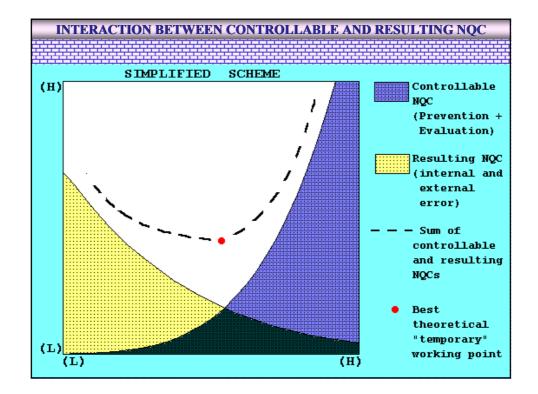


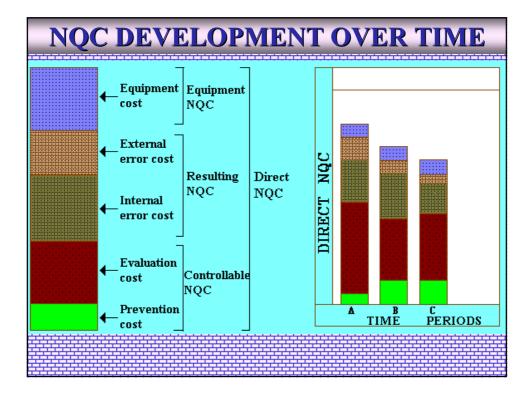


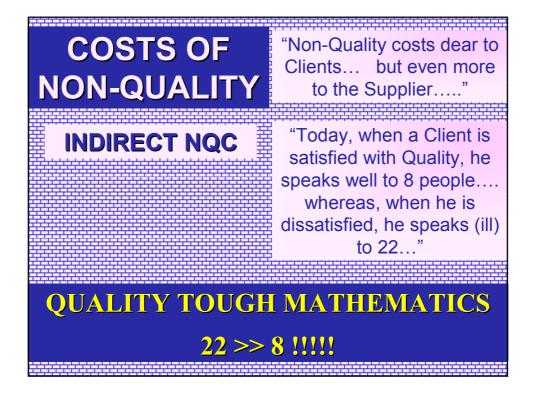




EXAMPLES OF EXTERNAL ERROR COSTS
 Dealing with rejections/non-acceptances of supplied goods or services (Enterprise + Client's costs)
✓ Dealing with claims (Enterprise + Client's costs)
 ✓ Dealing with Guarantee issues (Enterprise + Client's costs)
 Repairs (man-hours + materials + logistics) and corrective actions
 ✓ Re-engineering/re-design costs (Enterprise + Client's costs)
 Analysis of non-compliance (Enterprise + Client's costs)
✓ Reporting (Enterprise + Client's costs)



