



# Agile

A view from the top

Colm O'hEocha – AgileInnovation Ltd

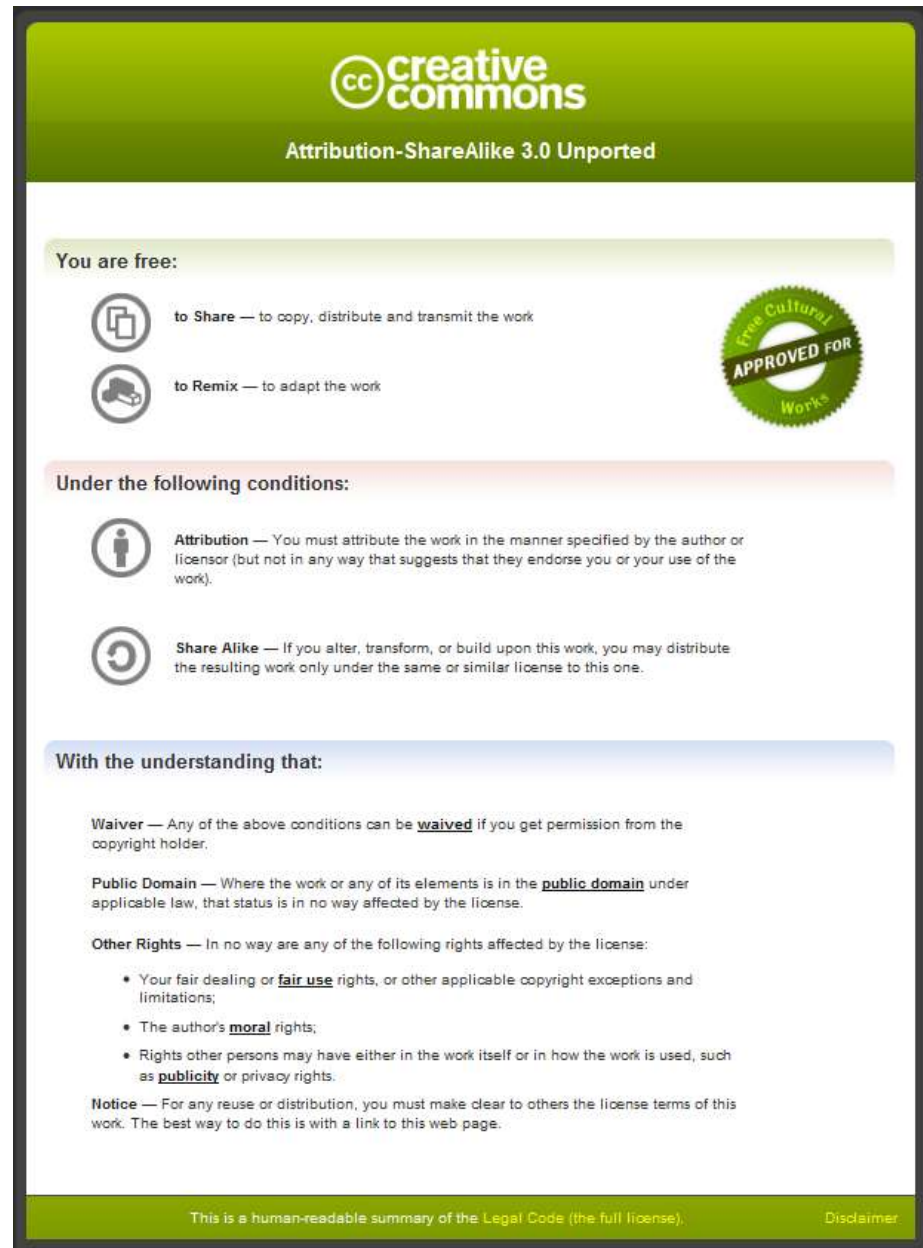
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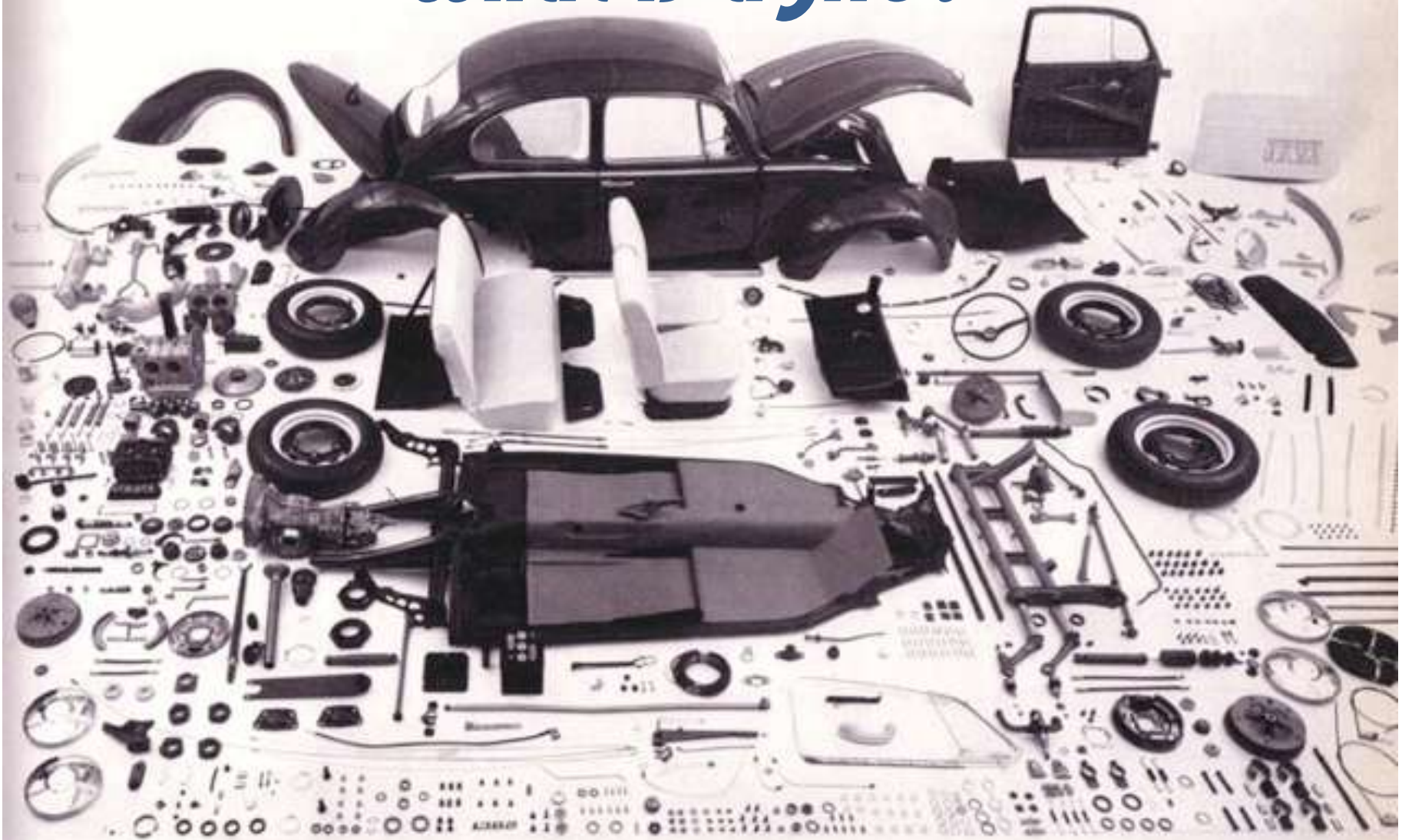
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*Agile – A View from the Top*

