Agile

A view from the top

Colm O’hEocha – AgileInnovation Ltd

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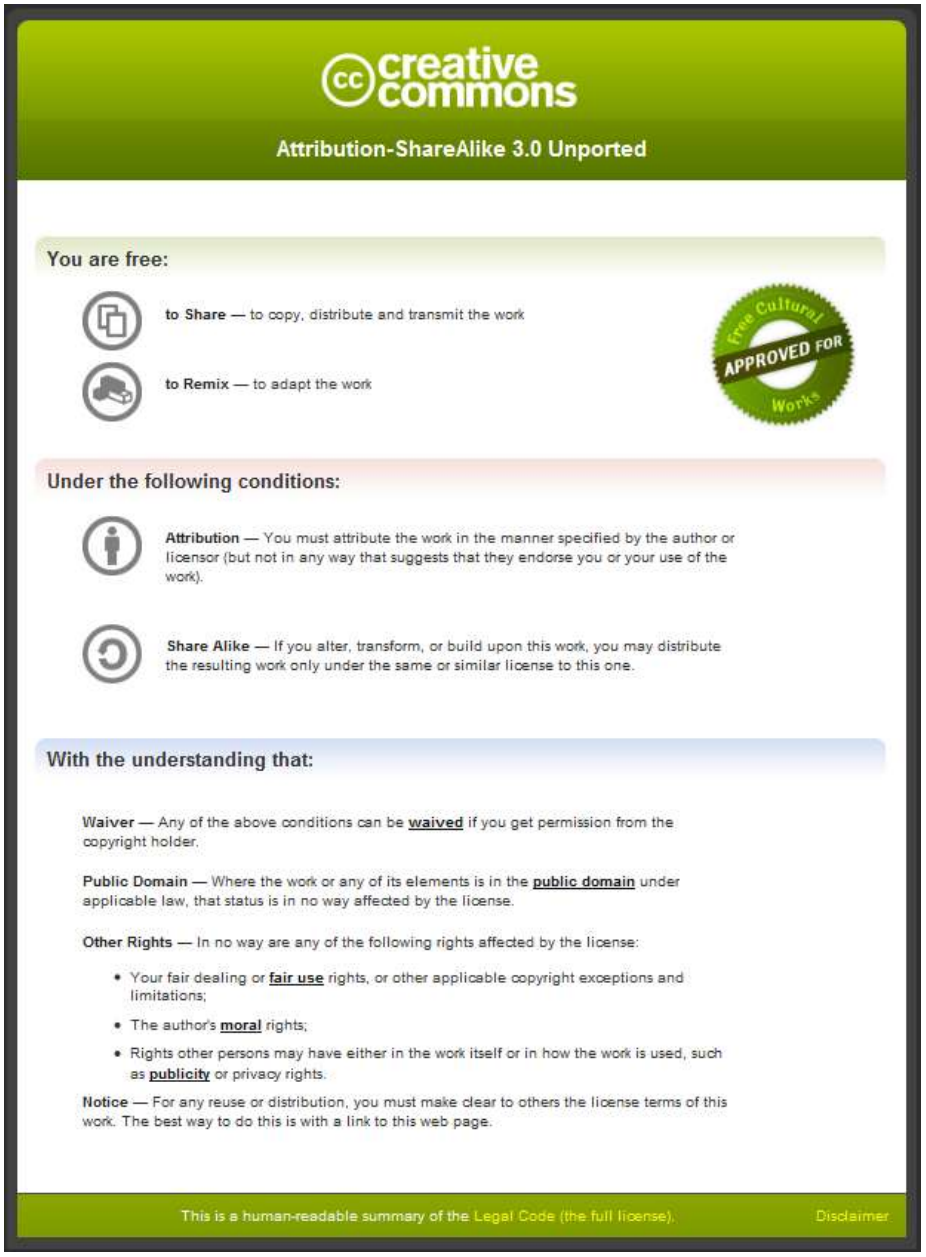

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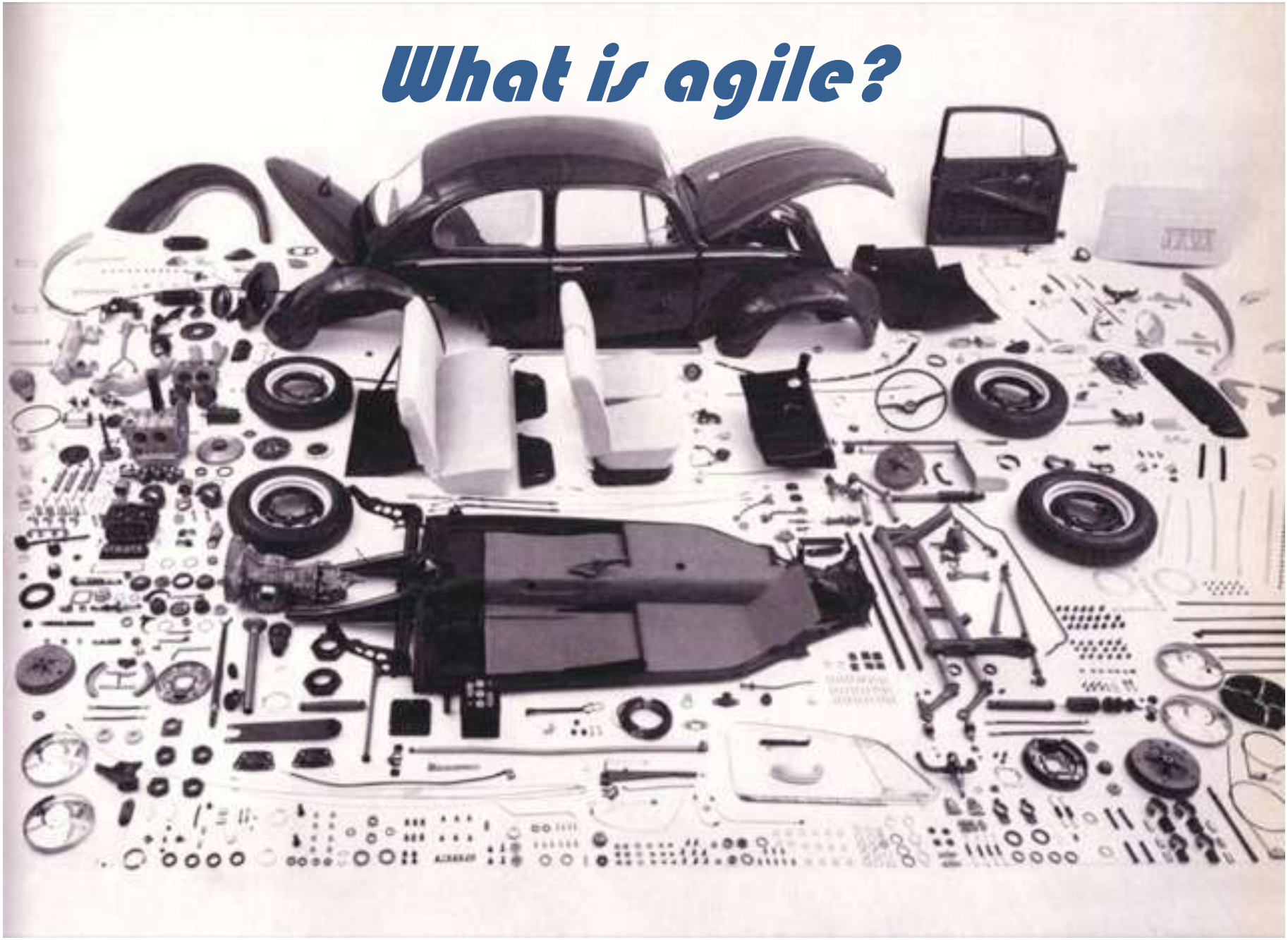
AGILE IS DIFFERENT

What is agile?



