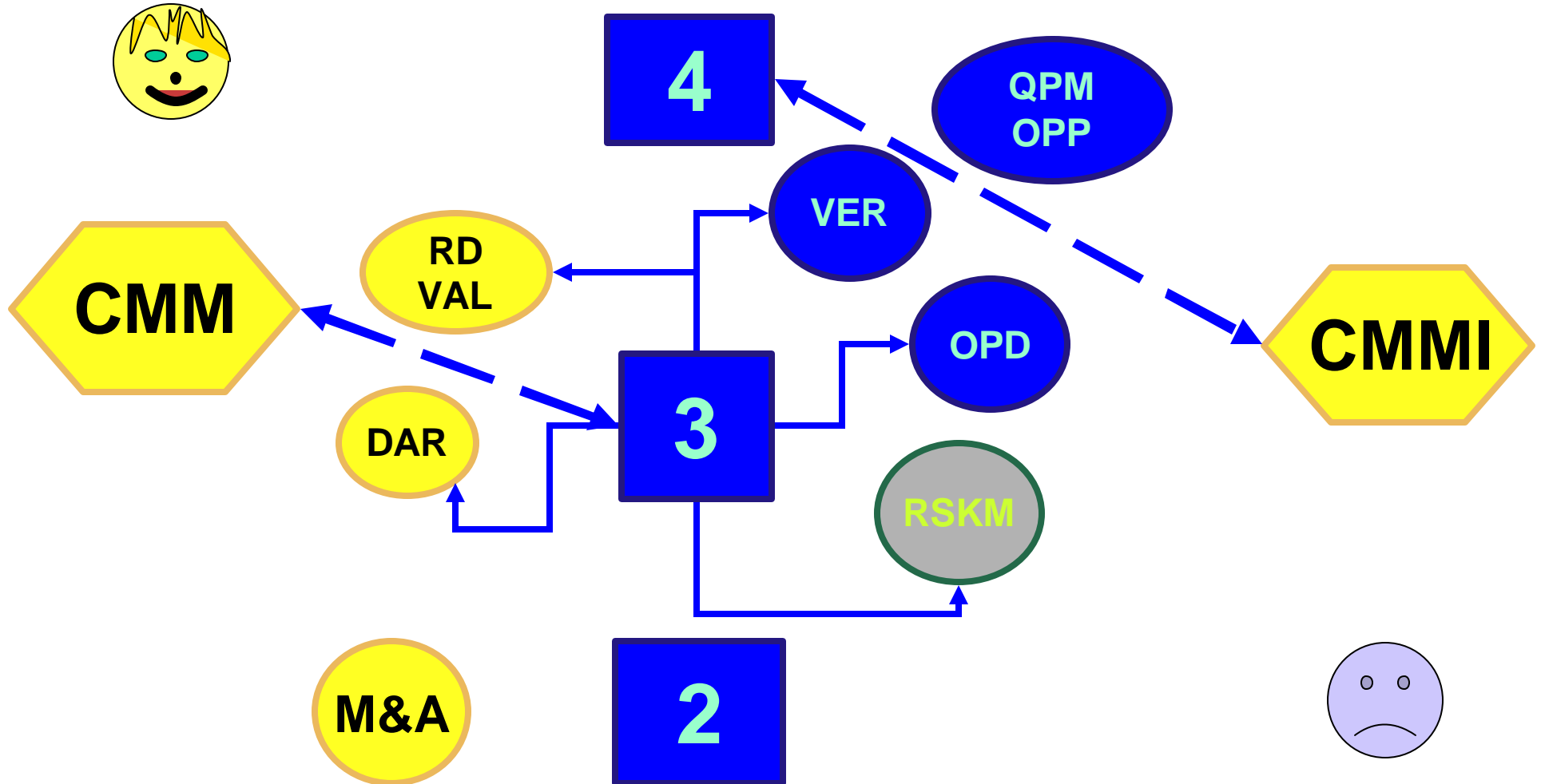
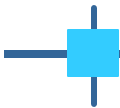


