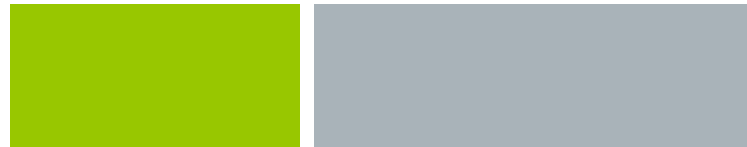


## Society for Cost Analysis and Forecasting (SCAF)

Cost Engineering Health Check  
(Lite)

Dale Shermon and Mark Gilmour

5<sup>th</sup> February 2013



# QinetiQ Cost Estimating Philosophy



Knowledge Based Estimating (KBE) is the philosophy that underpins the QinetiQ approach to Cost Forecasting. The building blocks of all good cost forecasts combine:

- **Data** – understanding the current project in the context of past projects
- **Tools** – the analytical and forecasting capabilities
- **People** – proactive staff certified and trained, looking to add value
- **Process** – structured approach to the task

## The Cost Engineering Health Check – What is it?

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A standardised competency assessment framework, based on our **Knowledge Based Estimating** Philosophy, that considers all aspects of cost estimating capability including:

- Data,
- Tool,
- People
- Process
- **Culture**
- **Stakeholder**

Provides an objective assessment against both best practice and the industry standard.

## The Cost Engineering Health Check – Why?

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How good are your estimates?

How good is your estimating capability?

How do you compare with your peers?

How can you improve?

What does good look like?

For SCAF:

- what areas are weak in the cost analysis and forecasting community?
- what workshops can the committee organise to fill any capability gap?

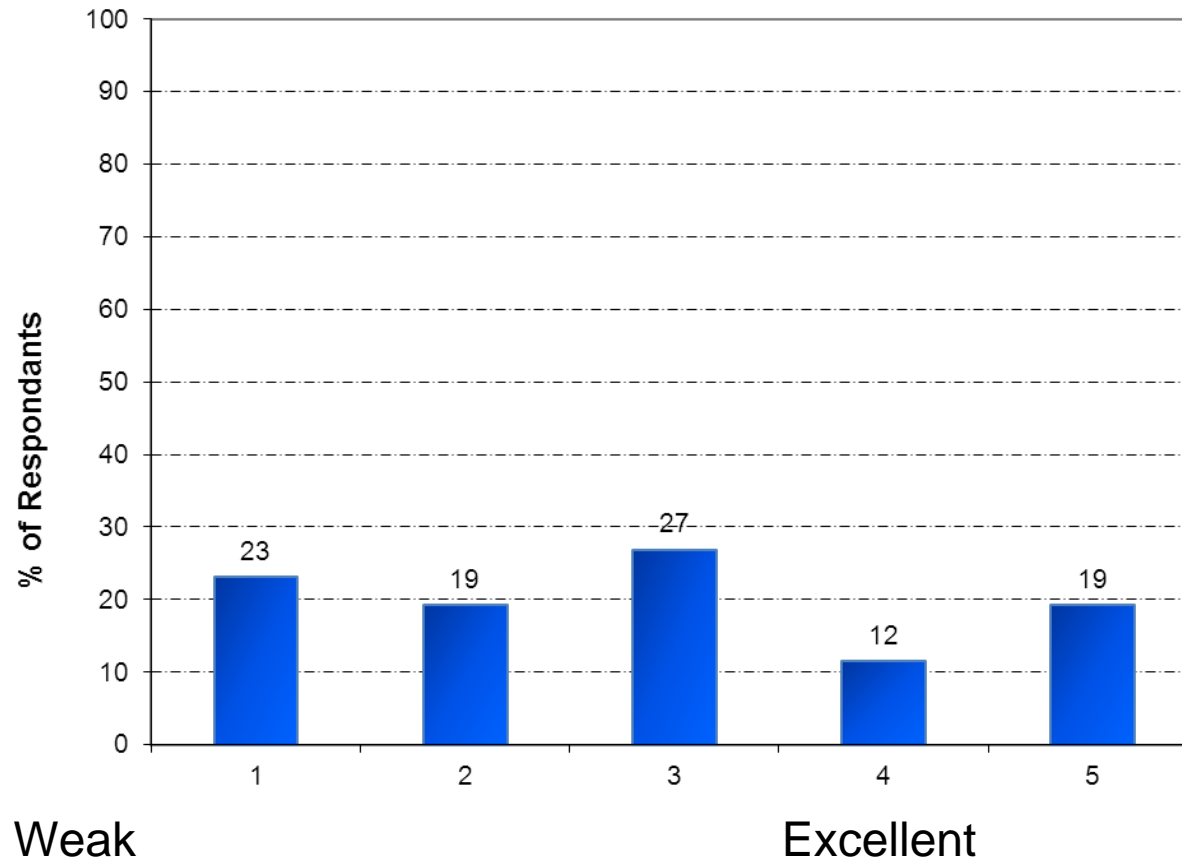
## The Cost Engineering Health Check – 27 Nov 2012 SCAF workshop

