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BCS 3263 SOFTWARE QUALITY ASSURANCE

Chapter Nine New Paradigm for Software Quality

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Chapter Description

- Aims
 - The present state of certification paradigms
- Expected Outcomes
 - Develop a Quality Assurance plan for a software project using international standards
- Other related Information
 - Introduces students to the concept of Software Quality Assurance (SQA) including principles, component, process, models, standards and certification of SQA.
- References
 - Mastering software quality assurance : best practices, tools and techniques for software developers / Murali Chemuturi Chemuturi, Murali, J. Ross Pub. QA76.76.Q35 C44 2011



The Fallacy of Certifications

ISO CMMI
.. Is it enough
?

Focus on
quality

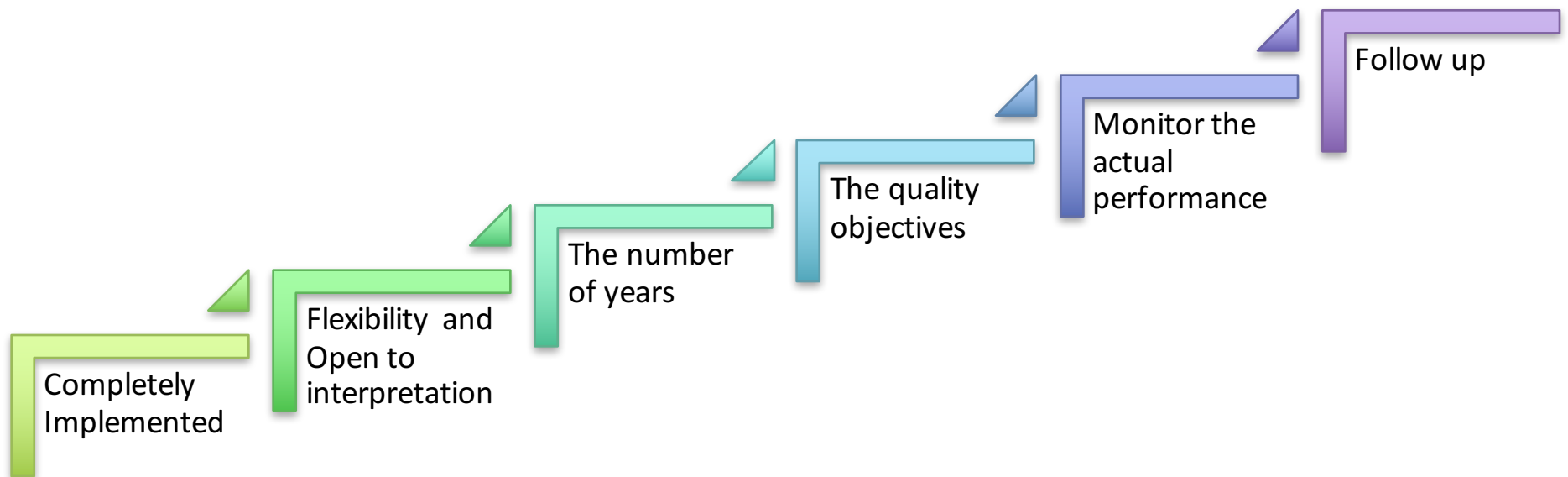
Industry

Reducing the
emphasis

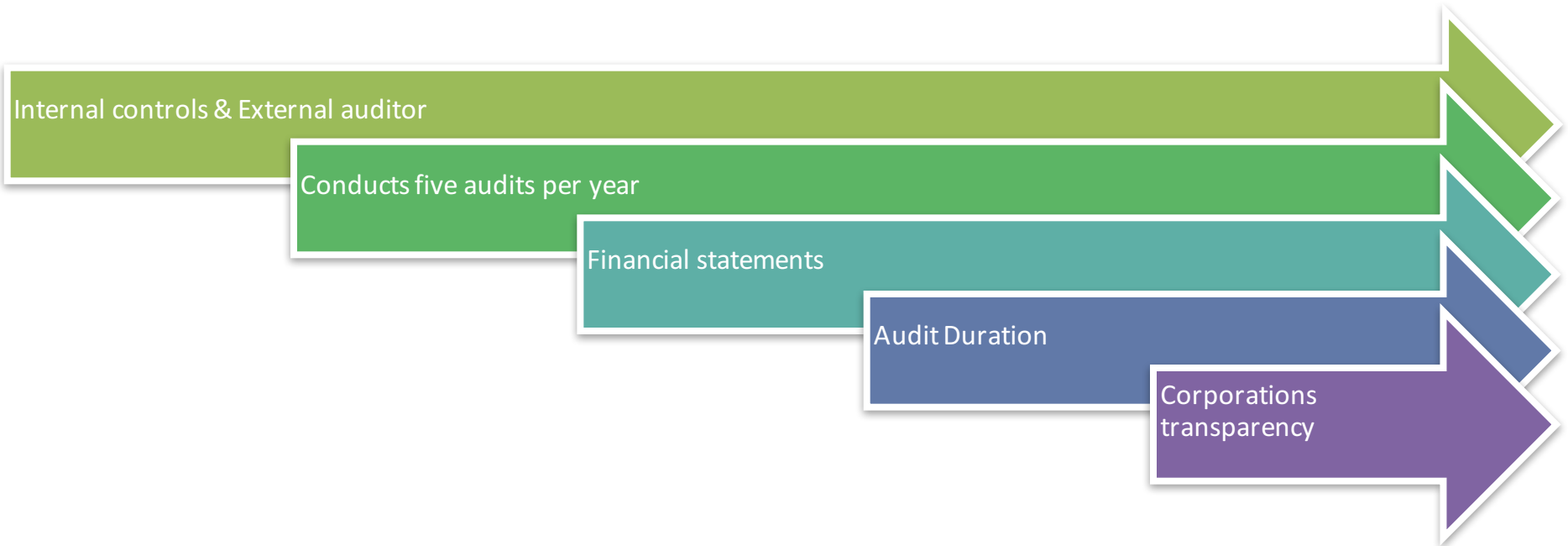
The quality of
deliverables

CMMI goes
one step
further

Criticisms of Maturity Models



A New Paradigm for Software Quality Assurance



Final Words

Certificates and ratings do not provide any objective data to help a company select the right organization to which to outsource its software development work.

Clearly, the present models fall far too short of requirements and expectations.

Conclusion of The Chapter

- Conclusion #1
 - Fallacy
- Conclusion #2
 - Criticisms
- Conclusion #3
 - A New Paradigm
- Conclusion #4
 - Final Words



KEEP THE Quality and All the
Best for your Future 😊