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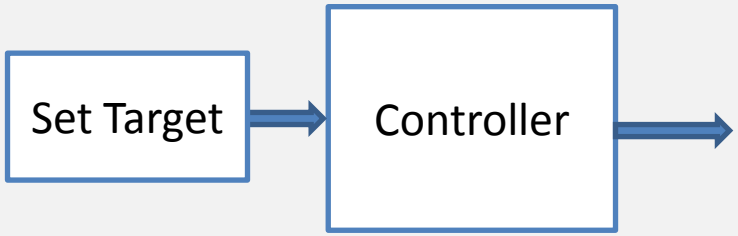
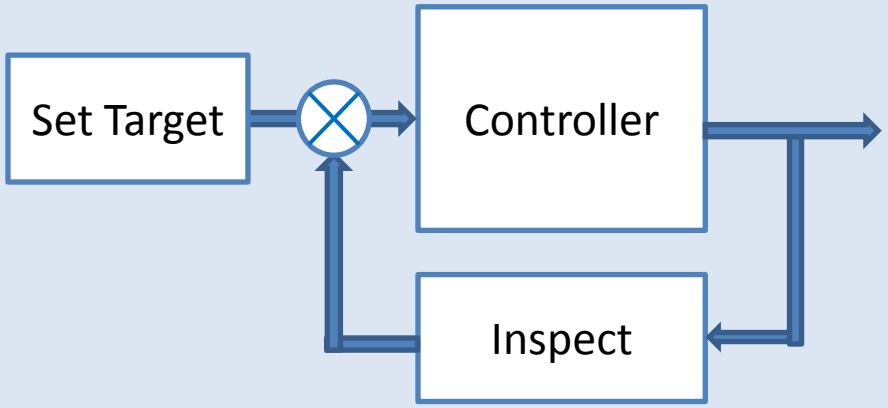
Process Control Models

OPEN-LOOP
Analytical - Predictive



"Reduce Change"

CLOSED-LOOP
Empirical - Adaptive



"Embrace Change"

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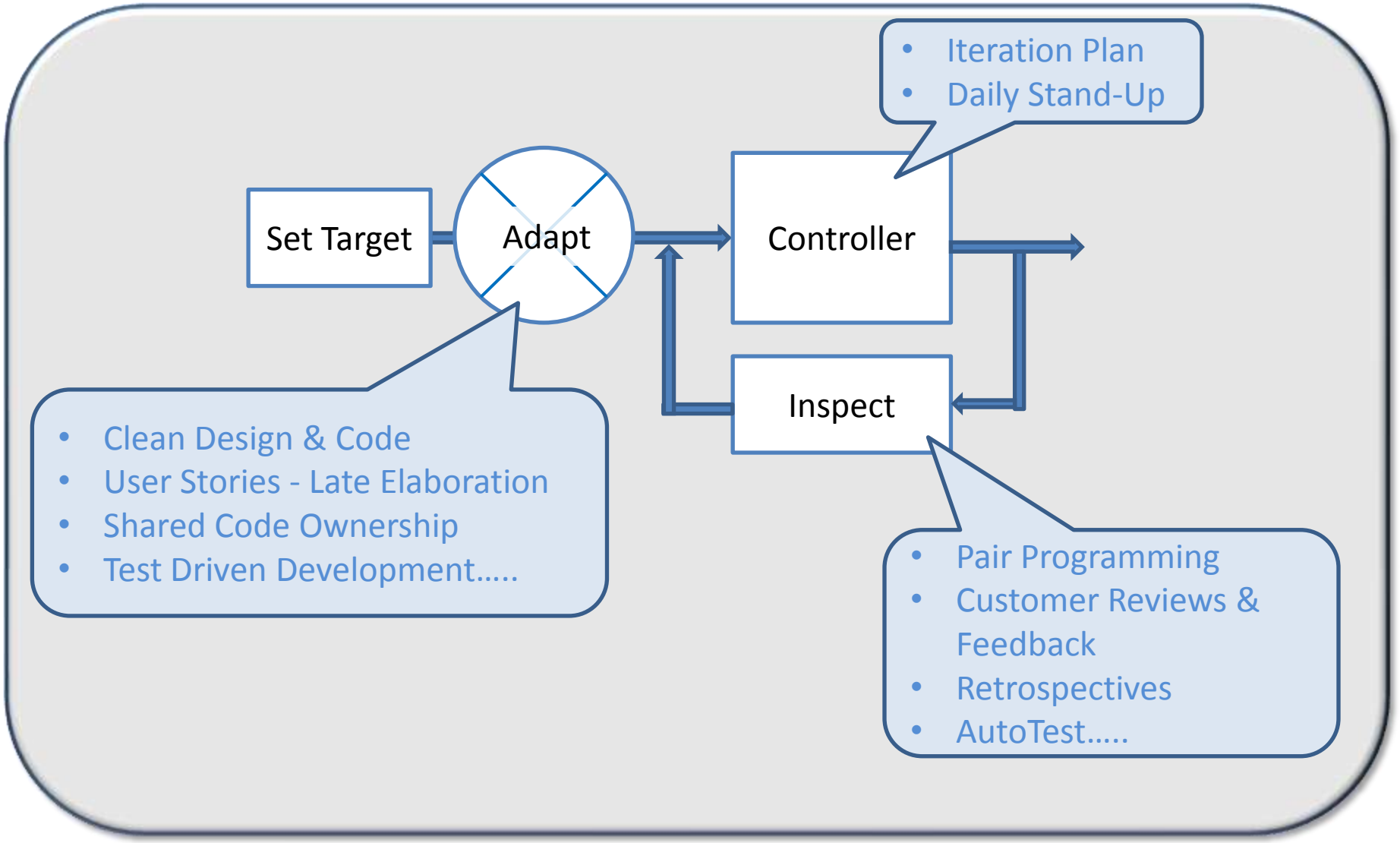
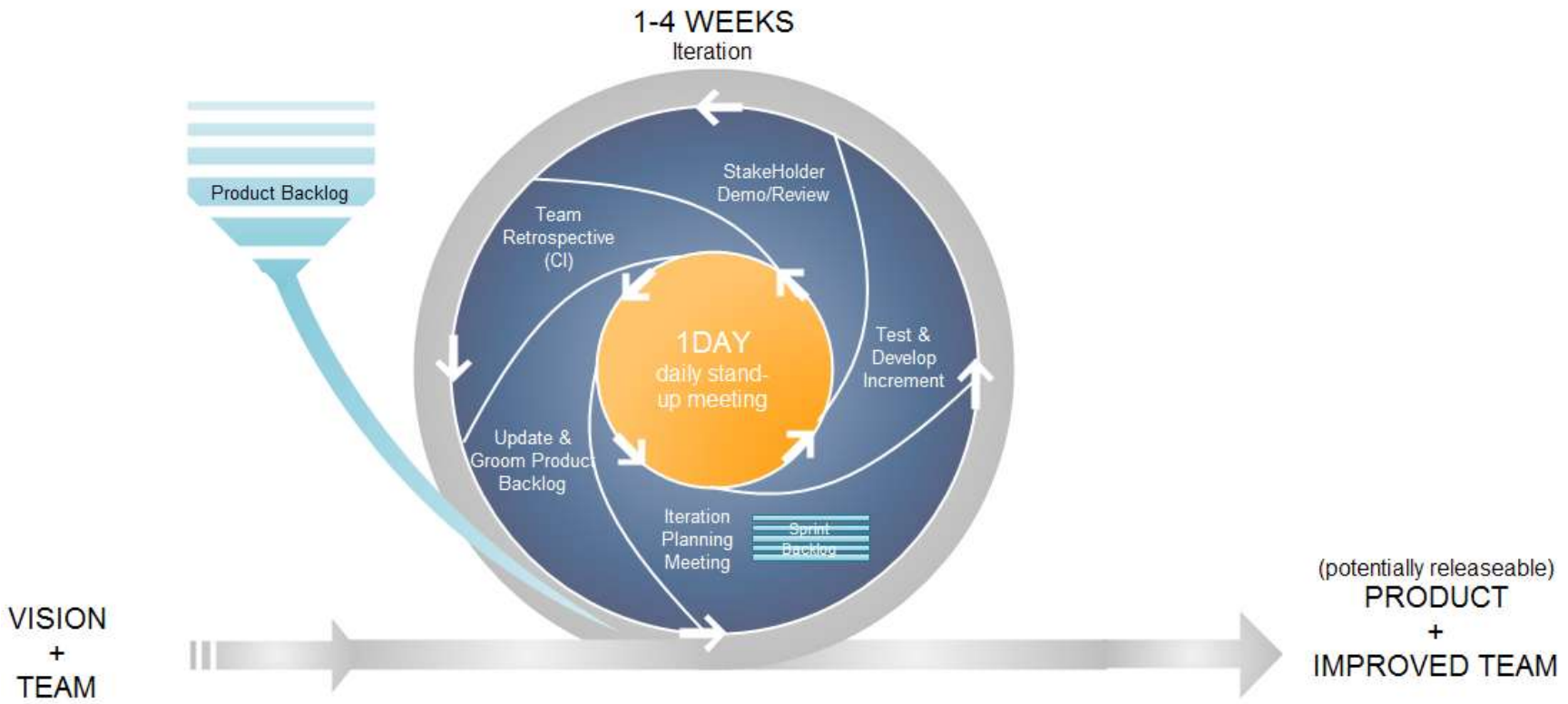
The Parts and the Whole