**AGILE IS DIFFERENT**

# ***What is agile?***



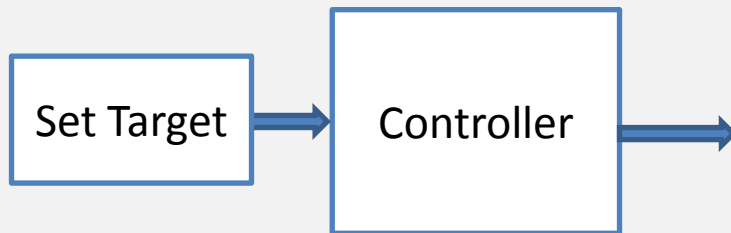


Different perspectives

# Process Control Models

**OPEN-LOOP** →

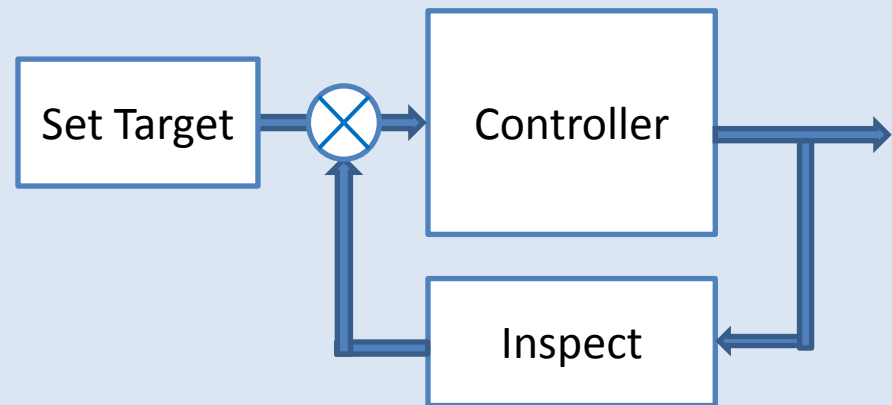
*Analytical - Predictive*



“Reduce Change”