CMMI Level 4 preparation The Story of the Chicken and the Egg

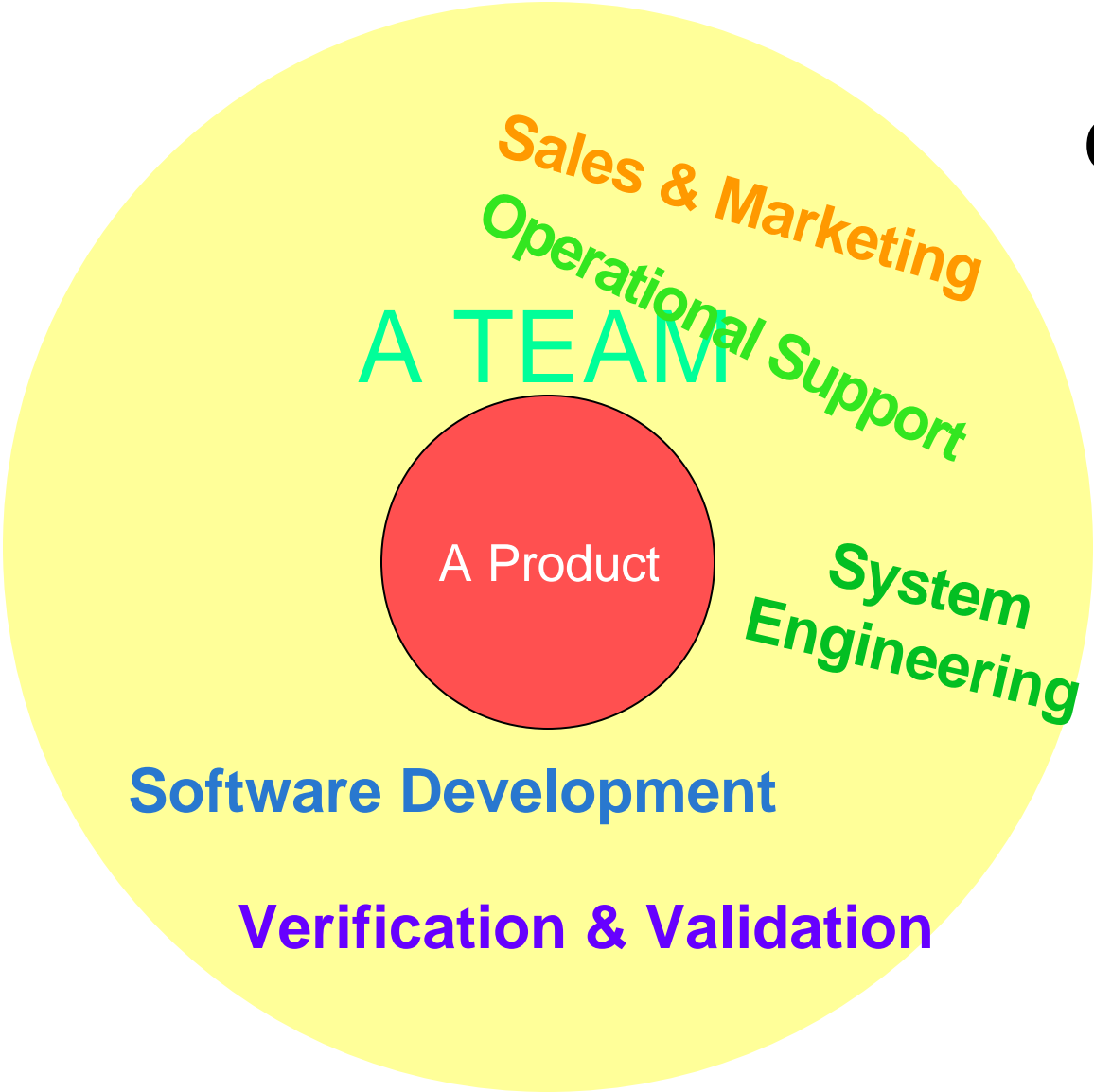


European SEPG
London the 19th of June



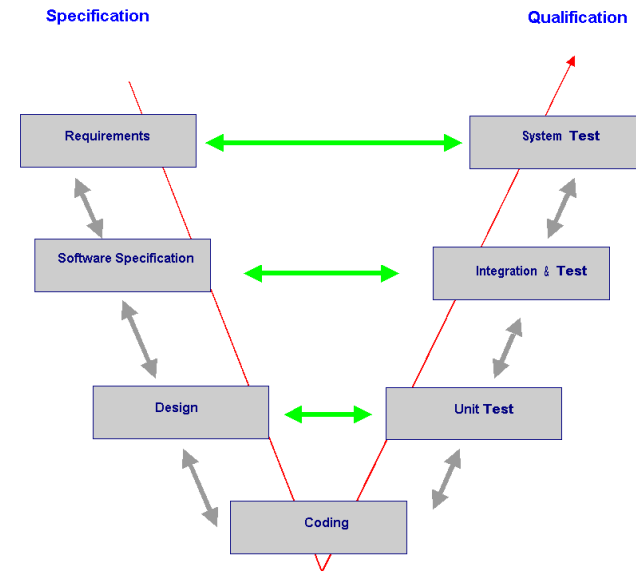
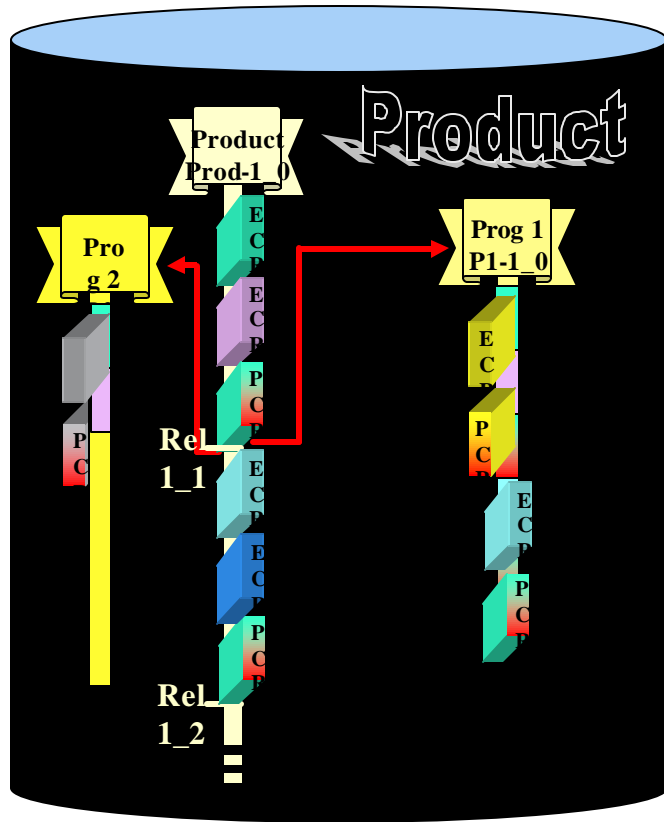