The Life of an Iteration



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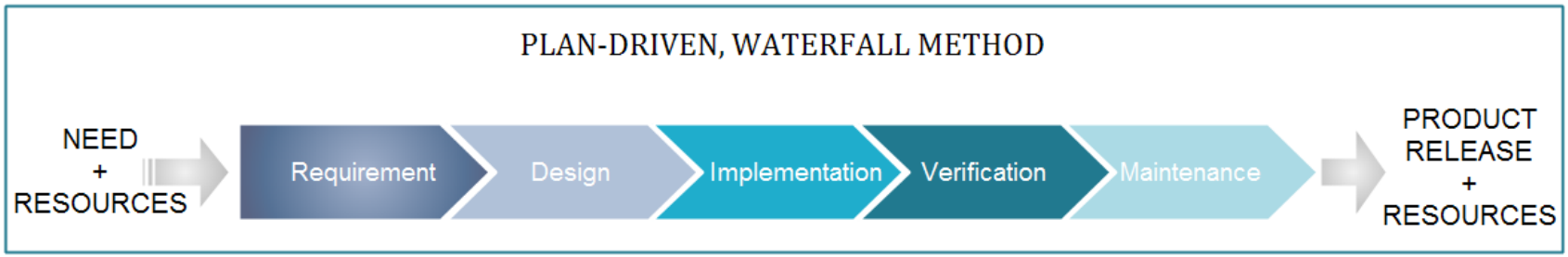

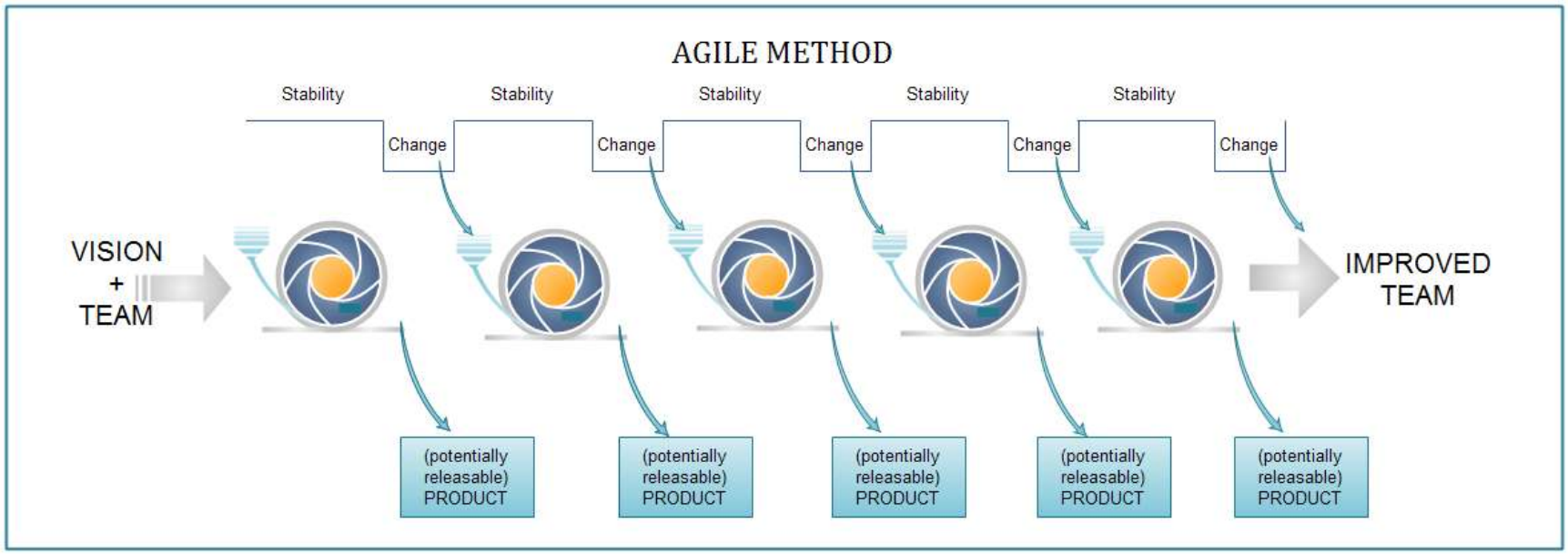

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“Balancing Agility and Discipline”

Barry Boehm

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AGILE IS GOOD

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What we really needed was a good hammer…

