



PROCESS IMPROVEMENT SYSTEMS














CopiRisco®

- Who we are?
- Our services ?
- How we act?
 - Model for service delivery
- Advantages for the customer
- Contacts

- CopiRisco is a consultant company with 15 years of activity;
- CopiRisco provide business consultancy and accountancy to its clients to a base that exceeds 100 Customers, of small, average and great dimension;
- With team work, loyalty and devotion and in a environment of innovation and continuous improvement, we offer specialized consultancy and accountancy services with the main purpose of creating value and competences in the organization;

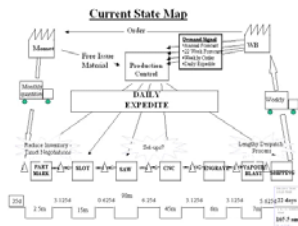
Process Improvement Some references

<p>Glass Industry</p>  		<p>Construction and services</p> 
<p>Automotive</p>  	<p>HealthCare</p> 	<p>Heavy Equipment</p> 
<p>Food & Beverage</p>  	<p>Pharmaceutical</p> 	<p>Tobacco</p> 

Support our Customers in productivity improvement, through a structured process, based on the application of tools, according with the specific needs, and based on the methodologies Lean, Lean Six Sigma, Total Quality Management and EFQM, to guarantee fast and solid results and sharing the risk of the process of change.



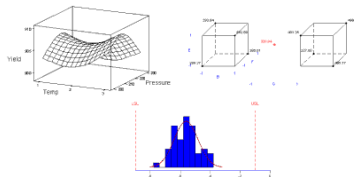
Lean Manufacturing



Based on the reduction of non value added activities.

- Implementation of integrated Lean Systems;
- Design of Manufacturing Systems based in Lean concepts;
- Lean Training;

Lean Six Sigma



Based on the reduction of standard deviations between the mean and the nearest specification limit in any process

- Lean Six Sigma Deployment;
- Lean Six Sigma Green Belt;
- Kaizen Lean Six Sigma;

Process improvement Systems Lean vs Six Sigma

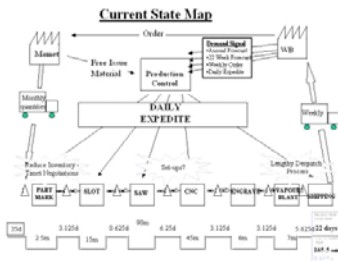
FOCUS	
LEAN	SIX SIGMA
Materials, effort, time	Variability of processes
Balancing Productive Flow	Identification of causes root of the problem
Cycle Time Reduction	To assure exits uniforms of processes
Critical to productivity	Critical to product and quality of process

One Sigma Improvement	Gains
Profit margin increase	20%
Capacity increase	12% - 18%
Labour costs reduction	12%
Investment Reduction	10% - 30%

Source: *Six Sigma: The Breakthrough Management Strategy Revolutionizing the World's Top Corporations*, by Mikel Harry and Richard Schroeder (Doubleday, 2005)

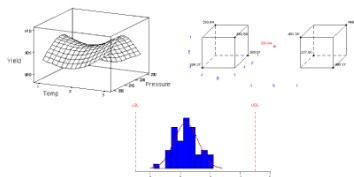


Lean Manufacturing



- Value Stream Map
- Kanban
- Cell Design
- Time study
- Set-up's improvement (SMED's)
- Performance tracking
- 5S's
- Kaizen Workshop

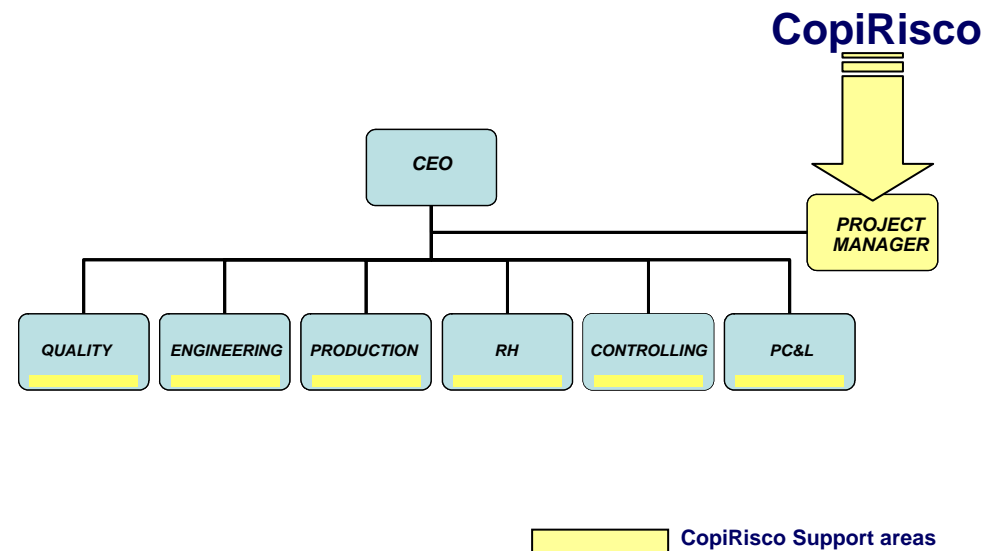
Lean Six Sigma



- Lean Six Sigma Green Belts Training
- Kaizen Lean Six Sigma
- Design for Six Sigma

The actions developed will be carried through by the existing structure of the organization, being all the process led by the responsible collaborators for the processes.