Customer

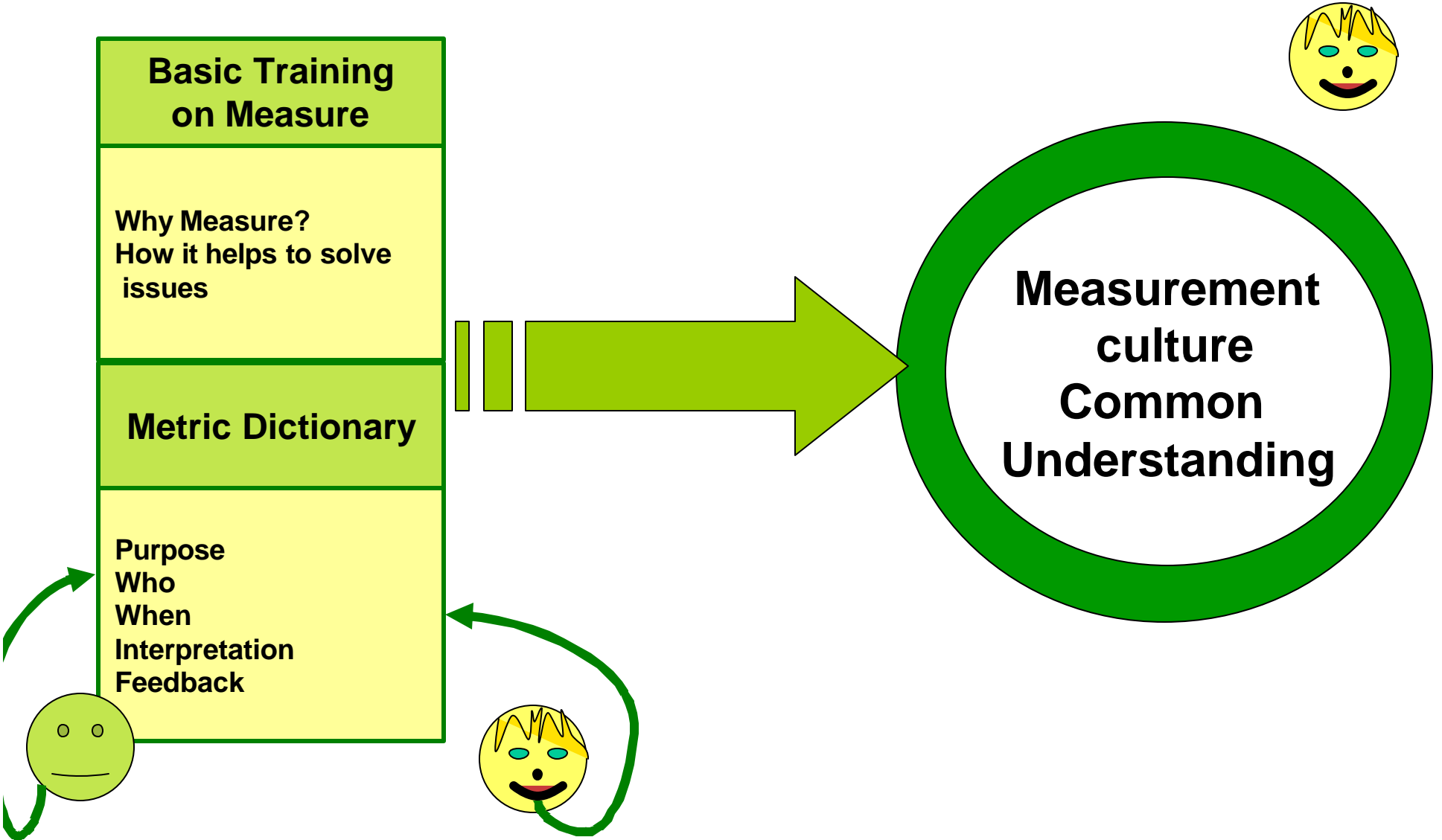
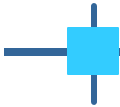


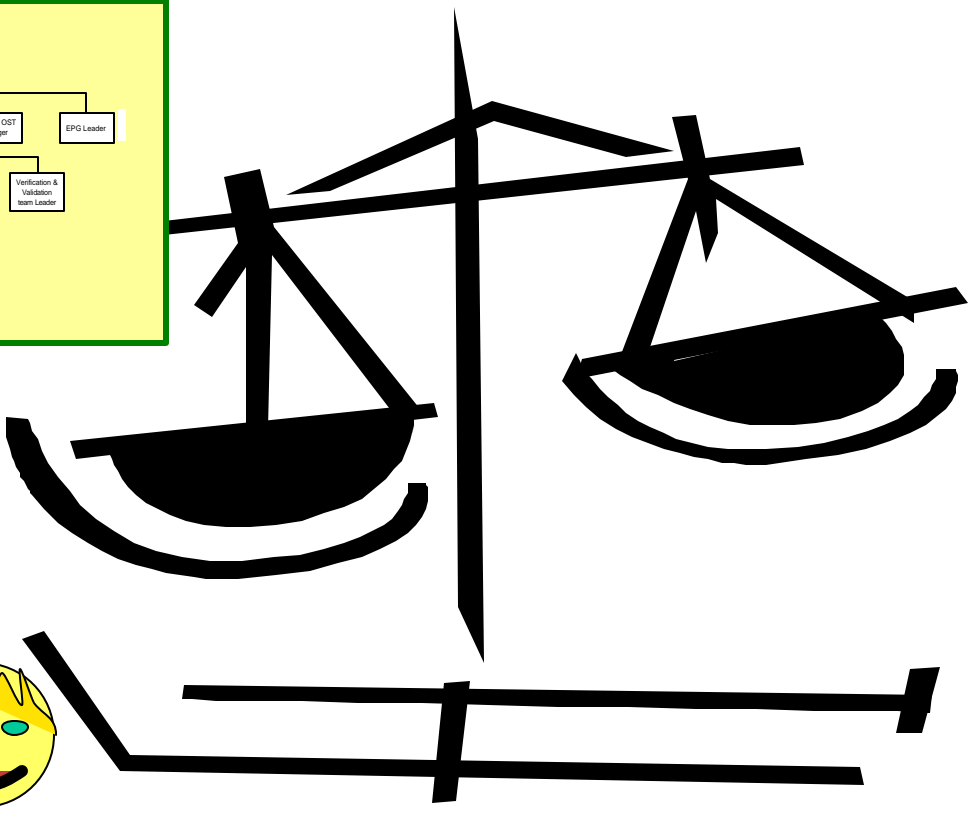
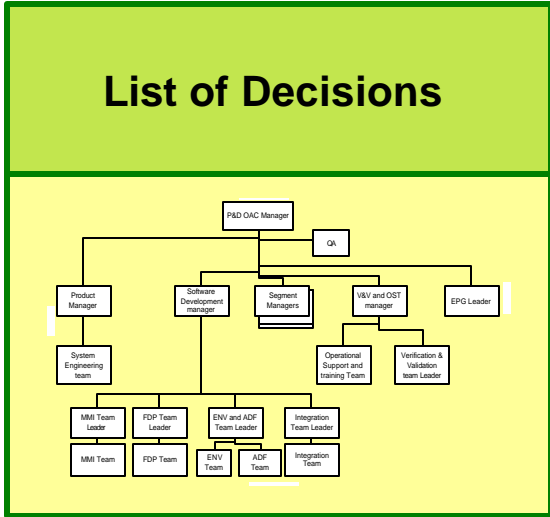
The product line development process