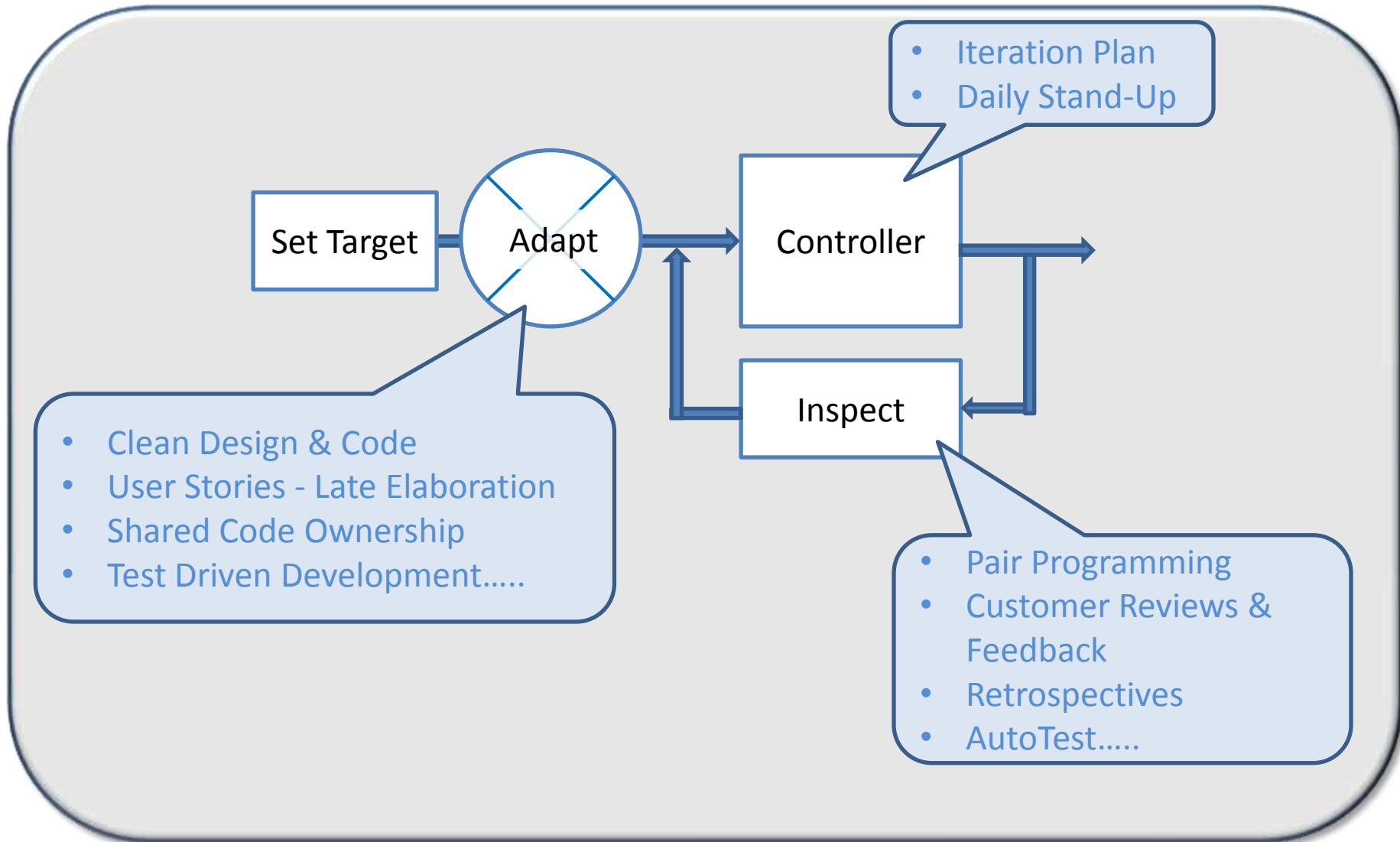
**CLOSED-LOOP** ↻

*Empirical - Adaptive*

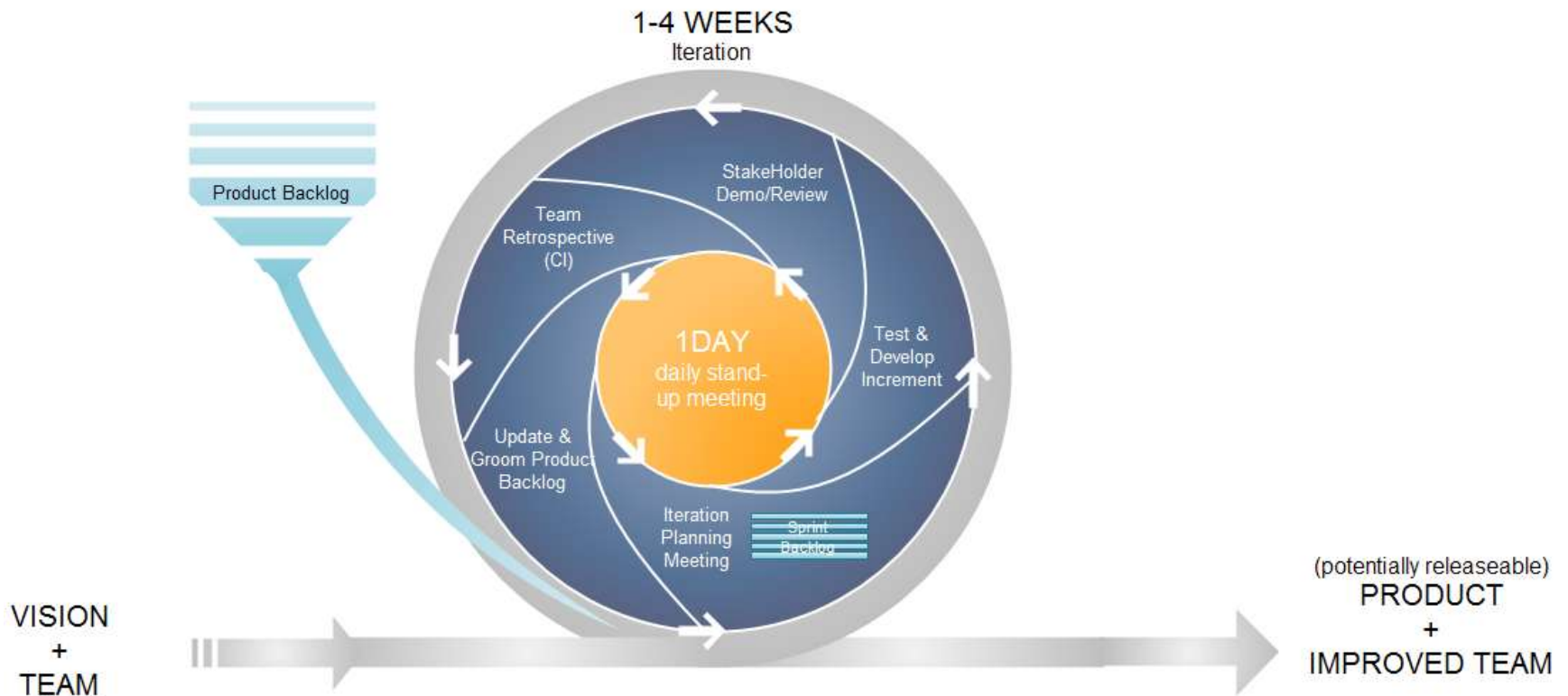


“Embrace Change”

# The Parts and the Whole

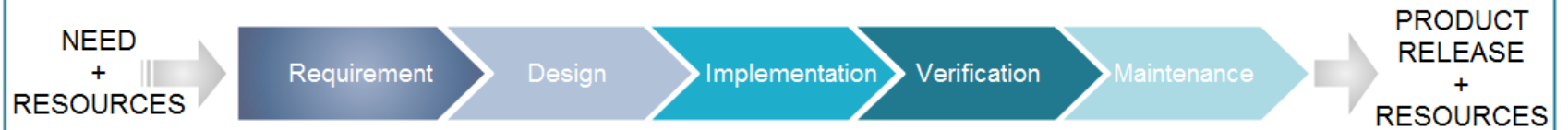


# The Life of an Iteration

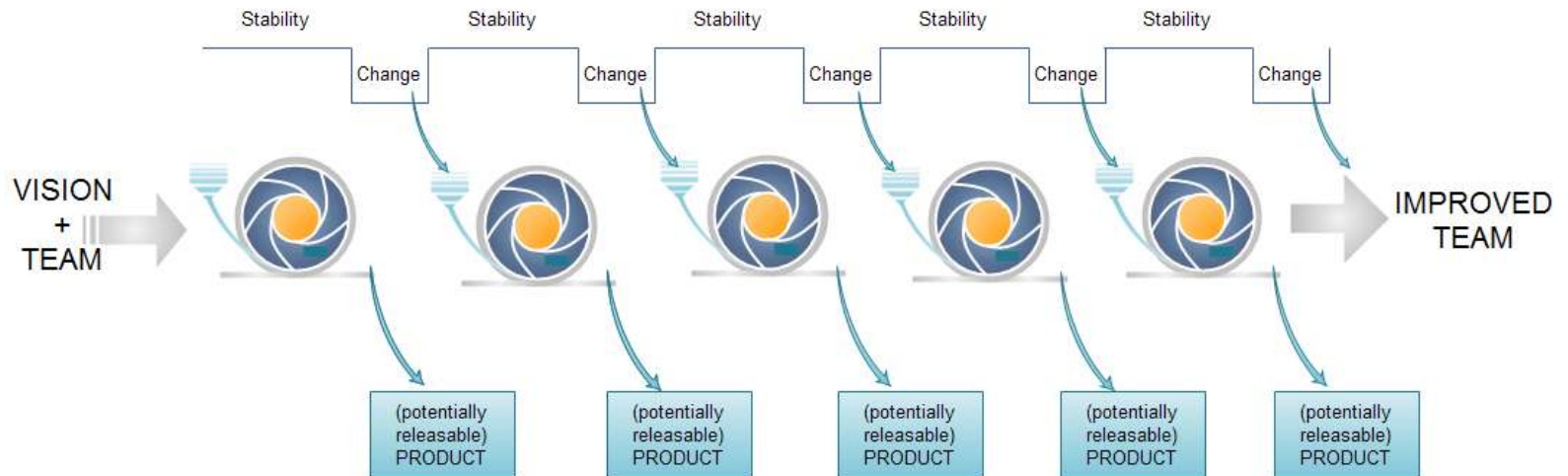




## PLAN-DRIVEN, WATERFALL METHOD



## AGILE METHOD



# “Balancing Agility and Discipline”

Barry Boehm



*Agile – A View from the Top*

**AGILE IS GOOD**



Productivity

Complexity

Long Cycle Times

Transparency

Your Favorite!