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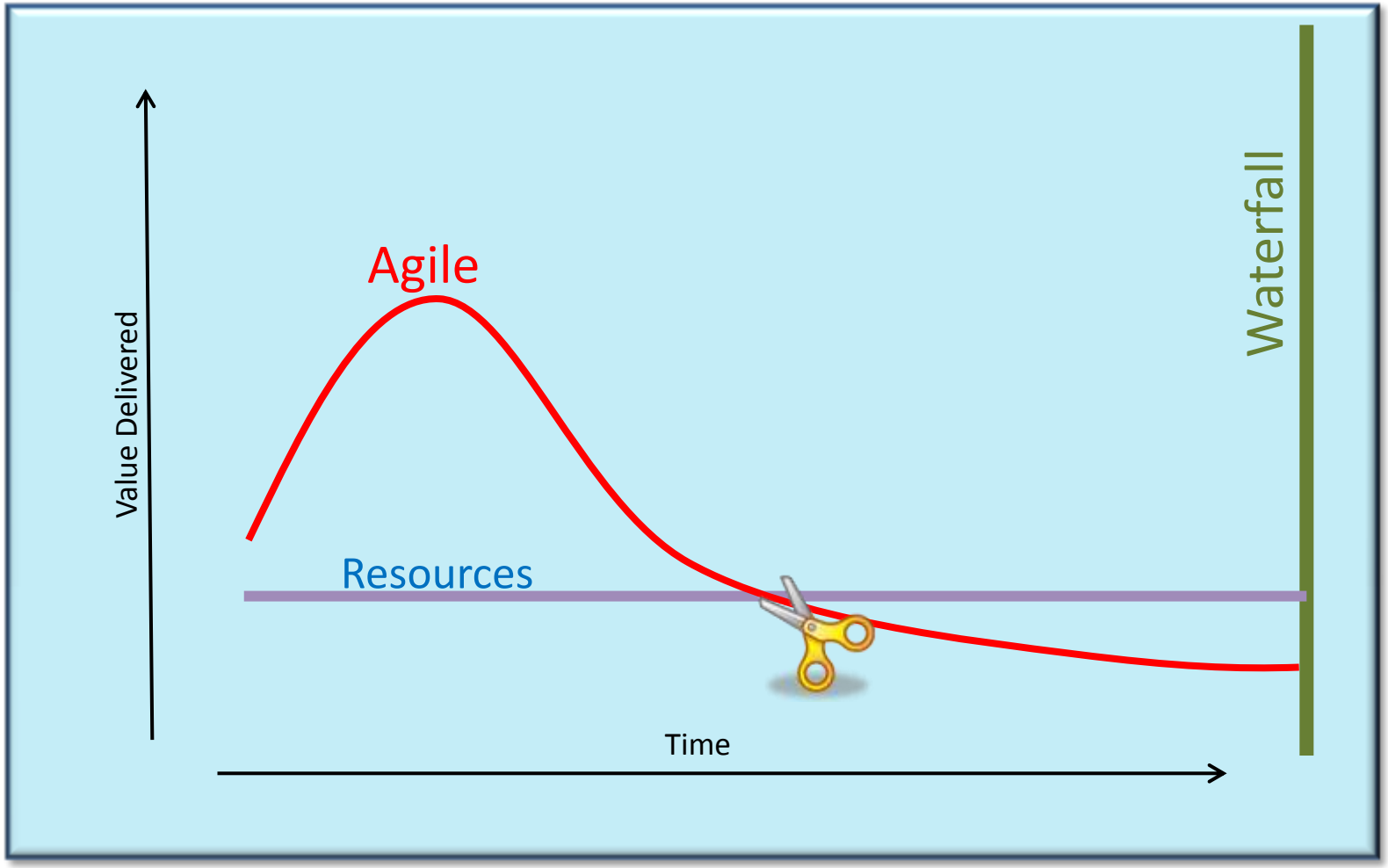

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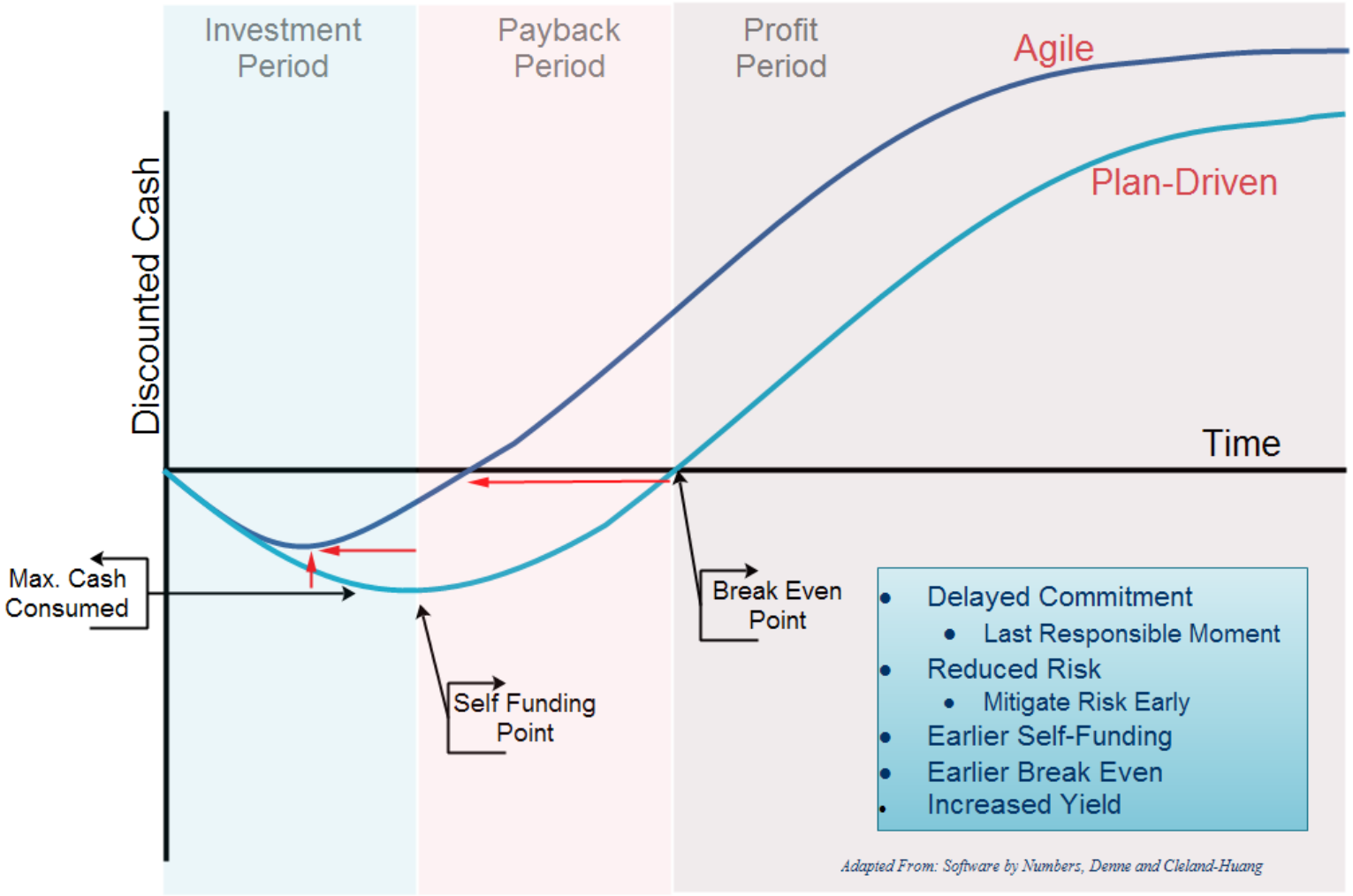

