EXIN Agile Scrum

EXIN网络加油站

#第一期# Are You Ready To Change?

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Agenda

- 10:30-10:45 EXIN机构介绍及Agile Scrum认证考试介绍
- 10:45-11:15 Agile Scrum核心理念与基础知识
- 11:15-11:30 Agile Scrum成功案例
- 11:30-11:45 Q & A

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ABOUT EXIN

EXIN enables professionals and organizations to validate their ICT competences by being the trustworthy leading global institute for ICT validation. With more than 30 years of experience in certifying the competences of over **2 million** ICT-professionals worldwide, EXIN is the leading and trusted authority in ICT market. With over 1000 accredited partners EXIN facilitates exams and e-competence assessments in more than **165 countries** and **20 languages**.

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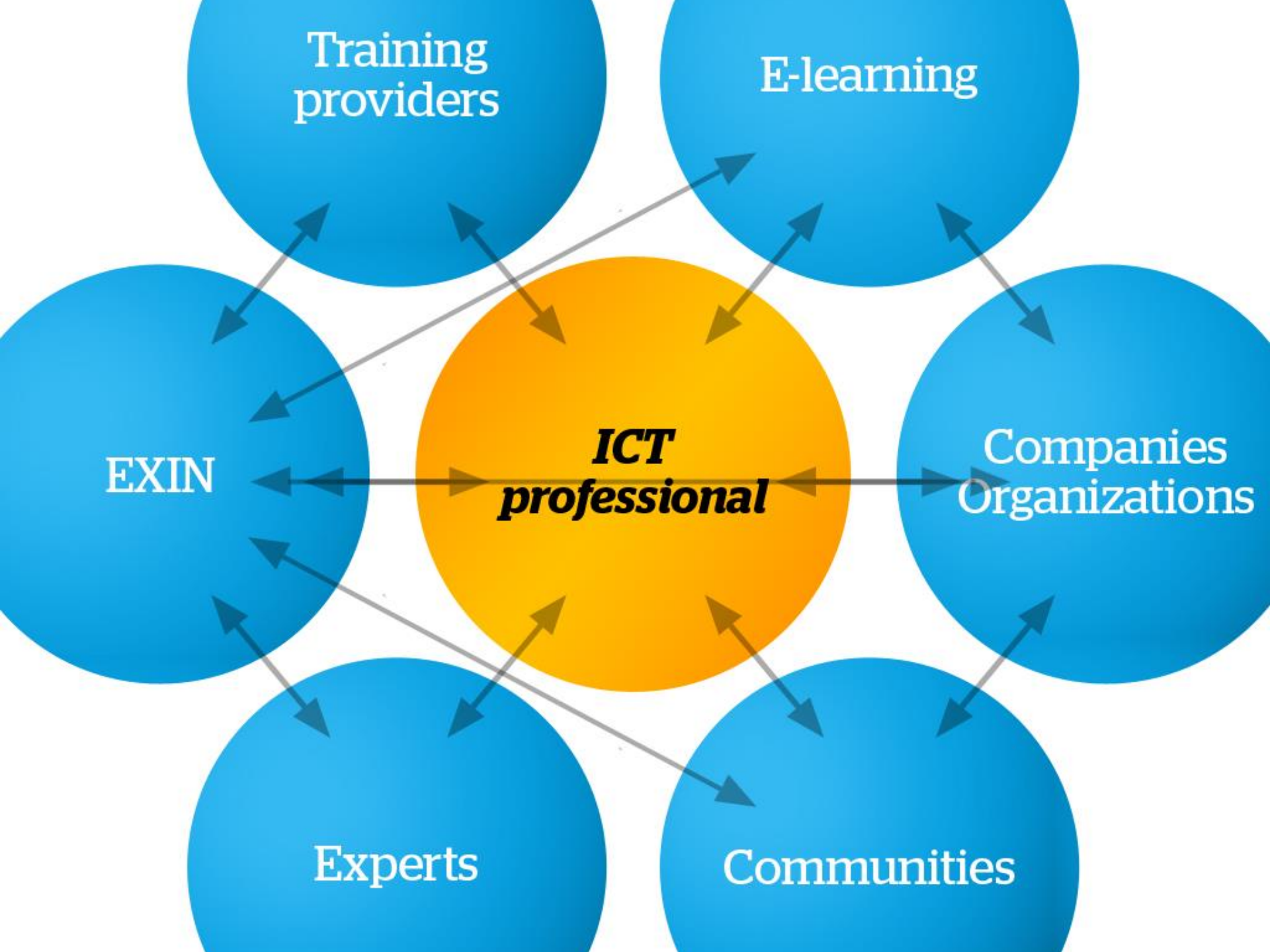
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EXIN Portfolio | 2015

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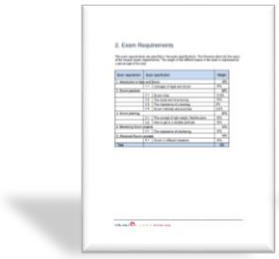
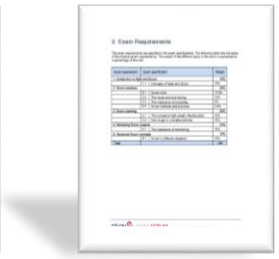
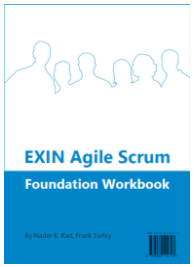
The professional needs to change..
Are You Ready to Change?
EXIN AGILE SCRUM