1. Run through a Lite version of the tool with sample questions using e-voting
2. Promote open discussion amongst the SCAF membership present
3. Identify areas of interest for future SCAF workshops
4. Findings will be summarised as we go along and a brief will be provided at the February 2013 workshop

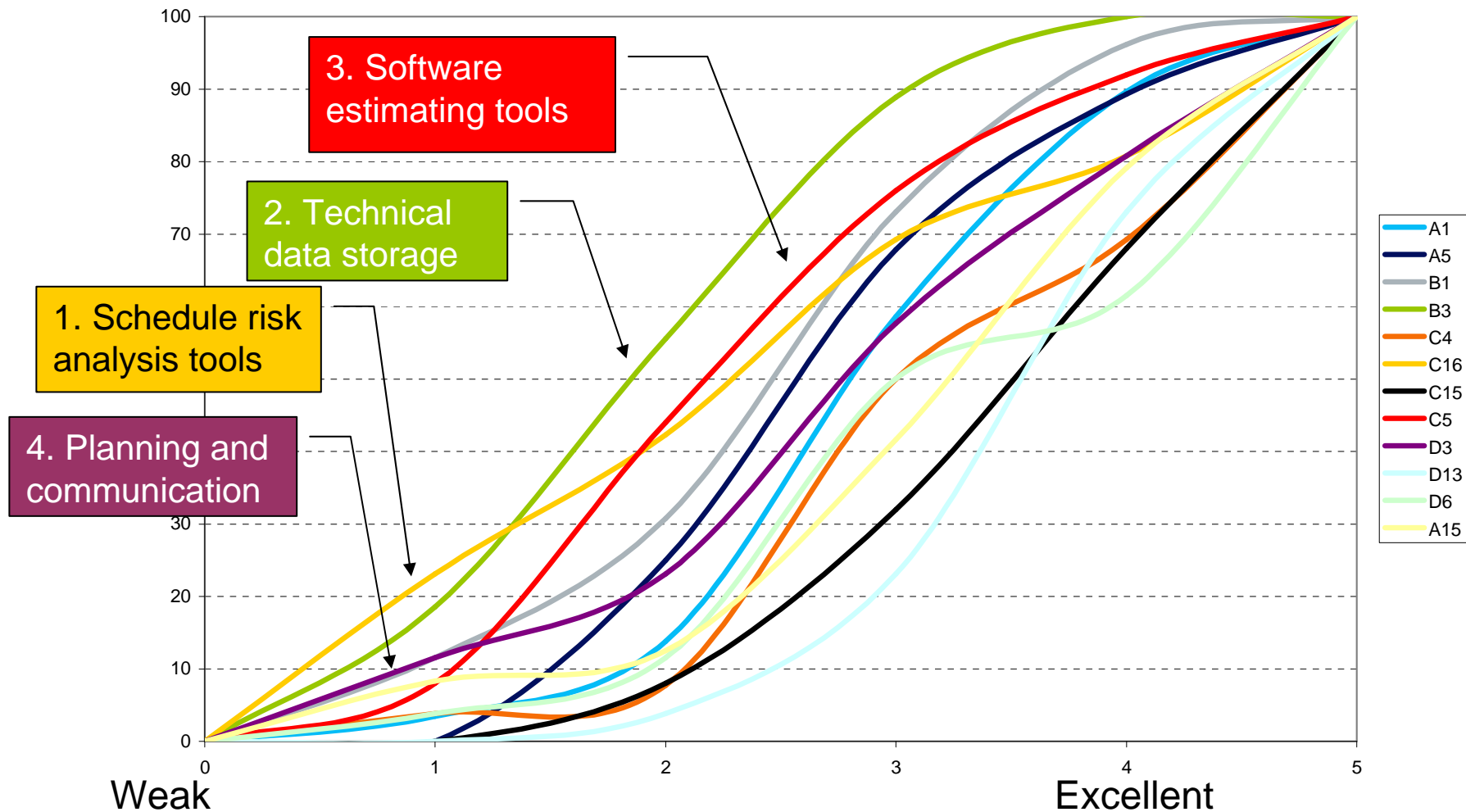


## QinetiQ CEHC example question

Question C16: When producing a schedule estimate, does the cost engineer use schedule risk analysis tools?



# Cumulative result of all 12 questions considered



## SCAF committee planned workshops:

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Date	Topic	Location
5 <sup>th</sup> February 2013	Economics and Estimating	London
23 <sup>rd</sup> April 2013	SCAF Challenge	Bristol
4th June 2013	Quantitative cost and schedule risk analysis [1.]	Preston
17th September 2013	Cost Matters [4.]	Bristol
19 November 2013	Vendor Day [1.] [2.] [3.]	Bristol



# Any Questions?

# Contact

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