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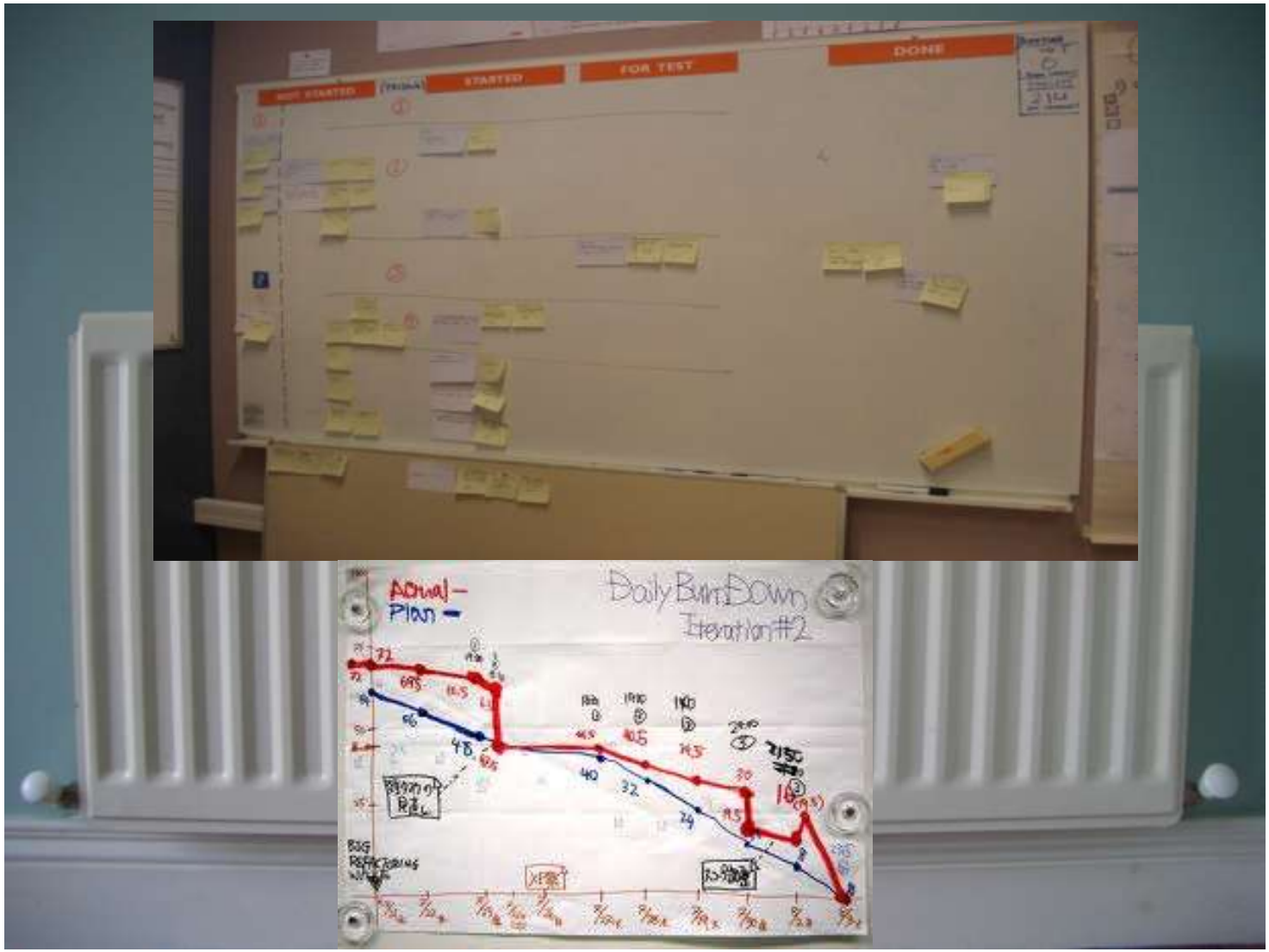
Transparency



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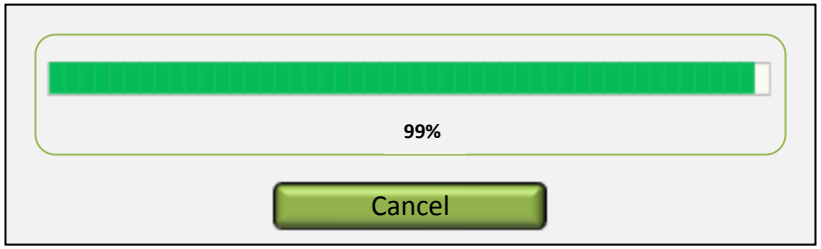
"Prediction is hard –
especially when its about the future"

Niels Bohr



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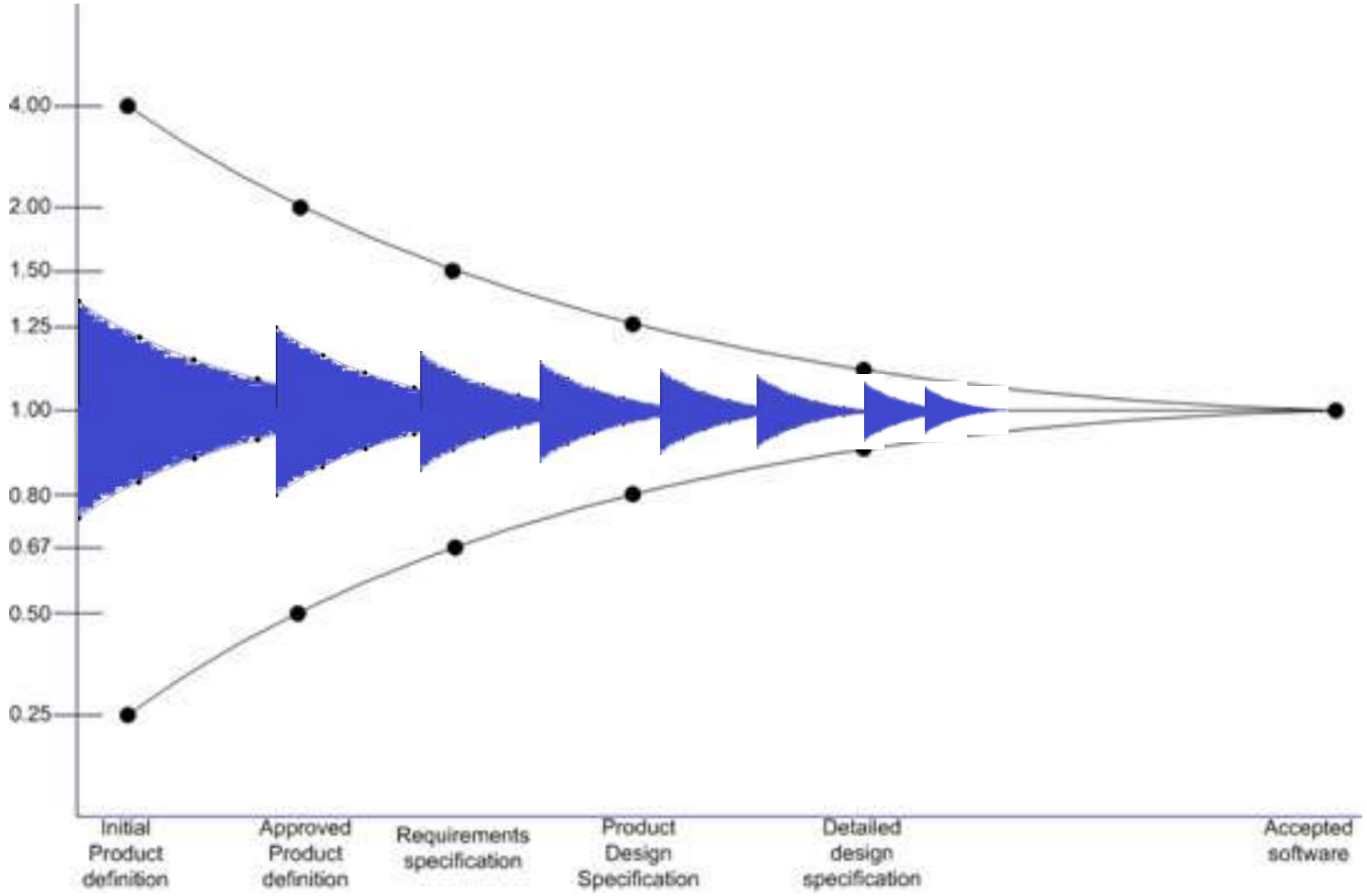
Cone of Uncertainty