Quality

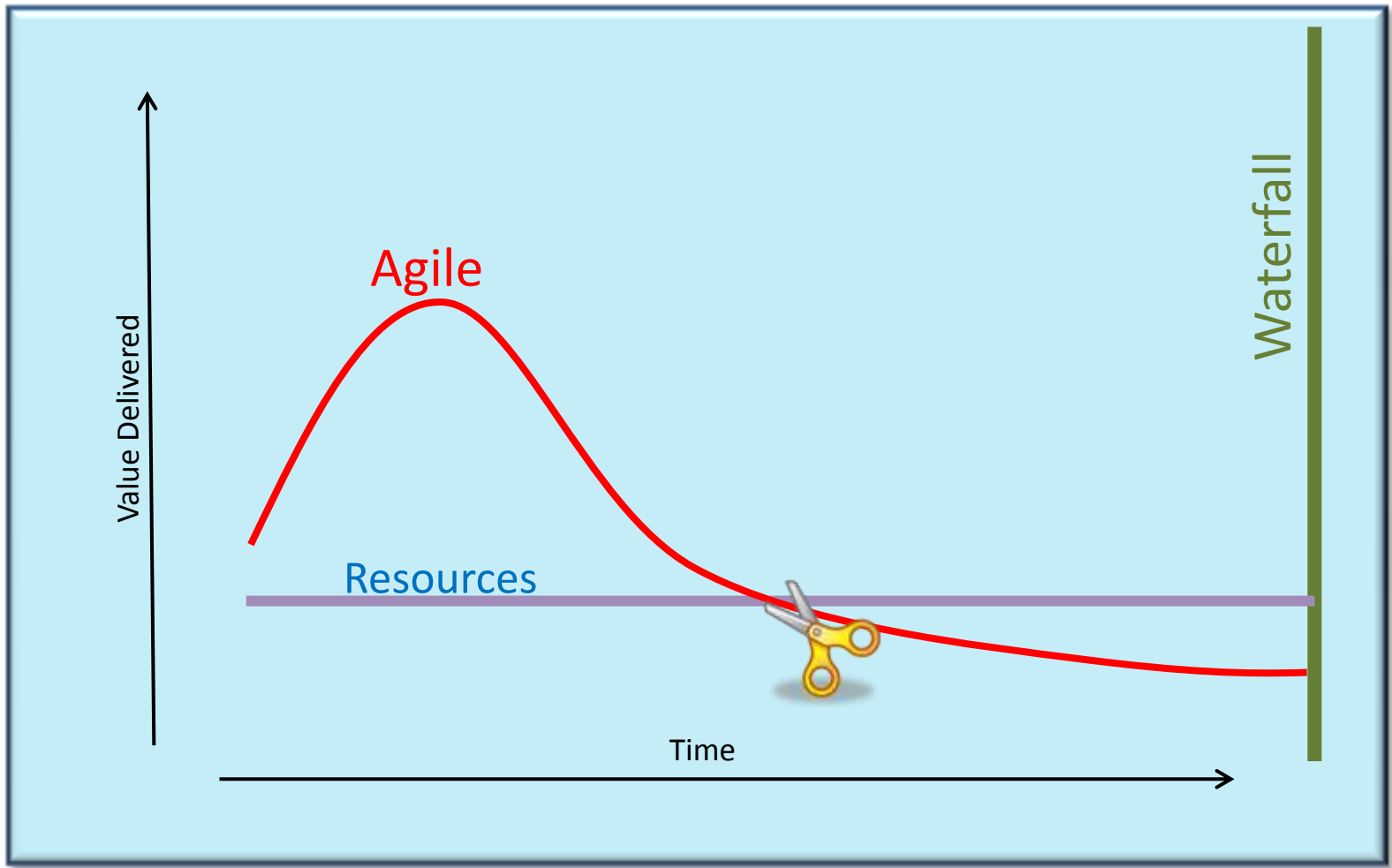
Brittle Code

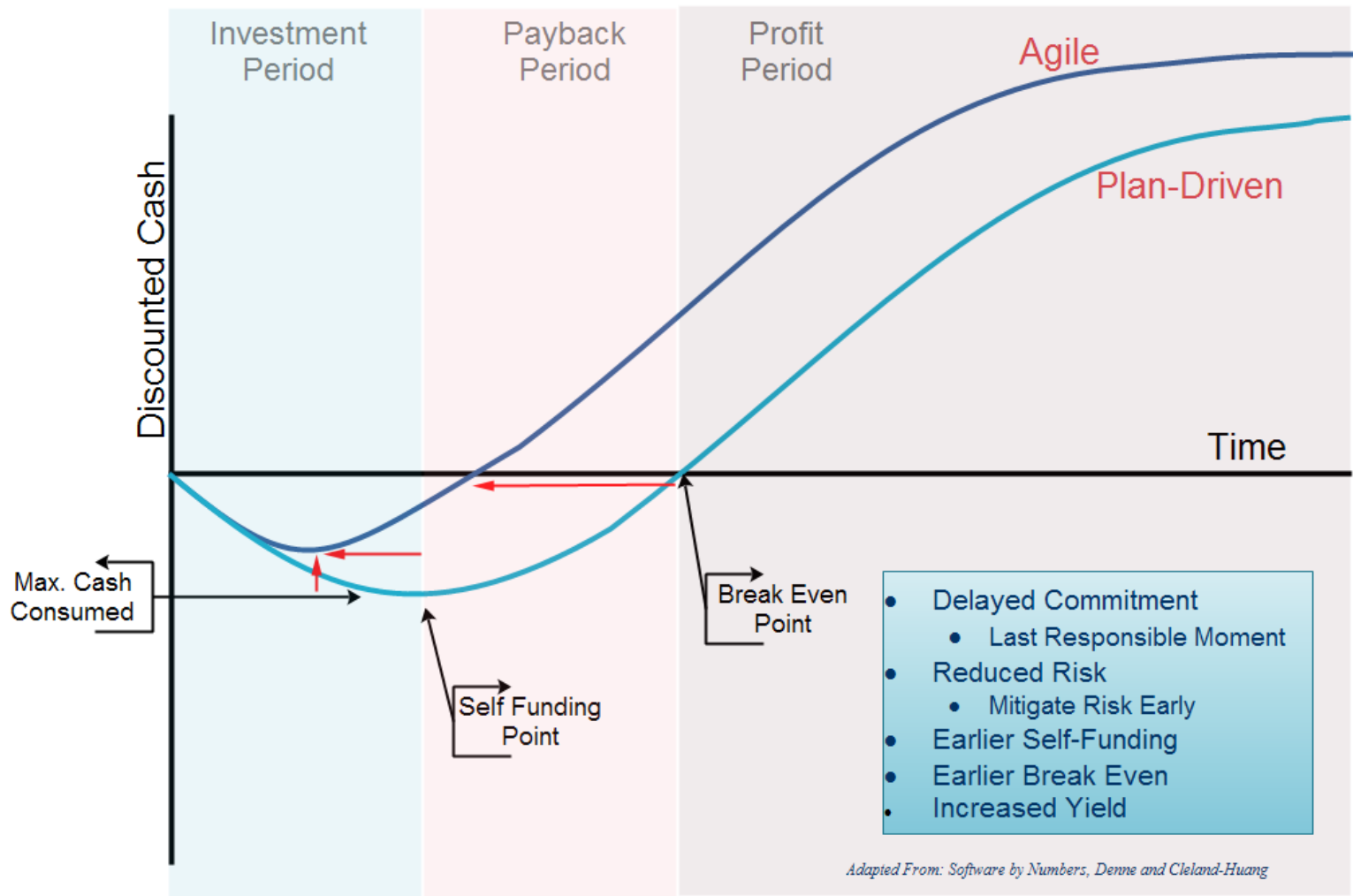
Responsiveness

Ouch!

What we really needed was a good  
hammer...



