

Systems view of QM (like SIPOC)

set of international standards that establishes requirements for companies' quality management systems

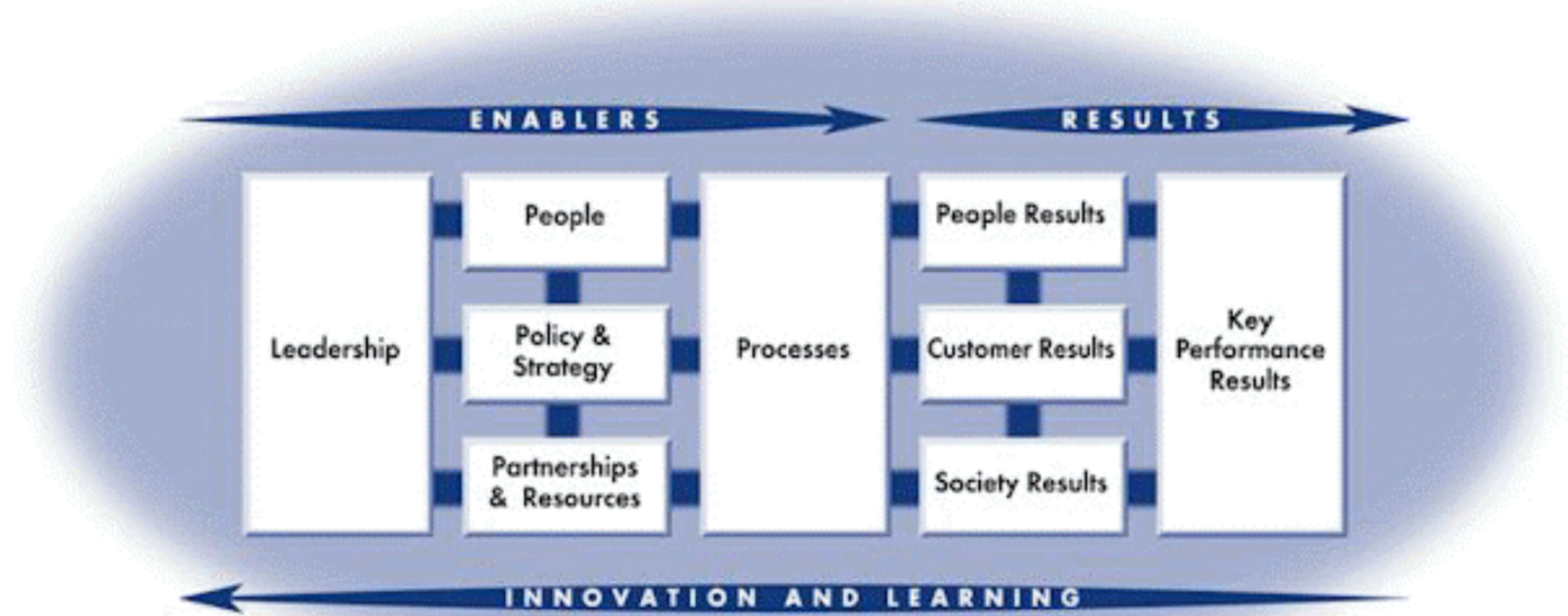
- Should be customer focussed
- Should be measured
- Should be improvement driven
- Top management commitment to maintain & improve management systems

ISO 9000

EFQM Excellence model

- Enabler
 - Leadership
 - People
 - Policy & Strategy
 - Partnership & resources
 - Processes

- Results
 - People results
 - Customer results
 - Society results
 - Key performance results



TQM

- Does quality apply to all parts of the organization?
- Does everyone in the organization contribute to quality?

Service Level agreements --> **SLA's**
To satisfy external customers, you have to satisfy the INTERNAL customer --> **Internal customer concept**

"Neglecting the potential that is inherent in all people is neglecting a powerful source of improvement"

Quality = Consistent conformance to customers expectations

Quality management
Slack et al chapter 12 (2009)