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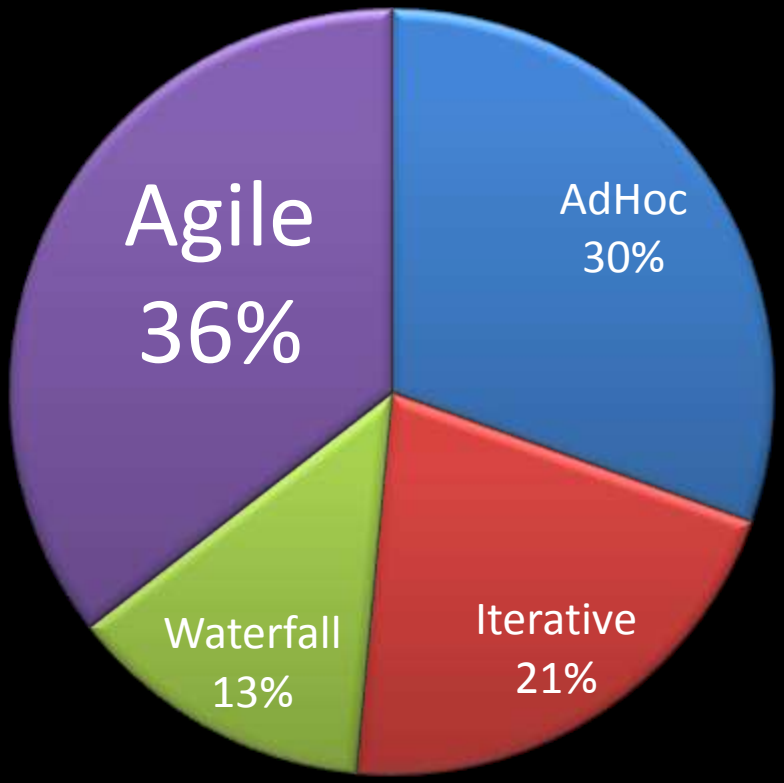
AGILE IS MAINSTREAM

Gaining Traction…

Gartner 2008: 15%-25% of Organisations have Implemented Agile

Capgemini 2009: Agile is no. 4 of the Top 5 IT Priorities for 2010

Gartner 2010: 80% of Software Development will use Agile by 2012



Data Source: Forrester/Dr. Dobbs Global Developer Technographics Survey Q3 2009

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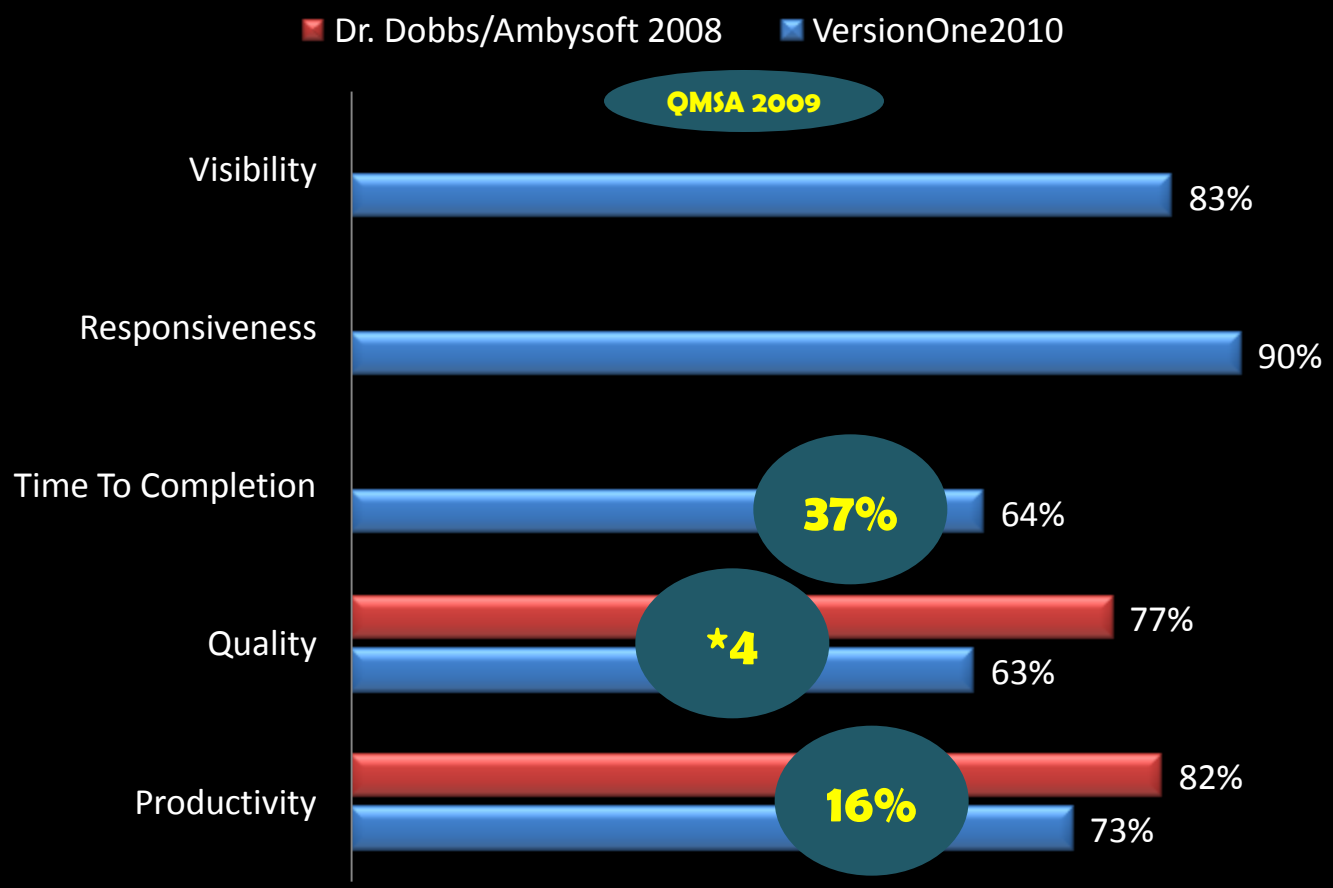
Hard Evidence…