Several ECR per Program
Programs developed in parallel



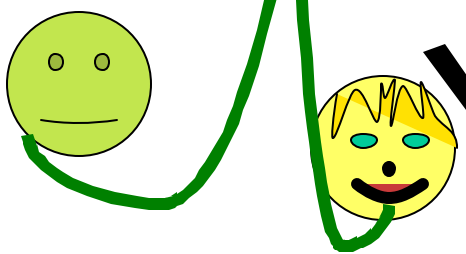
ECR PROCESS





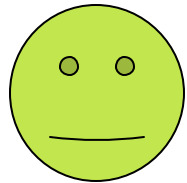
Decision Techniques

- Alternatives
- Criteria
- Roles
- ...



Customer

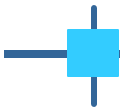
Developer



Understand the
system
features

Understand the
system
operational use





Program Managers

Risks identification

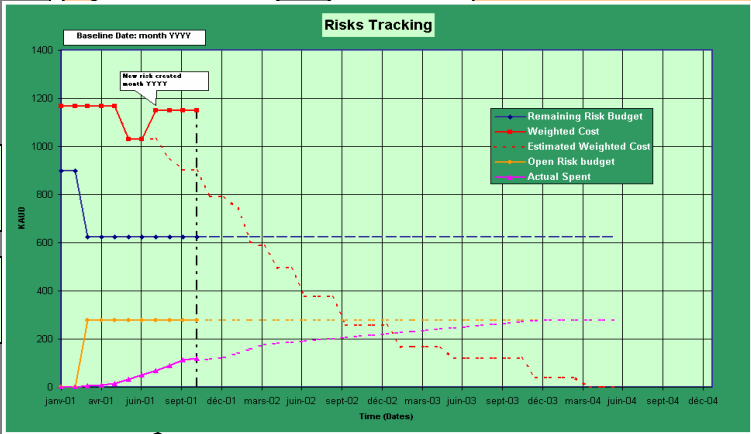
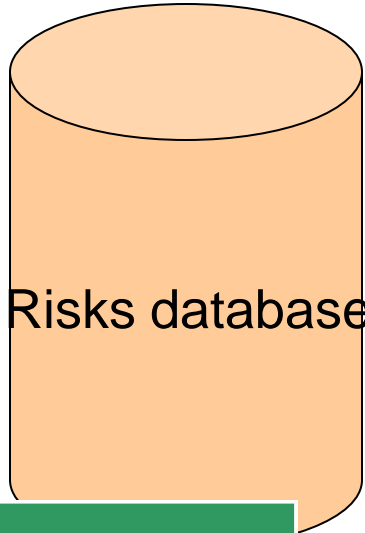
Risks assessment