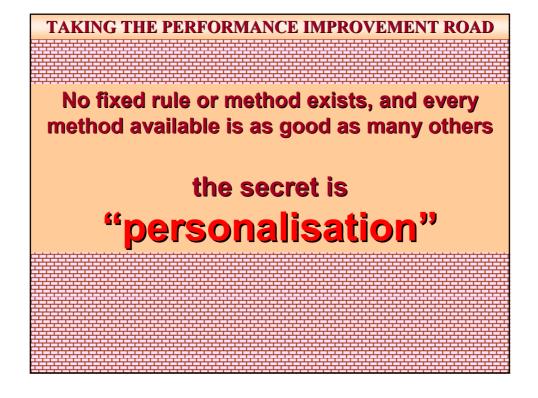


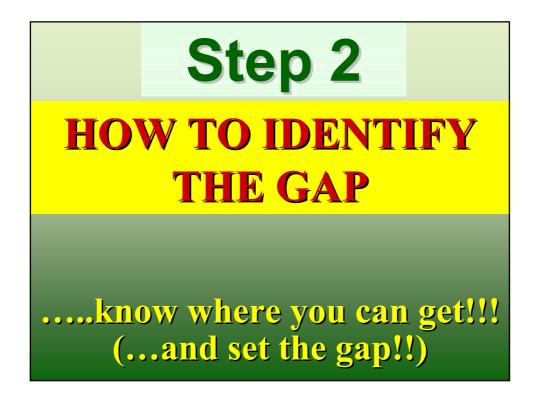


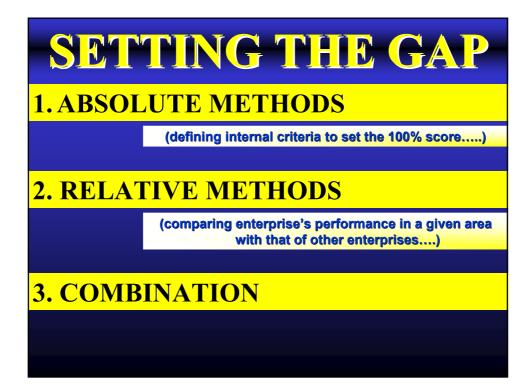


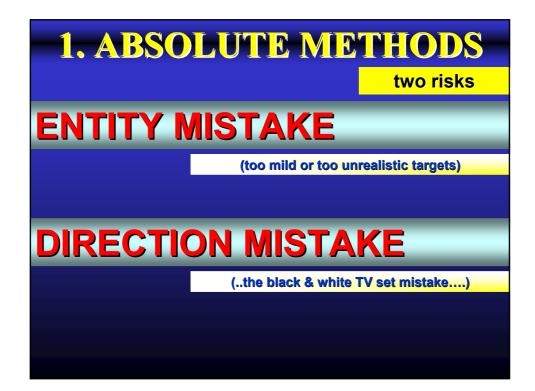










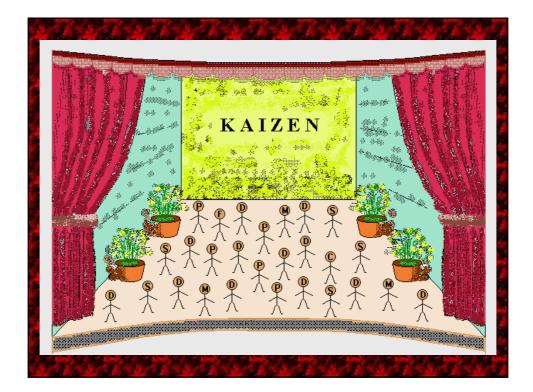


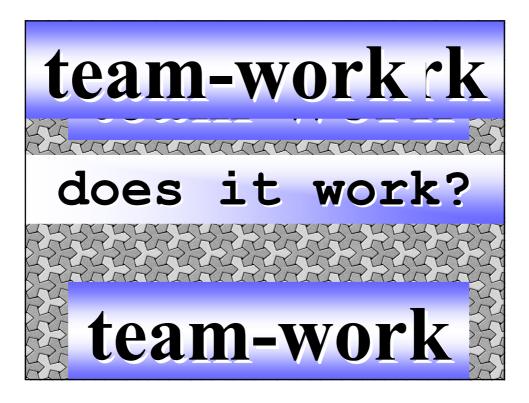


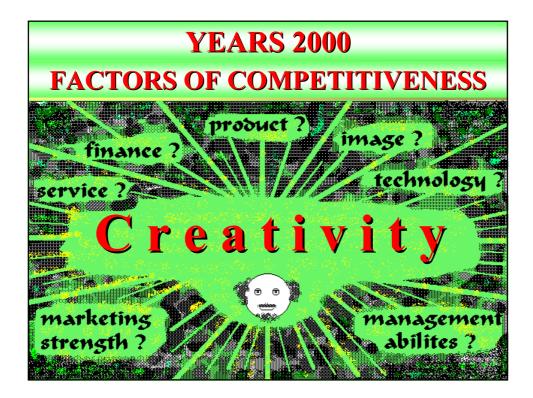


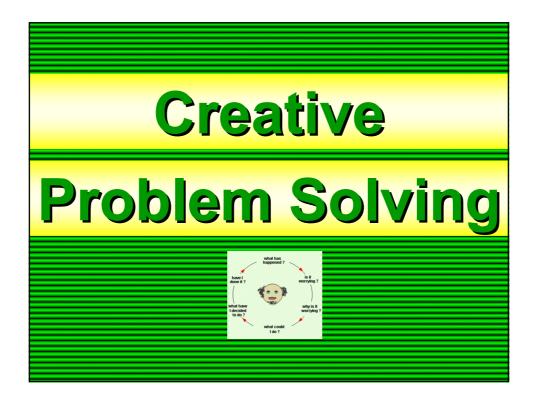






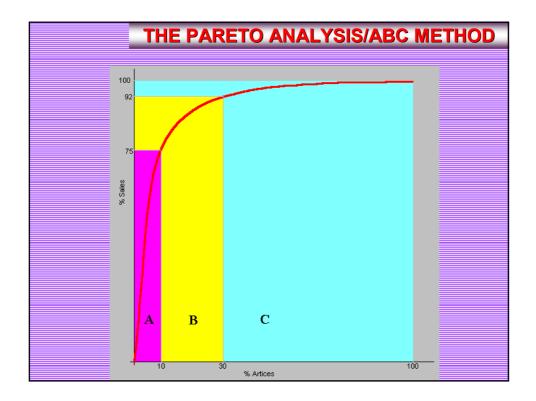


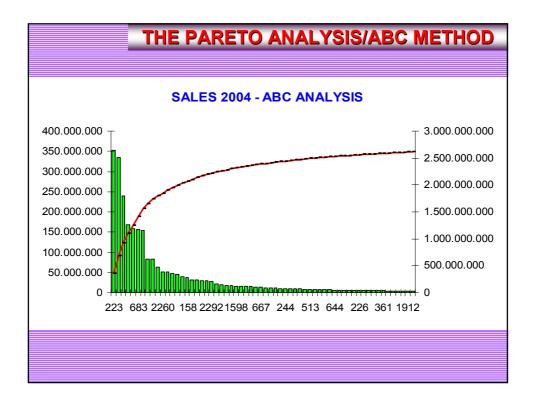


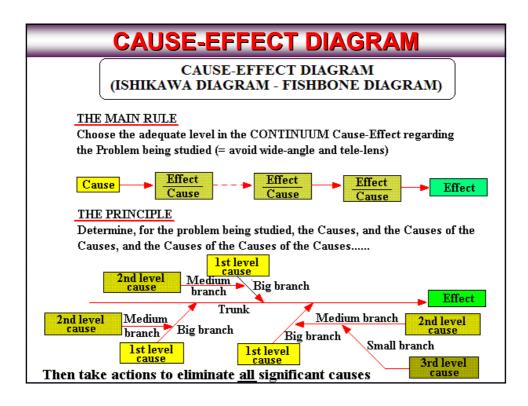




UNDERSTANDING PHENOMENA THE PARETO ANALYSIS/ABC METHOD In every lot of factors to be controlled it is possible to identify a small number of factors which have a great influence on effects Vice-versa, the majority of factors have small significance in terms of effect.