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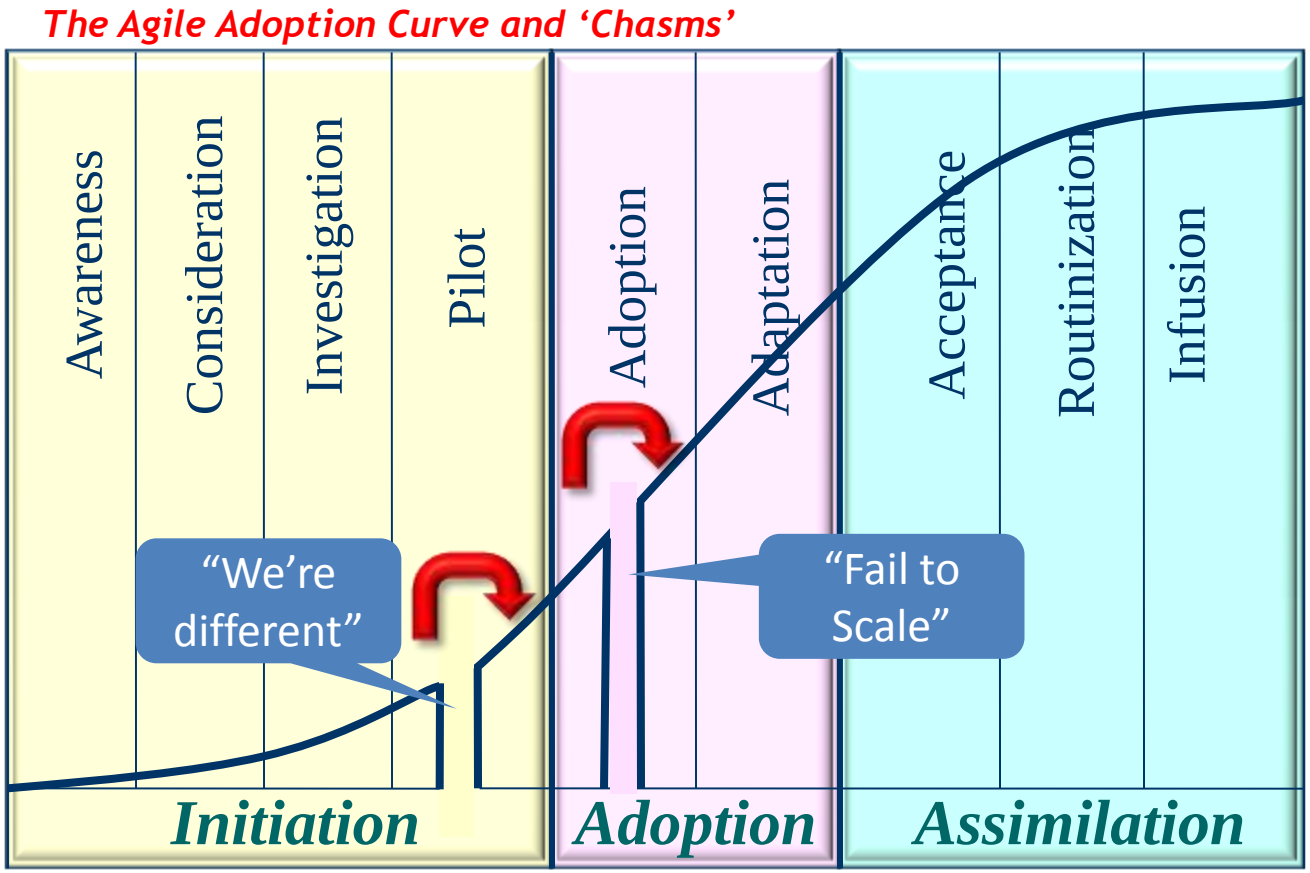
WHERE NEXT?

The Agile Adoption Curve



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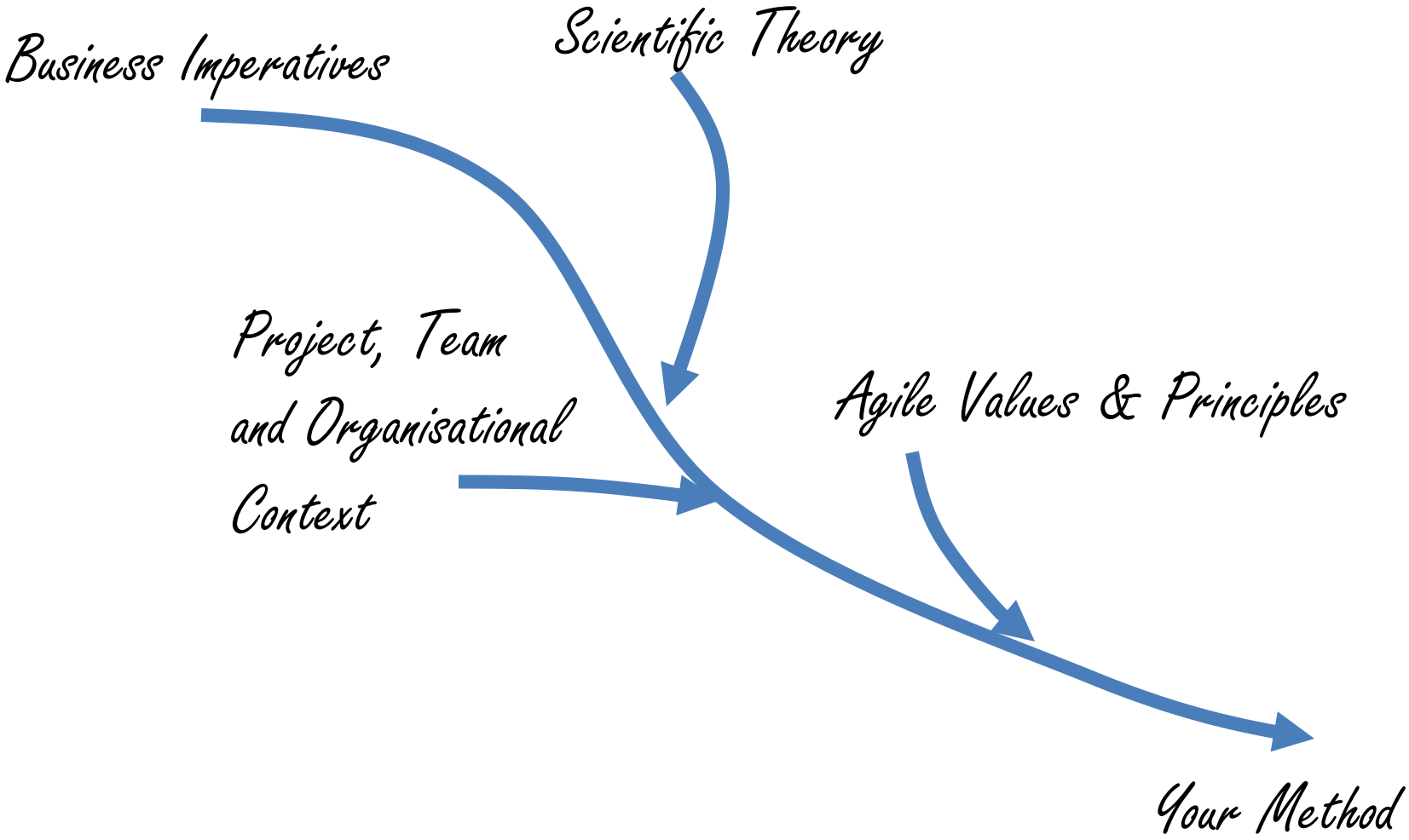
It depends…