Planning of risks closure

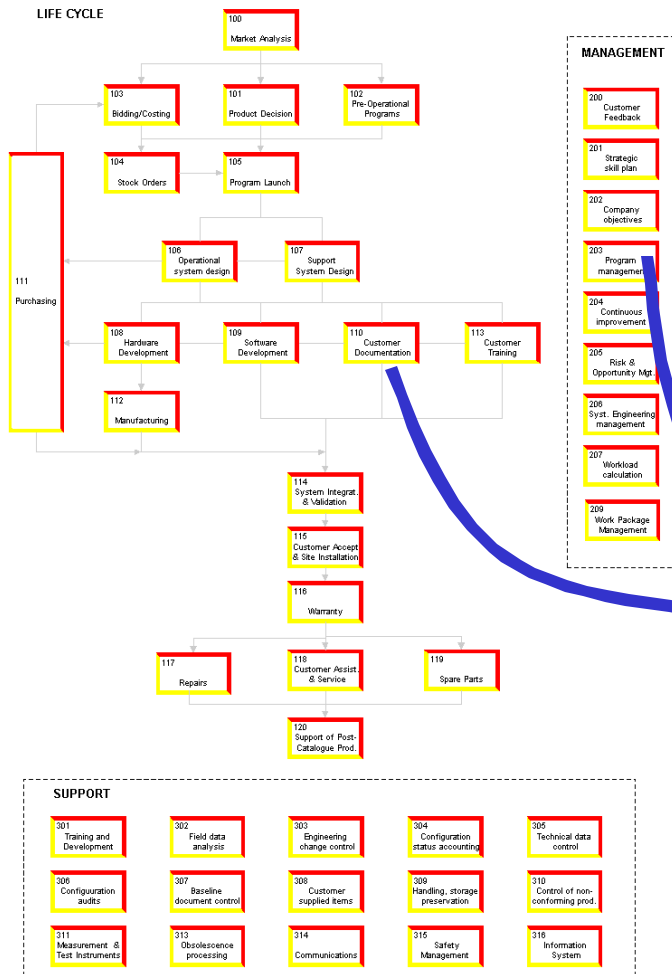
Planning of actions

Risks monitoring

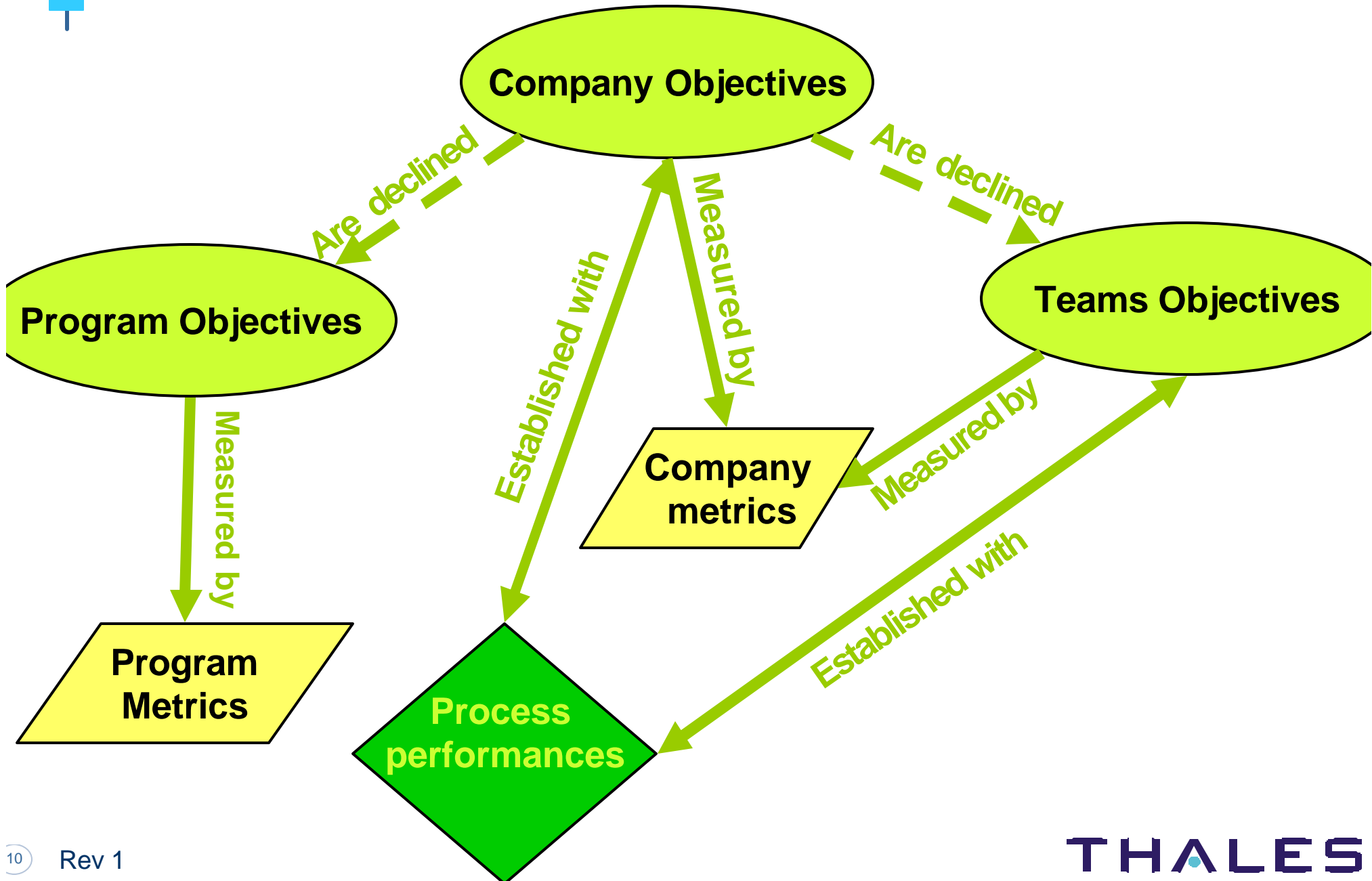
Actions taken