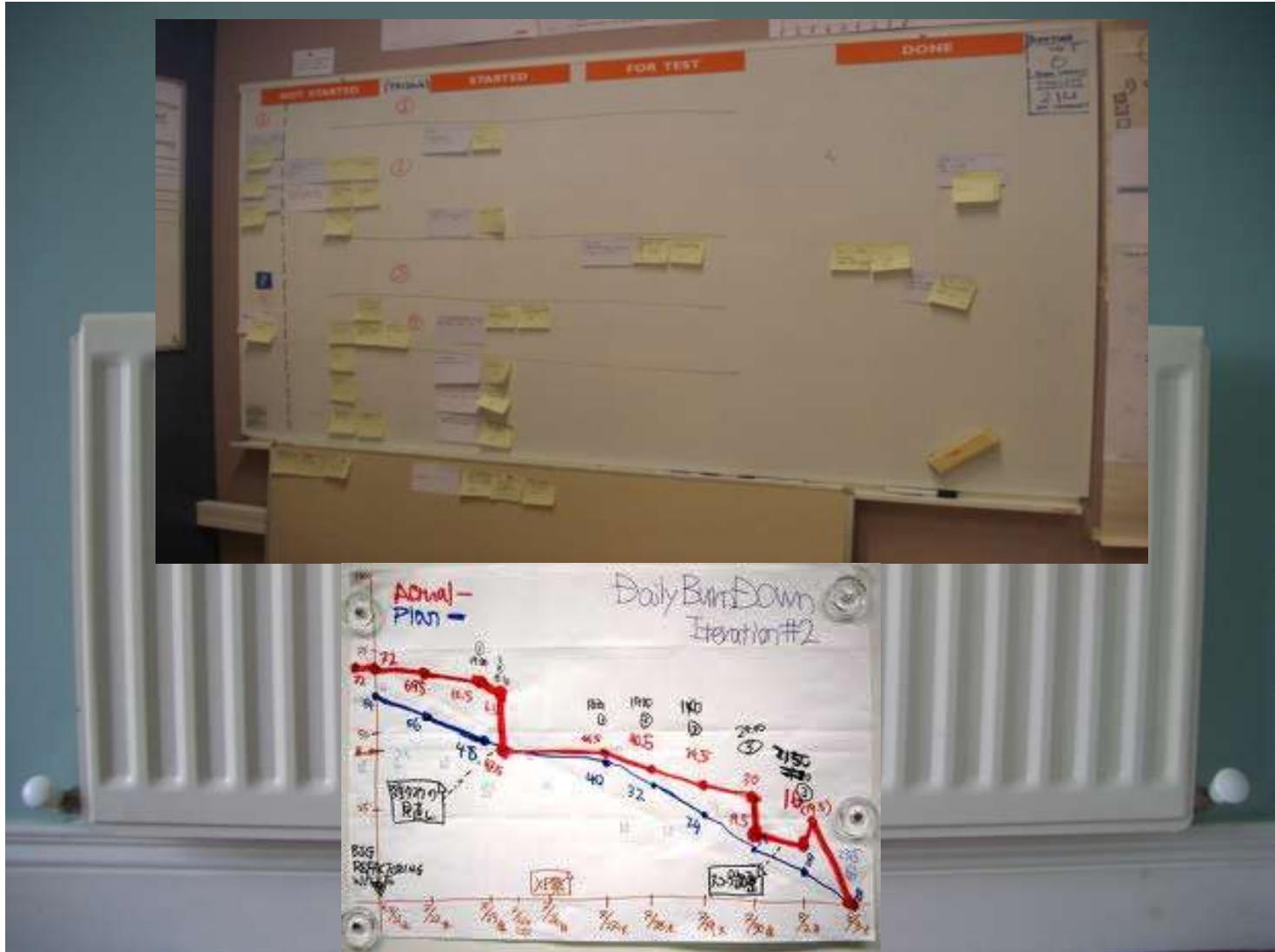




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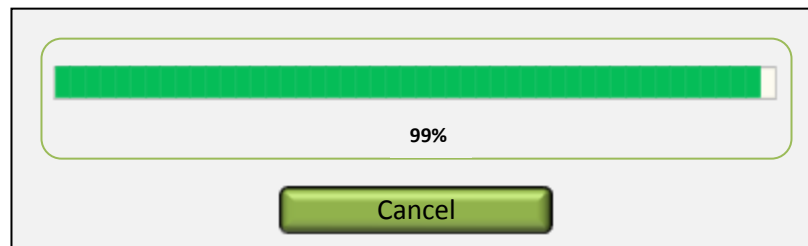
# Transparency





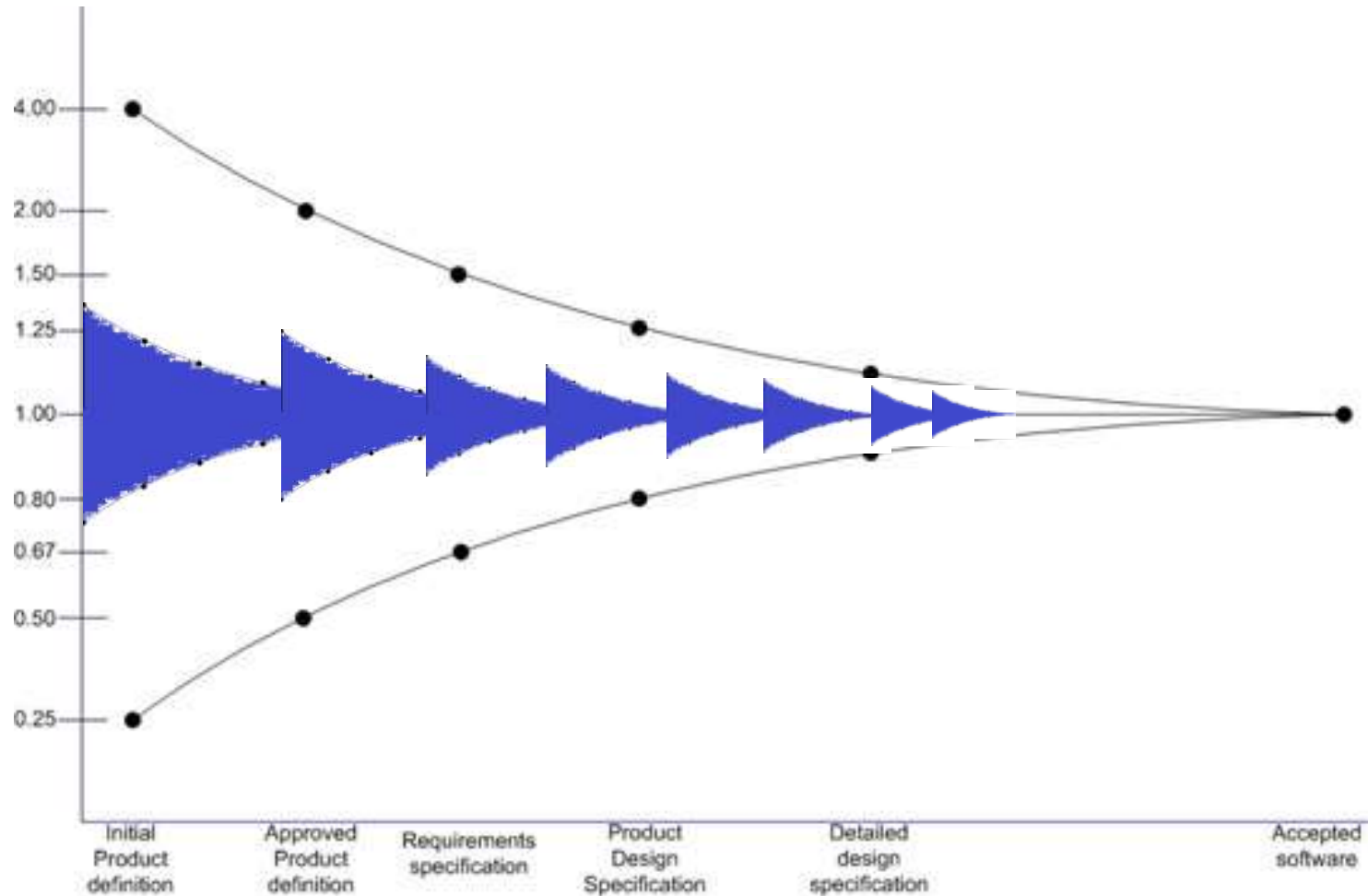
*“Prediction is hard –  
especially when its about the future”*