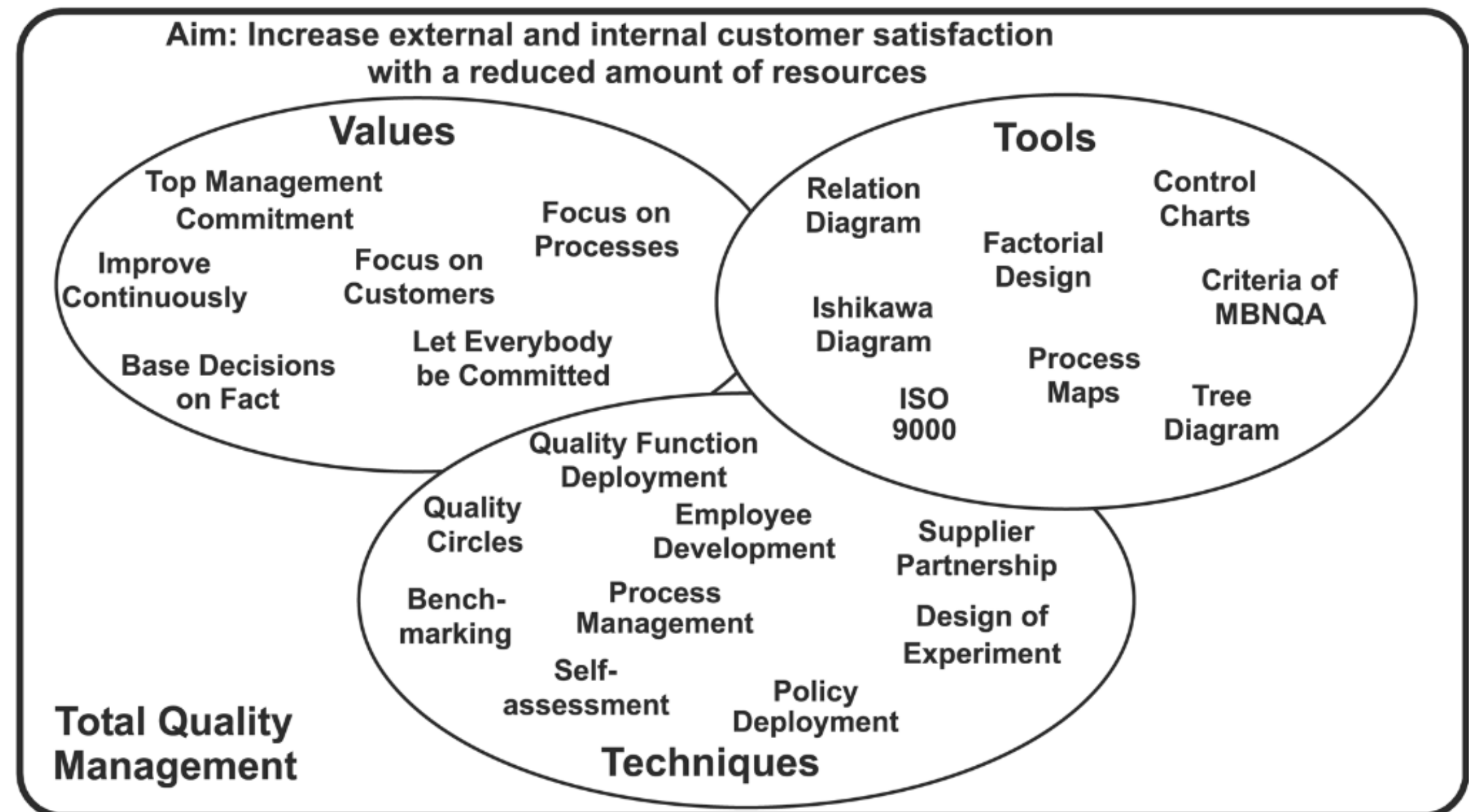
Diagnosing quality gaps

- Gap between what company's internal quality specification is and what customer may expect (e.g. 10k vs 15k km a year)
- Concept specification gap --> mismatch between product or service concept and how company has internally specified product/service --> cheap car vs. expensive car
- Quality specification - Actual quality gap --> mismatch between actual quality and defined internal quality specifications --> Airline is offering free drinks albeit not defined
- Actual quality - communicated image gap --> Mismatch between what's been communicated and delivered

Project management quality



Quality planning, Quality assurance, Quality control, TQM --> **Holy triangle of the project manager**



Note: The techniques and tools in the figure are just examples and not a complete list. In the same way the values may also vary a little between different organisations and over time
Source: From Hellsten and Klefsjö (2000)

Table 14.1 Project management maturity grid

Level 1 Initial process	Level 2 Repeatable process	Level 3 Defined process	Level 4 Managed process	Level 5 Optimised process
Can the organisation recognise projects and run them differently from its on-going business?	Does the organisation ensure that each project is run with its own processes and procedures to a minimum specified standard?	Does the organisation have its own centrally controlled project processes and can individual projects flex within these processes to suit the particular project?	Does the organisation obtain and retain specific measurements on its project performance and run a quality management organisation?	Does the organisation run continuous process improvements and with proactive problem and technology management – innovation and growth?

(Adapted from Office of Government Commerce, 2006c)