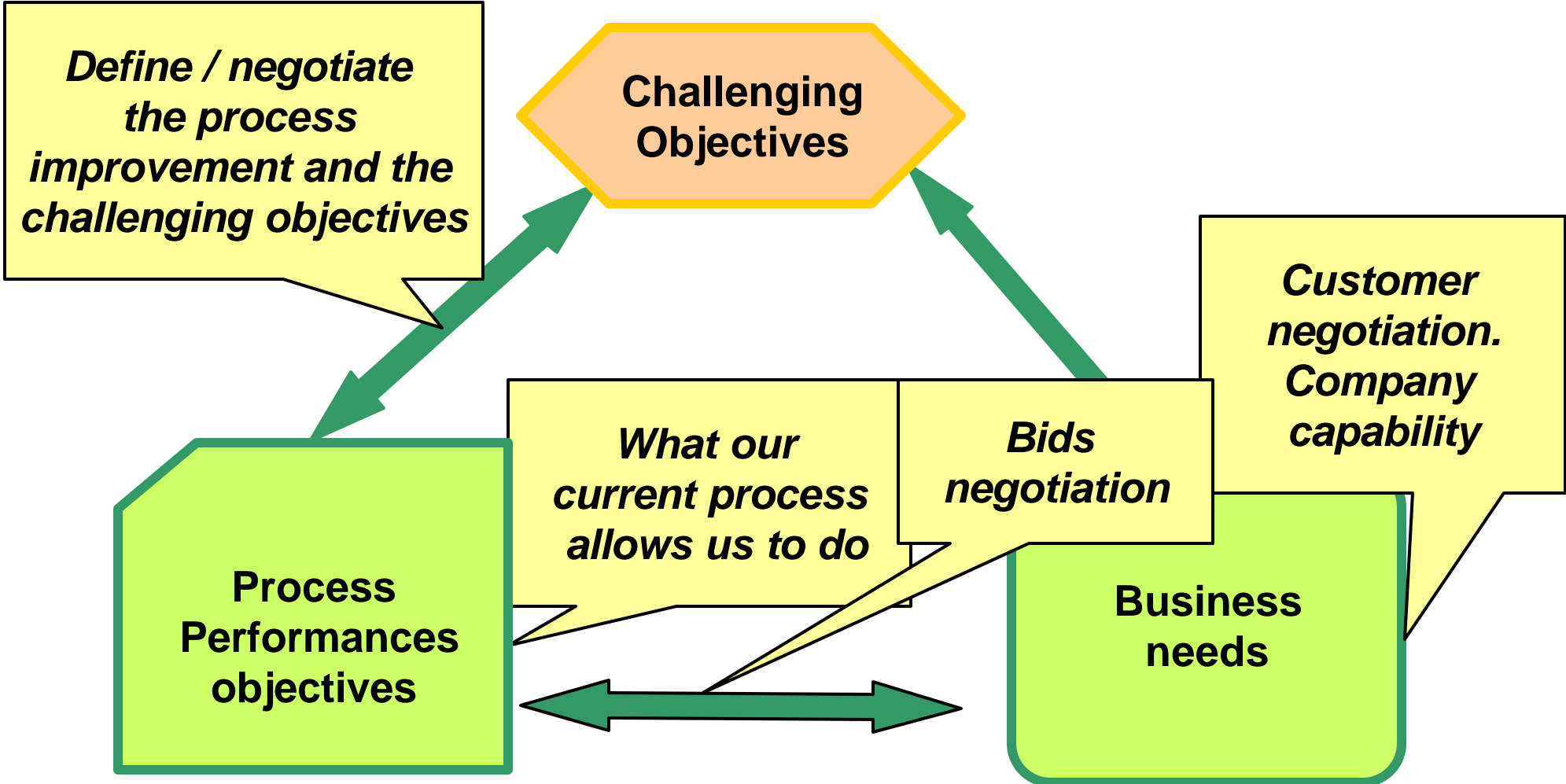


Process Management - Contribution to Level 4

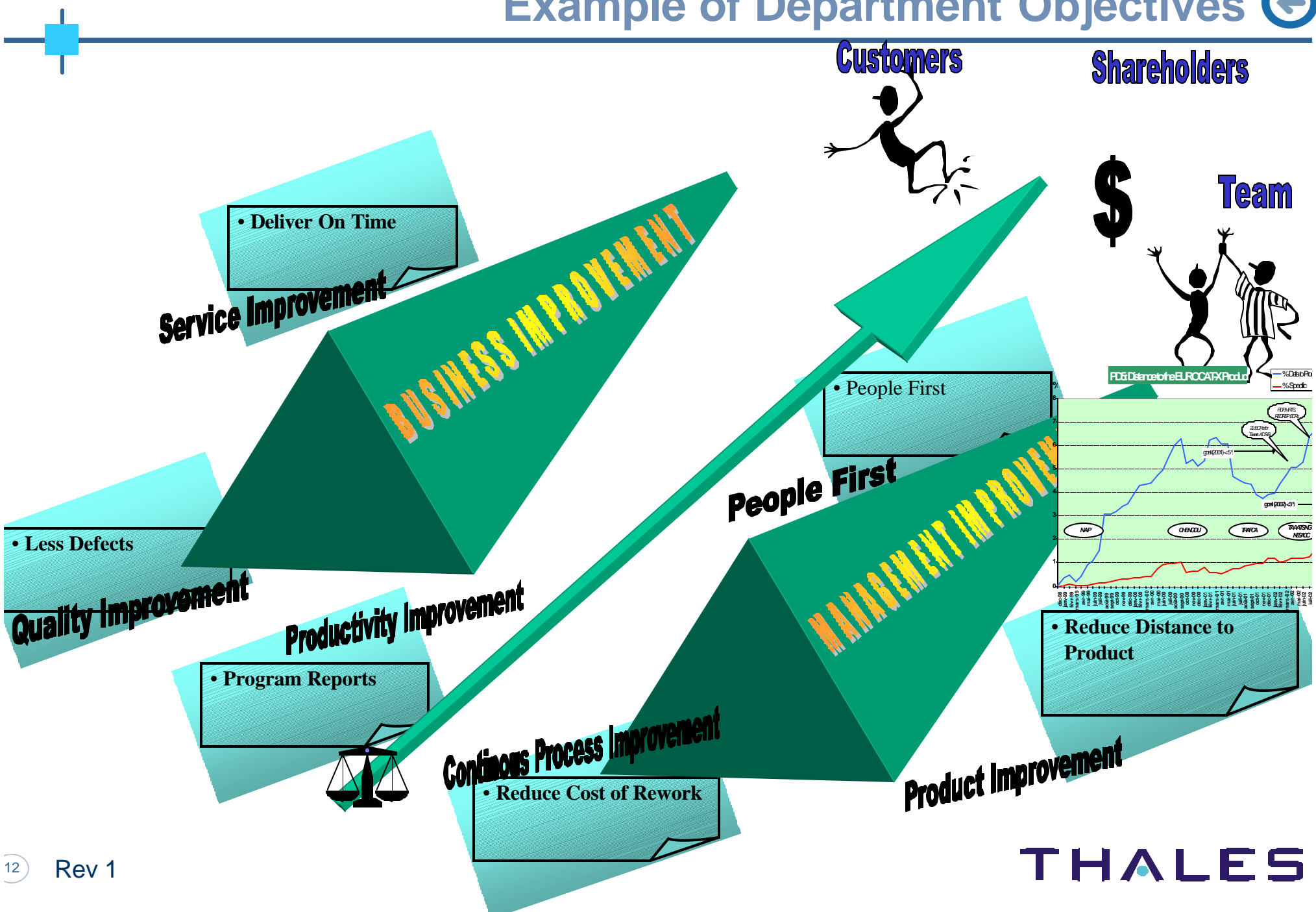