Niels Bohr





# Cone of Uncertainty





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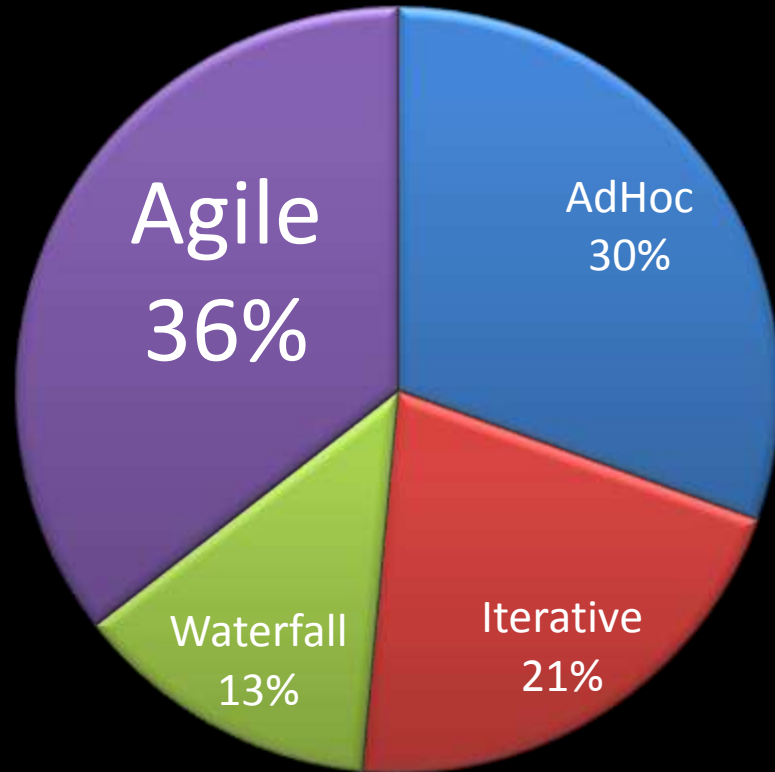
**AGILE IS MAINSTREAM**

# Gaining Traction...

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

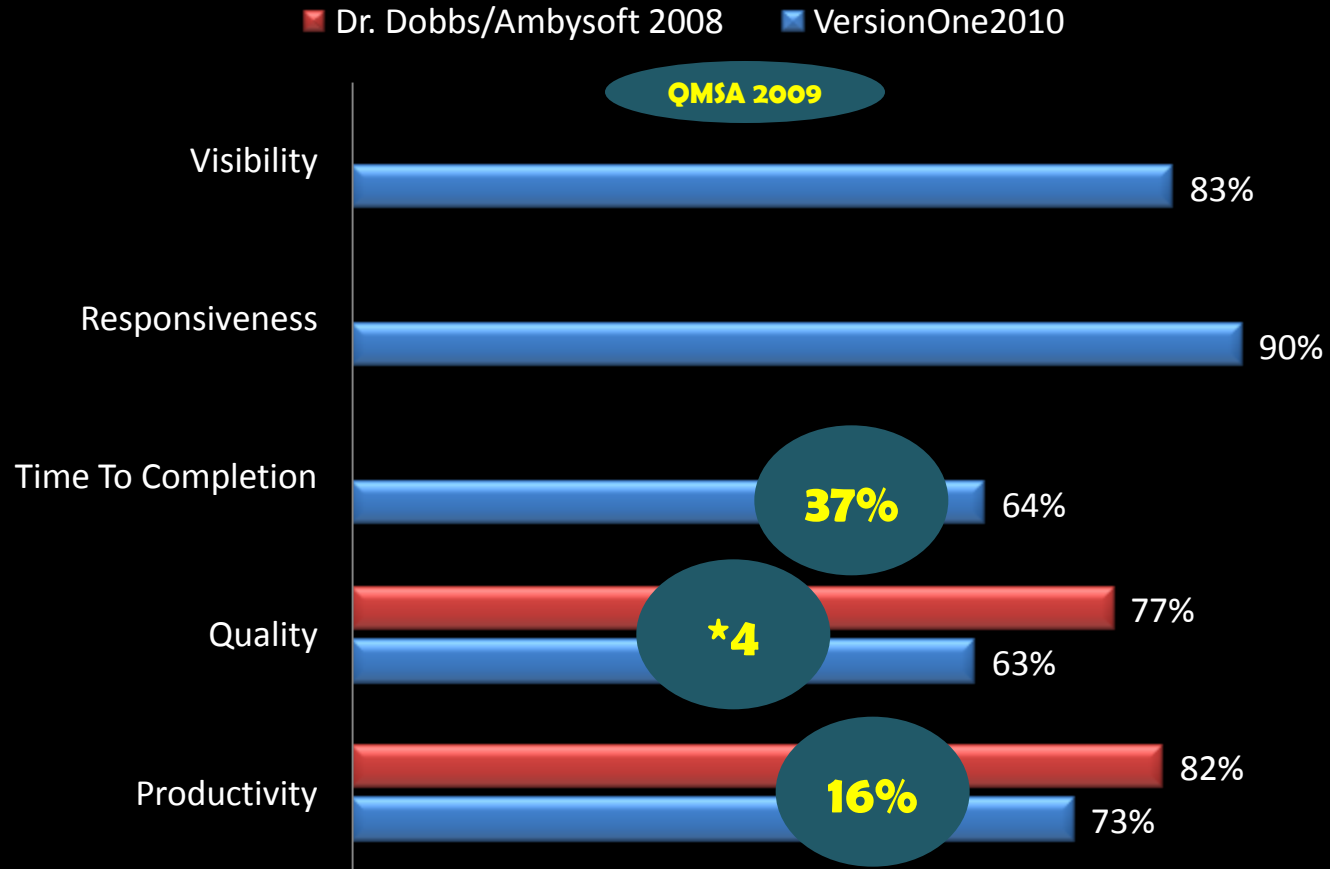
*Capgemini 2009: Agile is no. 4 of the Top 5 IT Priorities for 2010*