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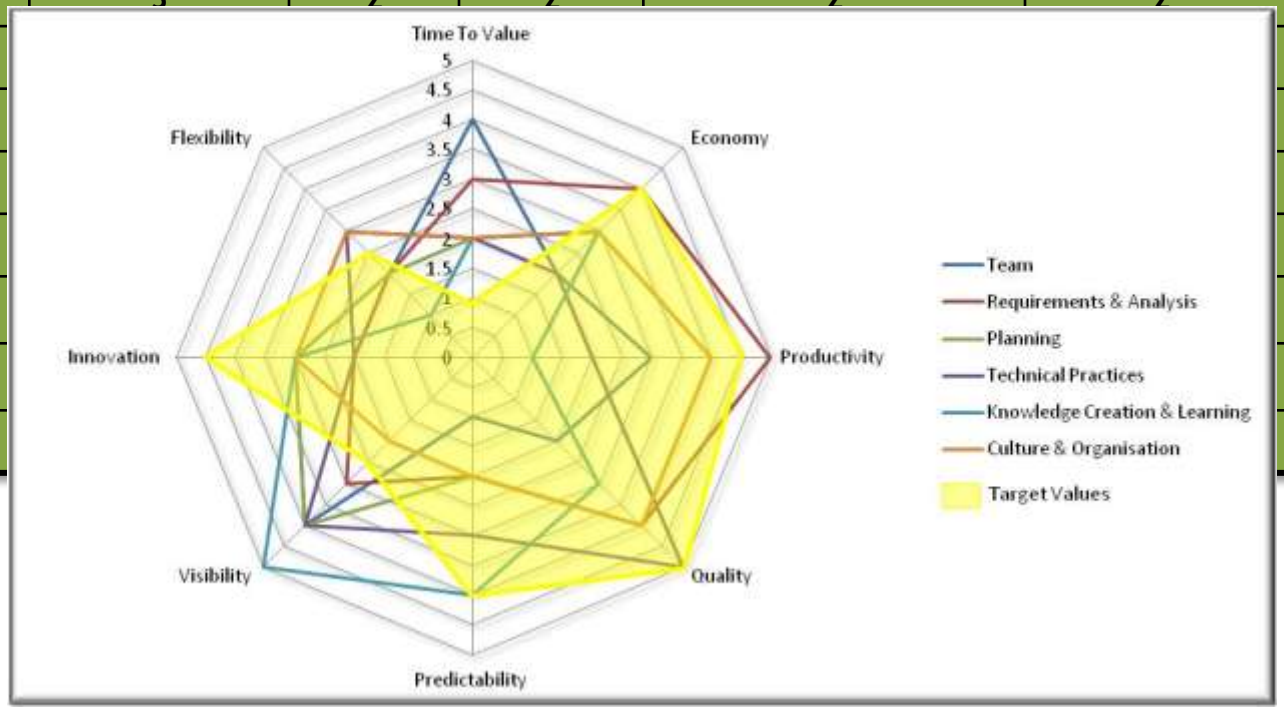
Where am I?

Assessment Dimensions / Business Drivers	Team	Requirements & Analysis	Planning	Technical Practices	Knowledge Creation & Learning	Culture & Organisation
Time To Value	4	3	2	2	2	2
Economy	2					
Productivity	3					
Quality	2					
Predictability	1					
Visibility	4					
Innovation	3					
Flexibility	2					



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About the Presenter

Colm O'hEocha,
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Colm is an IT industry veteran, with over 20 years design and development experience. His interest in Lean Thinking began when automating Just-In-Time production lines in the 1980s. Implementing early agile software methods in 2001, Colm has extensive hands-on experiences across teams, organisations and technologies. In varied roles of developer, architect and Director of R&D, he has seen Lean and Agile from a variety of perspectives. More recently Colm has partnered with LERO, the Irish software engineering research institute, investigating how agile and lean methods influence innovation in software development.

AgileInnovation offers agile advisory and coaching services. Pre and post adoption assessments, coaching services to help teams get the most from agile, developing a agile business case, and targeted workshops on specific agile practices.

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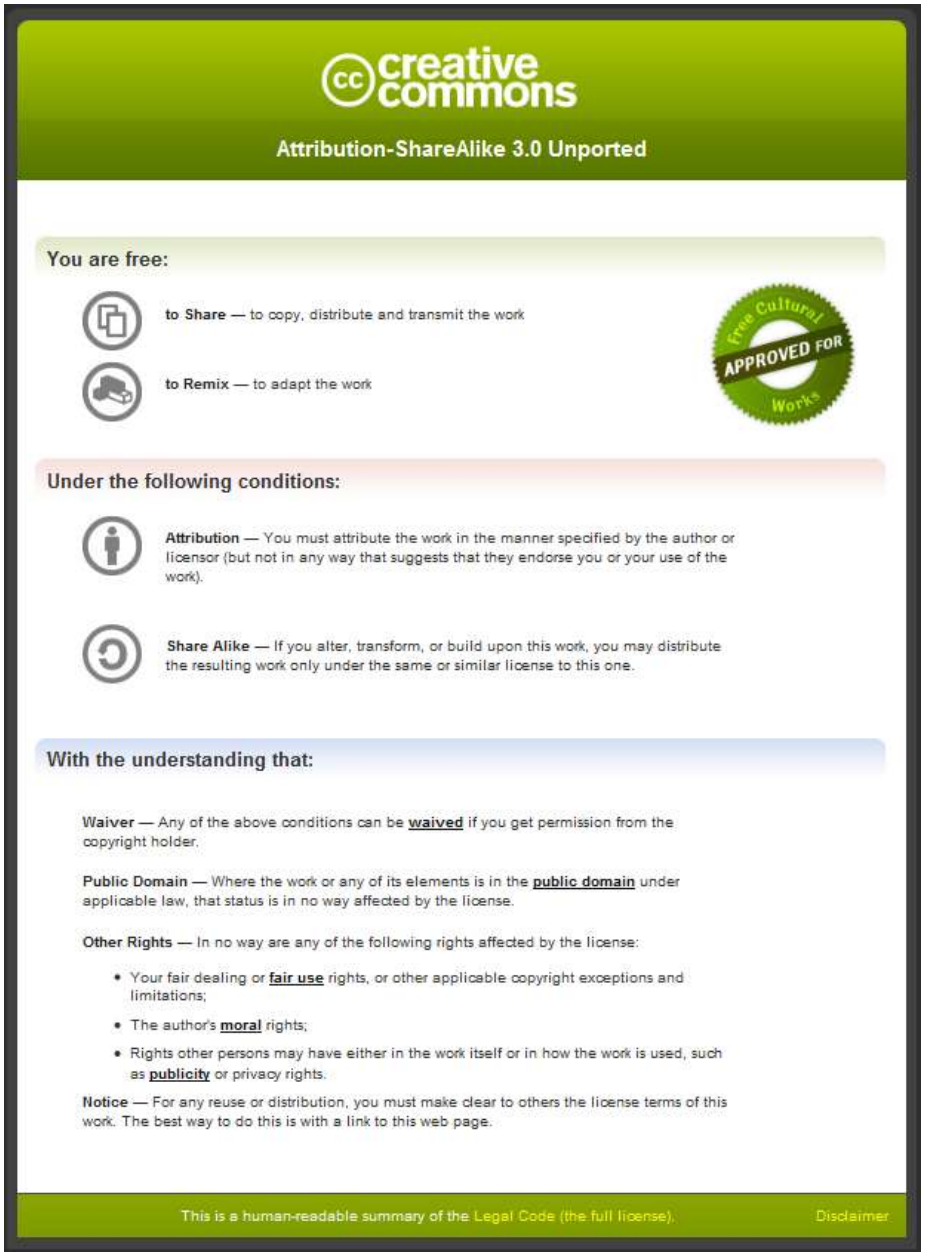
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