Objectives, process performances and measures

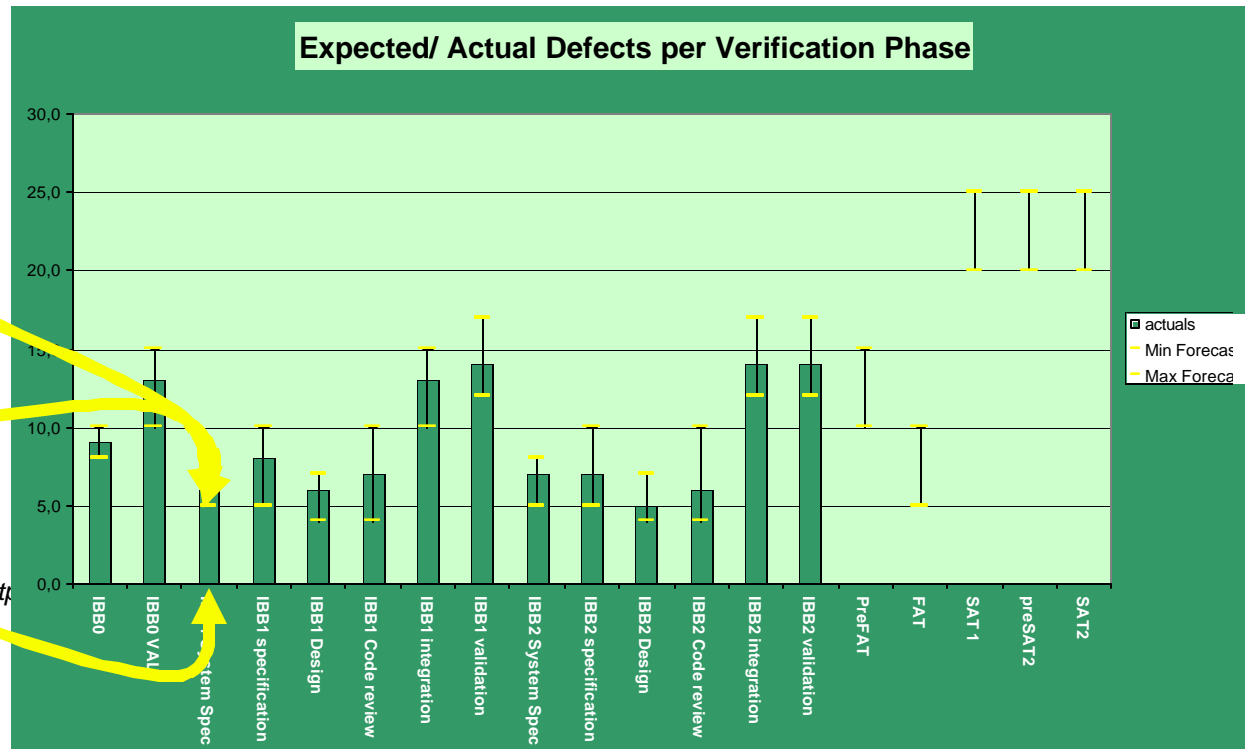
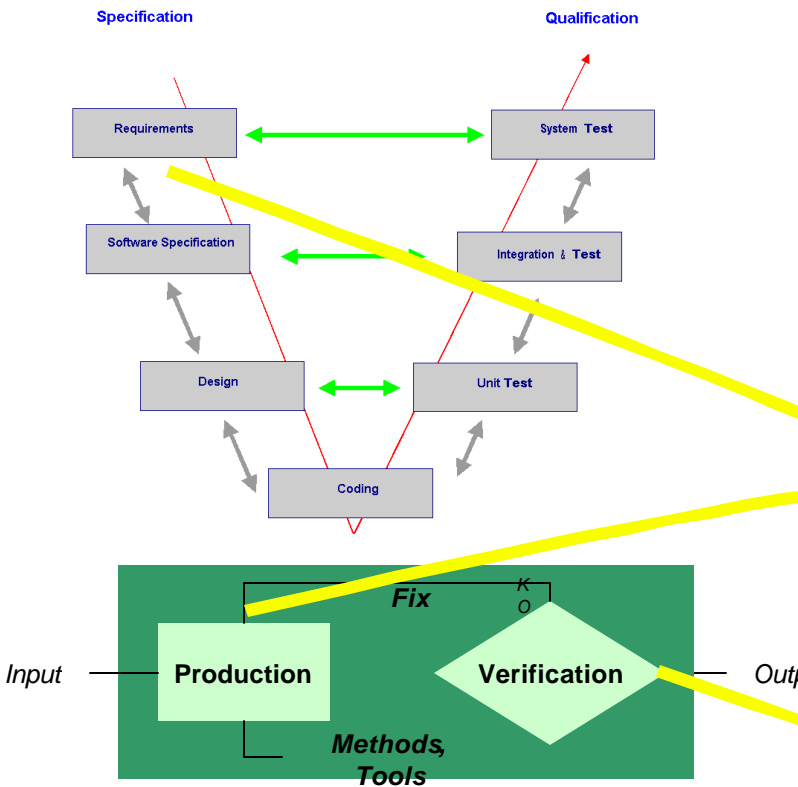
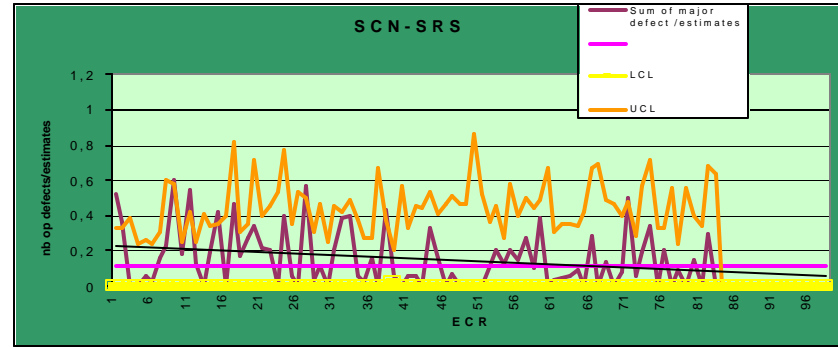