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



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

# Hard Evidence...





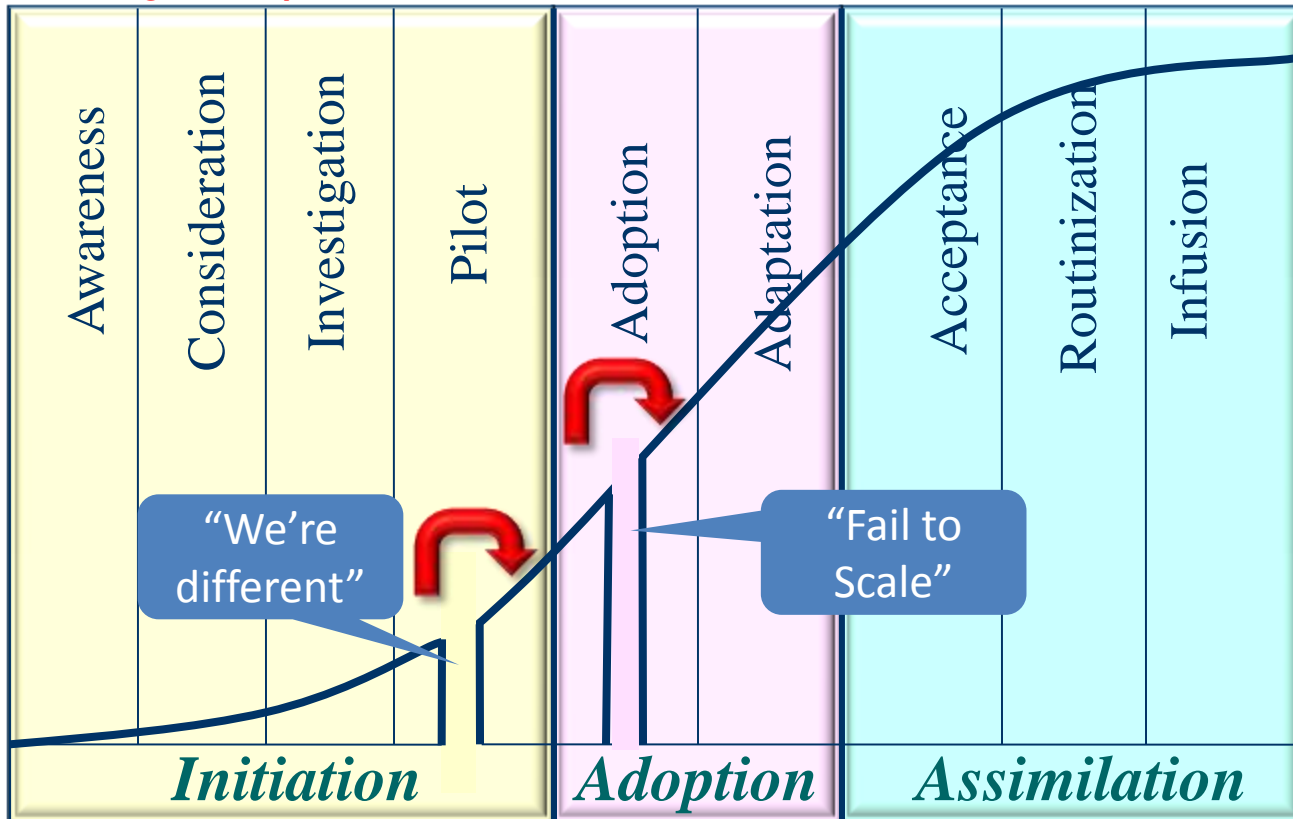


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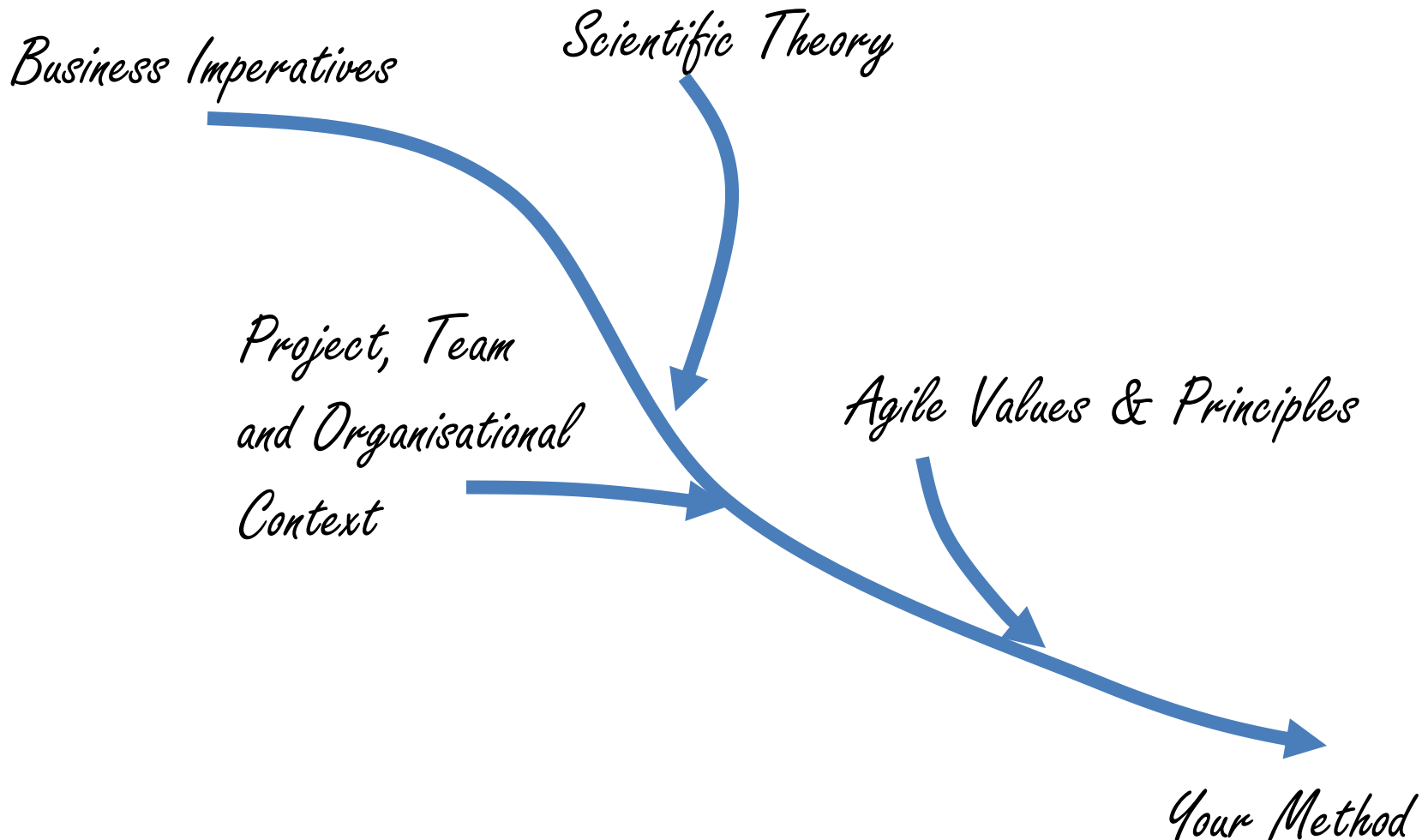
**WHERE NEXT?**