The organization is fortified during the implementation of the improvement process, all the knowledge acquired is maintained in a structuralized form to continue to grow after the system is implemented

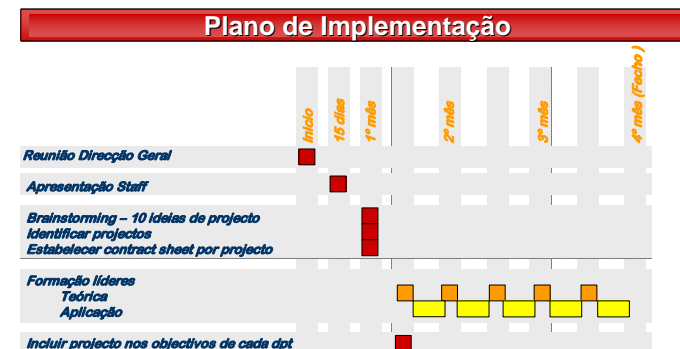


The process developed by Copirisco will be drawn in order to support the organization to reach the strategic objectives of the same one.

The methodologies are specific for each Customer, intending to be a catalyser of the organization helping the diverse involved departments to reach the definite goals.

All the processes will be implemented in accordance with the values of the organization.

We support the creation of value inside the organization.



GLOBAL

Independently of being an industrial company or services, part of the costs happens in production processes or administrative processes, like purchases, logistic, sales among others.

In this way, the approach is made by the analysis of the circuit of the *money* inside of all processes of the organization, with the objective of identification of waste.



Transactional Processes

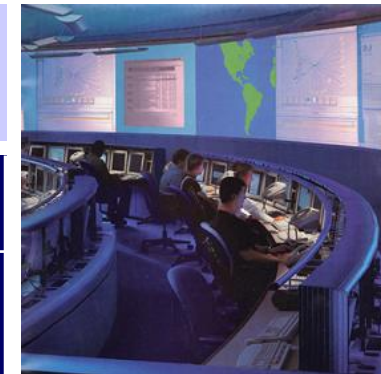
- **Product Development Lead-time**
- **Communication cost optimization**
- **Indirect material Cost reduction**
- **IT Cost reduction**
- **Call Centers efficiency improvement**
- **Payroll processes improvements**
- **Procurement processes improvements**
- **Payables processes improvements**
- **Absenteeism reduction**
- **Reduction of product changes costs**
- **Product specifications improvements**
- **Product Launch**

Productive Processes

- **Improve equipment cycle time**
- **set-up time optimization**
- **Reduction of floor space utilization**
- **Reduction of raw material cost**
- **Standardization of productive processes**
- **Value Chain optimization**
- **Supplier Value Chain Optimization**
- **Optimization of Material Utilization**
- **Improvement on Labour utilization**
- **Improve Quality issues**
- **Reduce transport cost**

Transactional Processes

	profits
Projects Green Belt	>50 000€ per project



When you think ... Breakthrough Performance In Under A Year

Here is what our clients say:

"We're energized by the \$135 million savings resulting to date from our Value Based Six Sigma initiative, and intend to continue to expand the use of this strategy. With the continued deployment of the improvement tools and our new Value-Based Product Development initiative, I believe ITT has the potential over time to deliver performance consistent with a premier multi-industry company."

Lou Giuliano, Chairman, President and Chief Executive Officer, ITT Industries



Este ano, lançaremos um programa corporativo para identificar e obter outros ganhos de produtividade utilizando o reconhecido conjunto de ferramentas do programa Six Sigma. Aplicaremos essas ferramentas em todas as nossas operações, procurando todas as oportunidades para reduzir o desperdício e a variabilidade, encurtar os tempos de ciclo e aumentar a eficácia. As quantias economizadas podem ser usadas para proporcionar ainda mais ao público — financiar um estudo clínico que apoie uma nova indicação, ou uma pesquisa de mercado, para levar nossos produtos a mais pacientes que possam ser ajudados por eles.

Nessa jornada, acredito que enfrentaremos desafios empresariais atuais e futuros. Maior produtividade é a chave para promover os resultados financeiros que nossos acionistas esperam e merecem. Mas também é essencial para que possamos continuar

Sidney Taurel
CEO e Presidente do Conselho da Eli Lilly & Co.
Relatório Anual de 2004

Productive Processes	
Processes	Savings
Products Administrative Processes Suppliers	Reduction > 50% cycle time
Equipment	Set-up time improvement above 30%
Internal Processes Supplier – Plant Warehouse	Inventory control
Production areas Administrative area	Floor savings > 30%
Operational Control	Productivity > 25%
Production	Productivity > 25%



We consider that in the way of obtaining profits a discovery process always exists, that has implicit a certain degree of unfamiliarity, in terms of the certainty of attainment results, CopiRisco, understands this distrust on the part of the Customers, however, our confidence, our degree of certainty in the partnerships and gotten results already, take us it to share the risk of the Customer project.



How we work? Implementation Model

We defend that the implementation of a project that implies a cultural change and processes change, must be carried through structuralized way, consistent form and with a addition of knowledge of the current structure of the organization.

Our proposal is based on the support to the existing organization, strengthening the knowledge in the diverse areas of the company in order to modify of a structuralized and continuous form the way of acting of all the departments.



CopiRisco

- **We are a privileged partner in the support to the management and not a mere lender of consultant services**
- **Our proposal of value is differentiated by the support in the systematization of implementation of Lean Manufacturing and Lean Six Sigma in detriment of prompt actions**
- **We assume an proactive intervention next to our customers, with a constant dialogue and strong focus in actions with the objective of the permanent improvement**
- **Our process guideline for the support in the growth of the organization in supported way, through a process of internal growth that remains for the future**



Contacts

Office - Portugal

Pedro Santos
Luis Mesquita

Rua da Junqueira
Zona de Ampliação do CCL, 1º andar, Sala 4
1300-346 Lisboa

Phone. +351 21 361 61 20
Fax. +351 21 361 61 29

Email. copirisco@copirisco.pt
Web. www.copirisco.com