



# AGMPM – Quality & Lean Card Nr 1

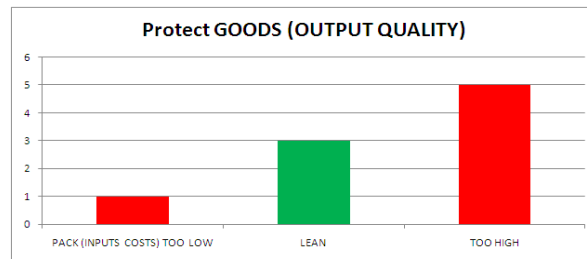
## What?: Lean Packaging

**Eco6s**  
 Statistical Analysis  
 Environmental Analysis  
 Technical Analysis

Epicurus Επίκουρος, ataraxia & aponia (341–270 BC) « Create Values , do not destroy them ».

**WHAT** Lean Program is used to pilot the Quality as lean as possible.  
 Lean means not too much, not too low but just what is needed.  
 Lean Program is using Quality Tools to reduce Costs & assure Quality

**WHY** To create Values for a Win Win situation for internal & external Clients.  
**VALUE is the relation between QUALITY and COSTS (  $V = Q/C$  )**



**HOW** Scientific & Statistic methods are used to modelize the Pack System, analyze created Values, predict performances & create new Values.

### The Eco6s Tool Boxes for Lean Packaging

DEFINE	Critical Elements & Targets Critical Functions	Q. Function Deployment ( $V=Q/C$ )
MEASURE	Functions, Methods, Norms Specifications & Variations	$F(X)=Y$ . Model & Specifications
ANALYZE	Relation between Variables Variations of F, X and Y	Failure Mode & Effects Analysis
IMPROVE	Relations & Variations of XY Invest for Return on Quality	Design of Experiments (D.O.E.)
INNOVATE	Create Values without losing them	The 8 RE-Actions of Lean Packs
CONTROL	Performances, Trends and Variations of Pack Runs	Statistical Process Control for Pack
COMMUNICATE	Review of Specifications Created Values	RoQ & RoI: Return on Investment

**WHO** Quality & Industrial Teams to analyze Performances during Processes  
 R&D Teams to analyze Raw Materials and Customer Specifications  
 Management Teams to create Values within internal/ext Values Chains.

**WHEN** Actions and the 8 RE-Actions to be planned with Targets Proceedings