# The Agile Adoption Curve

*The Agile Adoption Curve and 'Chasms'*

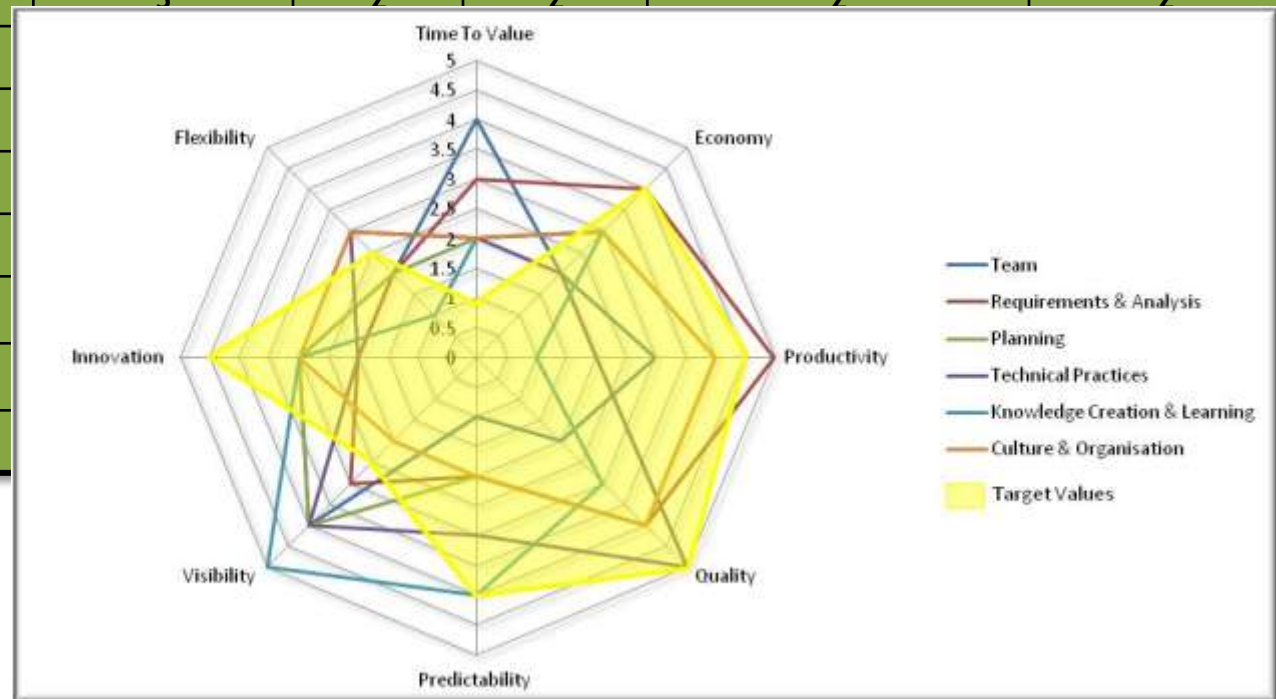


# It depends...



# Where am I?

Assessment Dimensions →	Team	Requirements & Analysis	Planning	Technical Practices	Knowledge Creation & Learning	Culture & Organisation
Business Drivers ↓						
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

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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.



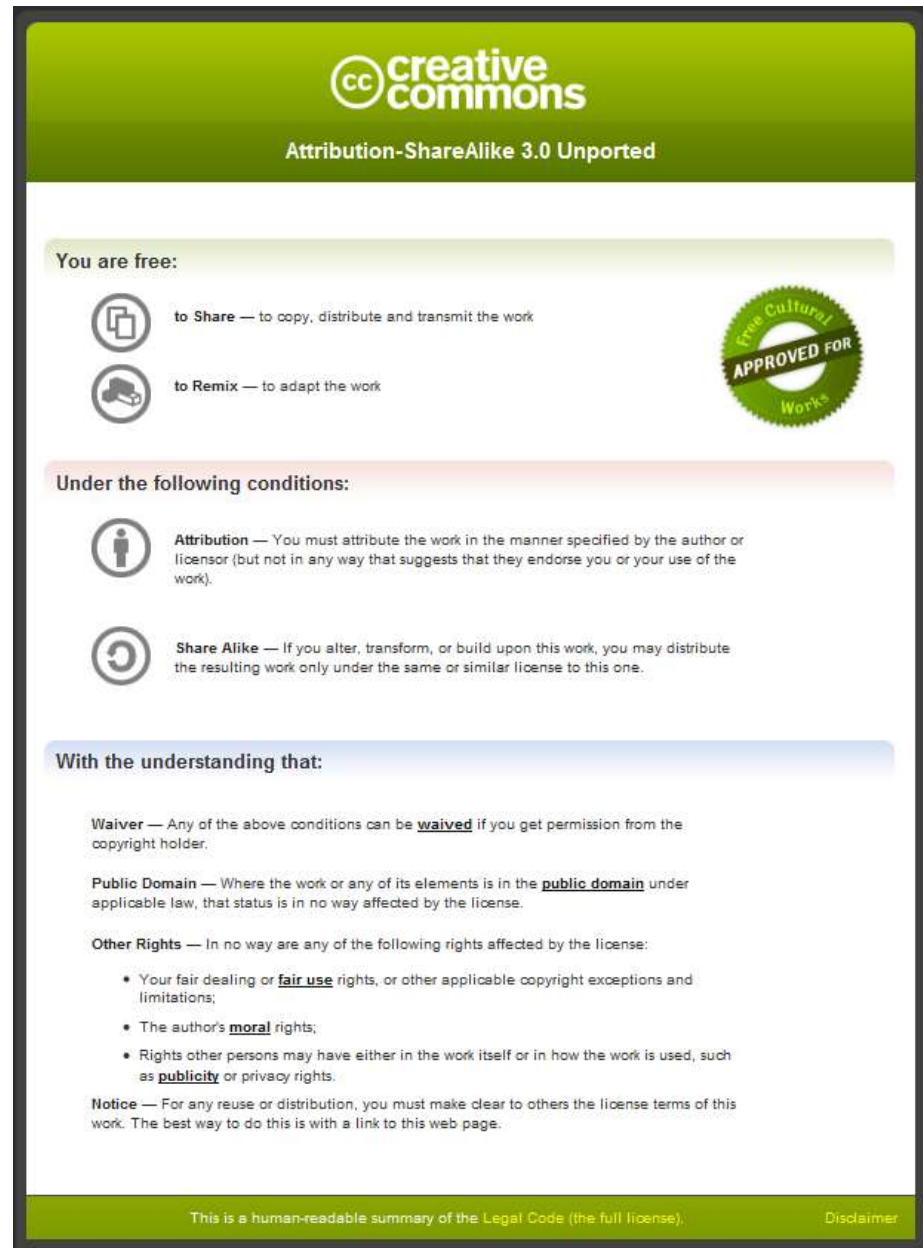
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