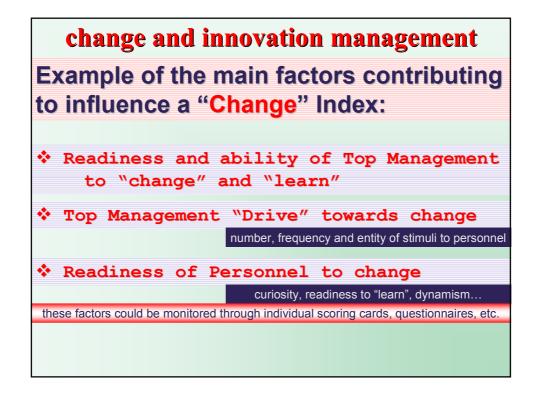


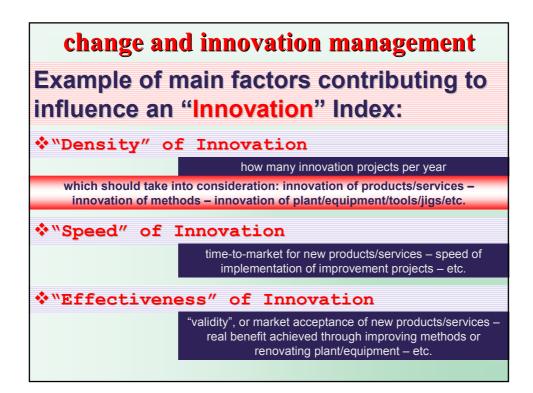




change and innovation management in a rapidly changing world, enterprises that do not change and innovate on a regular basis are condemned to stagnation and possibly failure (the "frog" sad story....)

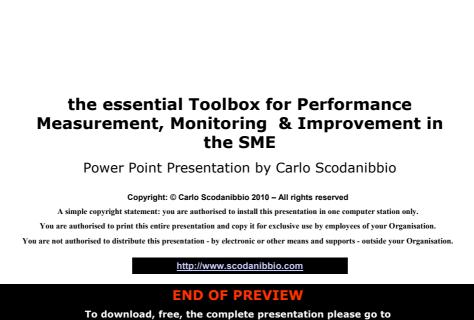
change and innovation management
Essential!
>Include - within the monitored
Performance areas - also some
significant Indices catering for
the "change" and "innovation"
factors
keep separate the two factors
"change" and "innovation"











o download, free, the complete presentation please go http://www.scodanibbio.com/site/present.html