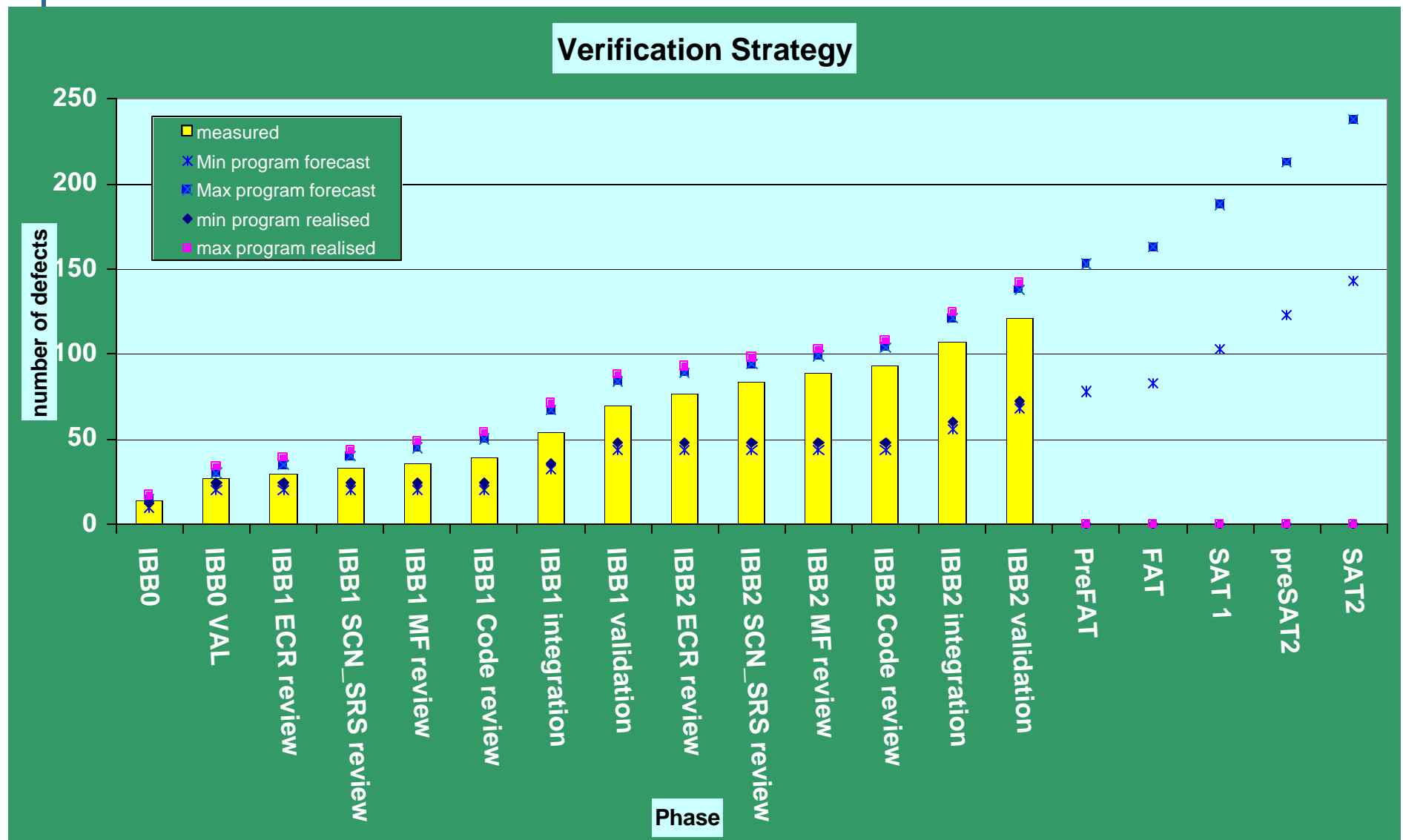
Example of Department Objectives



Process controlled: production and verification of the requirement, design and code processes



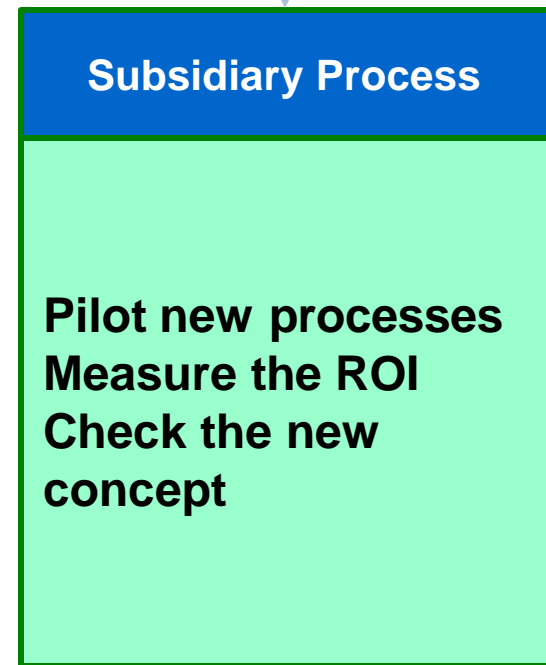
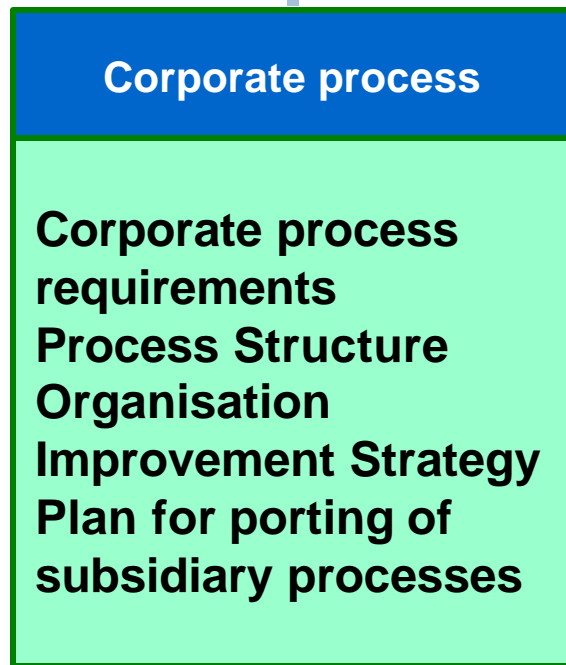
Monitoring Program Objectives



Corporate Benefit and Return on Investment



Process Requirements for development Strategy



High Return on Investment Practices

The path to CMMI level 4 contributed to the business objective by giving::

- visibility in the future with a known level of confidence
- improving all the processes thanks to the measurement vision
- return on investment due the earlier defects detection, the improvement of risk management and better control of our programs

We have learnt to put a process under statistical control and use this skill to extend the number of processes controlled statistically.

The future leads us to improve the product obsolescence projects management, to improve the selection of process improvements and to reduce the number of defects injected.