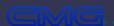


"Keep It Simple"

On over-sized BSC (and other) measurement programmes

Rini van Solingen
Principal Consultant
CMG-TTI, RTSE1, The Netherlands

rini.van.solingen@cmg.nl

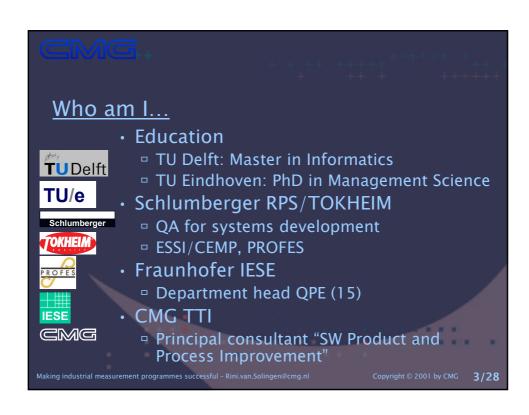


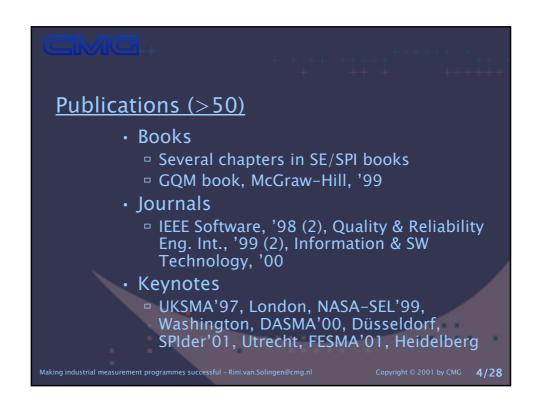
Objective

"To discuss why company-wide measurement programmes tend to explode and therefore collapse"

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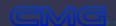




Contents

- Introduction
- Needs for measurement
- · What is the Balanced Scorecard?
- Fail and success factors
- BSC mistakes & recommendations
- Conclusions

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Common questions:

- 1. What is the size of your system?
- 2. How long do you need to properly develop a feature of a certain size?
- 3. How long will a change request take to be implemented?
- 4. What is the chance that your product fails?
- 5. Where do you need to improve most?
- 6. Will your end-user be happy?
- 7. How many defects do you (probably) release to your customer?

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Can you give good answers?

Most companies can't!

But how can you manage then?



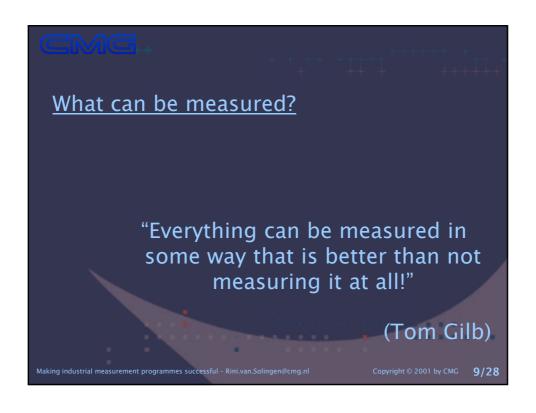
Why measure?

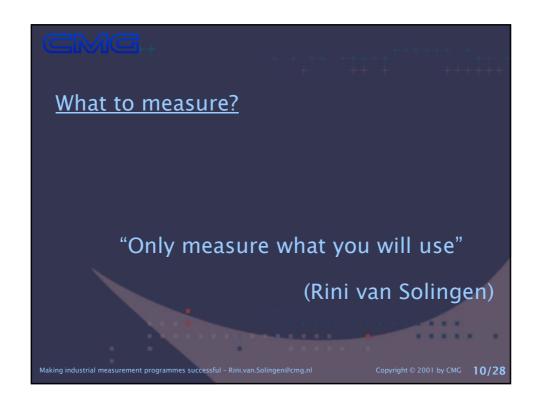
"You can't control, what you can't measure"

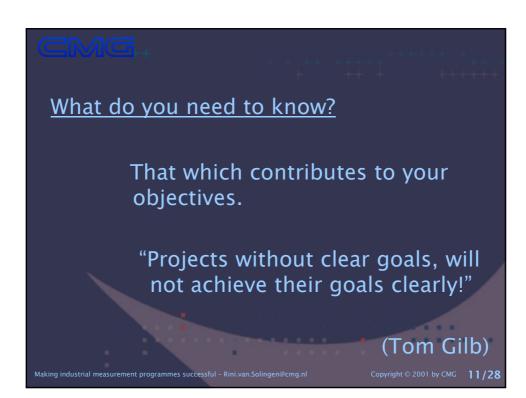
(Tom DeMarco)

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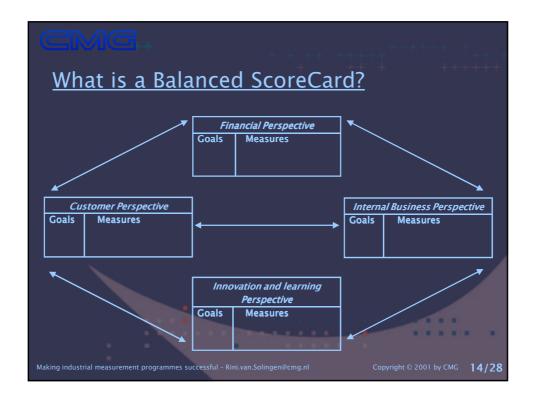




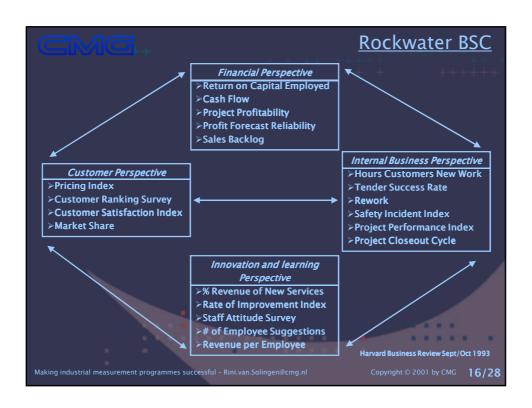


"You get what you measure!" • "Balanced ScoreCard concept" • Response to financials only • Most companies managed on budgets • Risk of short-term management • Local optimisation • Many non-financial organisations • Focus to long term strategic goals • Quantitative and objective metrics • Limited number of indicators Making Industrial measurement programmes successful - Rini.van.Solingen@cmg.nl











So far so good....

- · However:
 - When to stop is not defined
 - Large investment effort
 - Organisational
 - Procedural
 - Automation
 - Objective measurement difficult
 - BSC is investment too; not a religion
 - Tendency to over-measure

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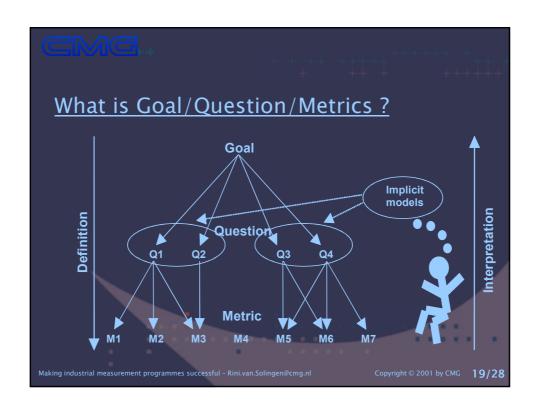
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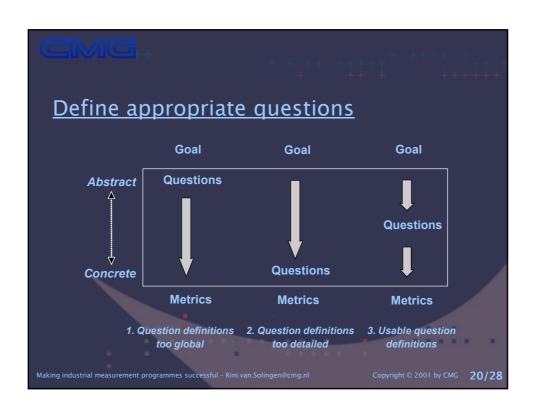
Oversized measurement known problem

- · GQM provides a solution:
 - □ Focus to goals
 - □ Refine to questions
 - Specify expectations
 - Keep feedback sessions
 - □ Top-down definition
 - □ Bottom-up interpretation
 - Measure to learn

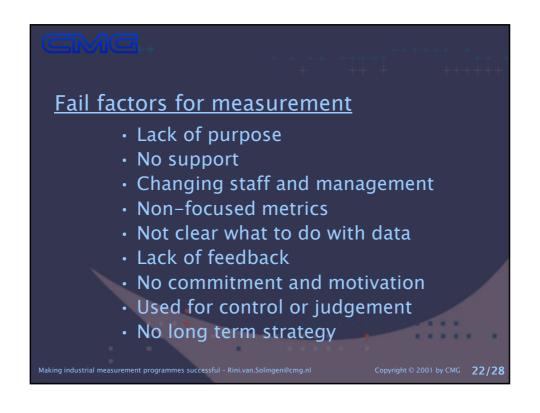
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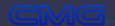
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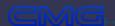






Success factors for measurement

- · Explicit goals
- · Explicitly defined expected outcomes
- · Keep it small, simple, and agile
- · Involvement: feedback sessions
- Assignment of key-people
- · Yearly evaluation (ROI)
- · Measurement for learning, not judging
- Management commitment



Main BSC mistakes

- Too much discussion
- Too many metrics
- · Too large investment
- · Too much automation
- · Too many people involved
- Too much effort for continuation
- Too much subjectivity
- · BSC becomes a goal in itself!

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Your BSC programme • Treat it as measurement = Study measurement literature = Look at GQM: define metrics based on questions and goals

- · Start small and keep it simple
- Define upfront what will be done with certain outcomes
- Organise feedback sessions
- · Measure BSC as an investment

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Conclusions

- BSC powerful, but using it is not simple
- · Measure your measurement programme
- Keep it simple
- · Don't measure without a goal
- · Refine goals into questions
- · Formulate expectations
- Only measure what is really important.
 Spend your efforts on the improvements!
- Let the people interpret: fb-sessions

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