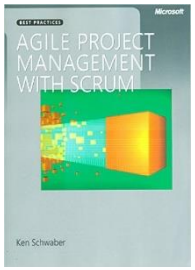
EXIN AGILE SCRUM

	Exam Summary	Exam duration	Number of Questions	Pass mark	Open book/notes	Electronic equipment/ aides permitted	Prerequisite & Mandatory demands
Agile Scrum Foundation	ASF looks to Validate a professional's blended knowledge in Agile methodologies and Scrum practices	60 min	40	65% (26 out of 40)	No	No	• Not required • Training is highly recommended, • Minimum contact hours: 14h
Agile Scrum Master	ASM looks to confirm both skills and knowledge of the Agile framework and Scrum methodology	90 min	40	65% (26 out of 40)	No	No	• 120 h study load • training is mandatory • Minimum contact hours: 16h • ASF exam is strongly recommended • Practical assignments is a must



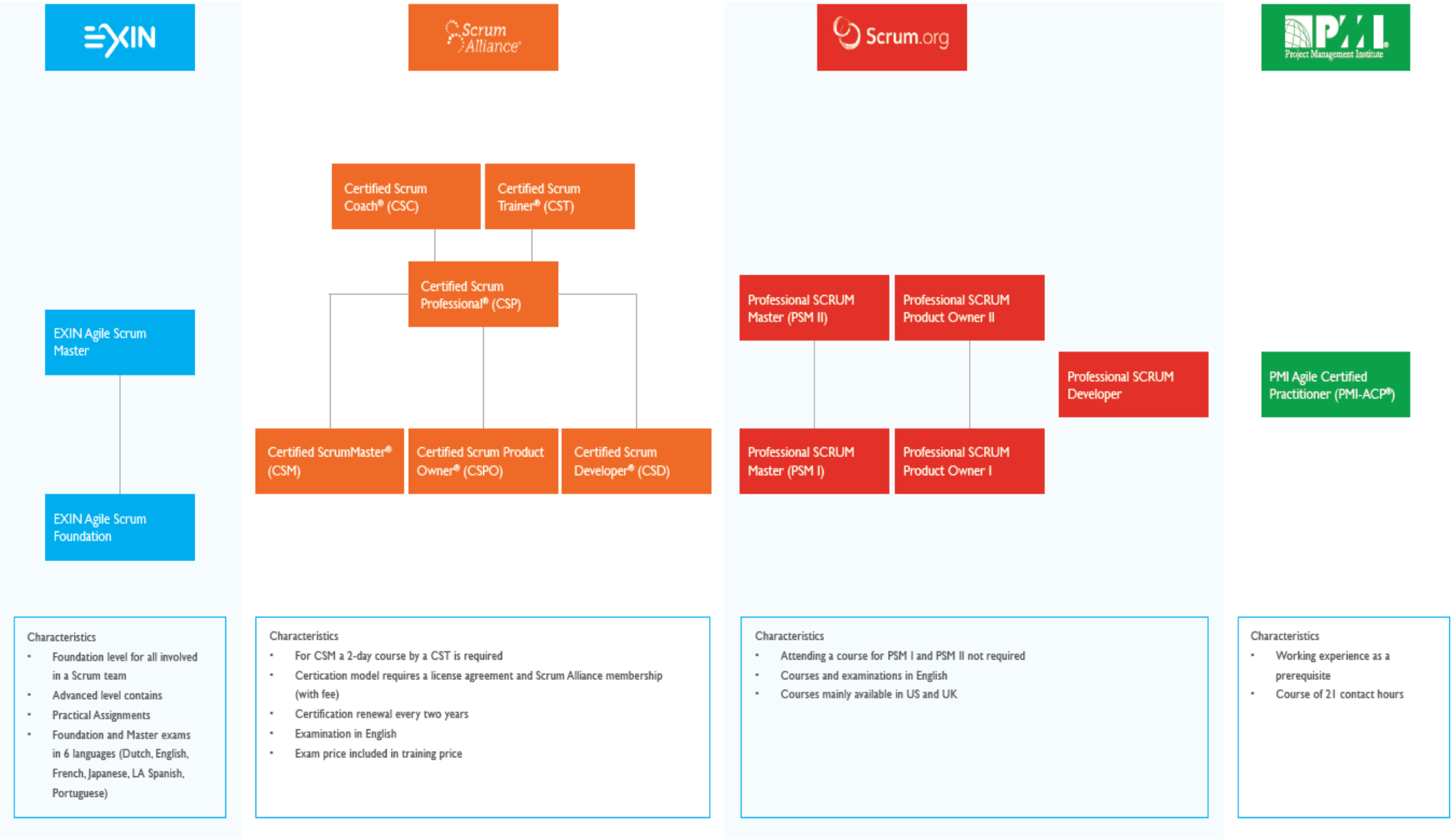






For detailed exam requirements and specifications, basic concepts and exam literatures, please find **Preparation Guide** here: https://www.exin.com/NL/en/certifications/&fw=exin-agile-scrum

Agile Certification in Comparison



For detailed Agile certification comparison, please refer to this article: click me

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Ethan Soo

Founder, CCG Innovation
Principle Designer, Coach & Trainer

About The Trainer

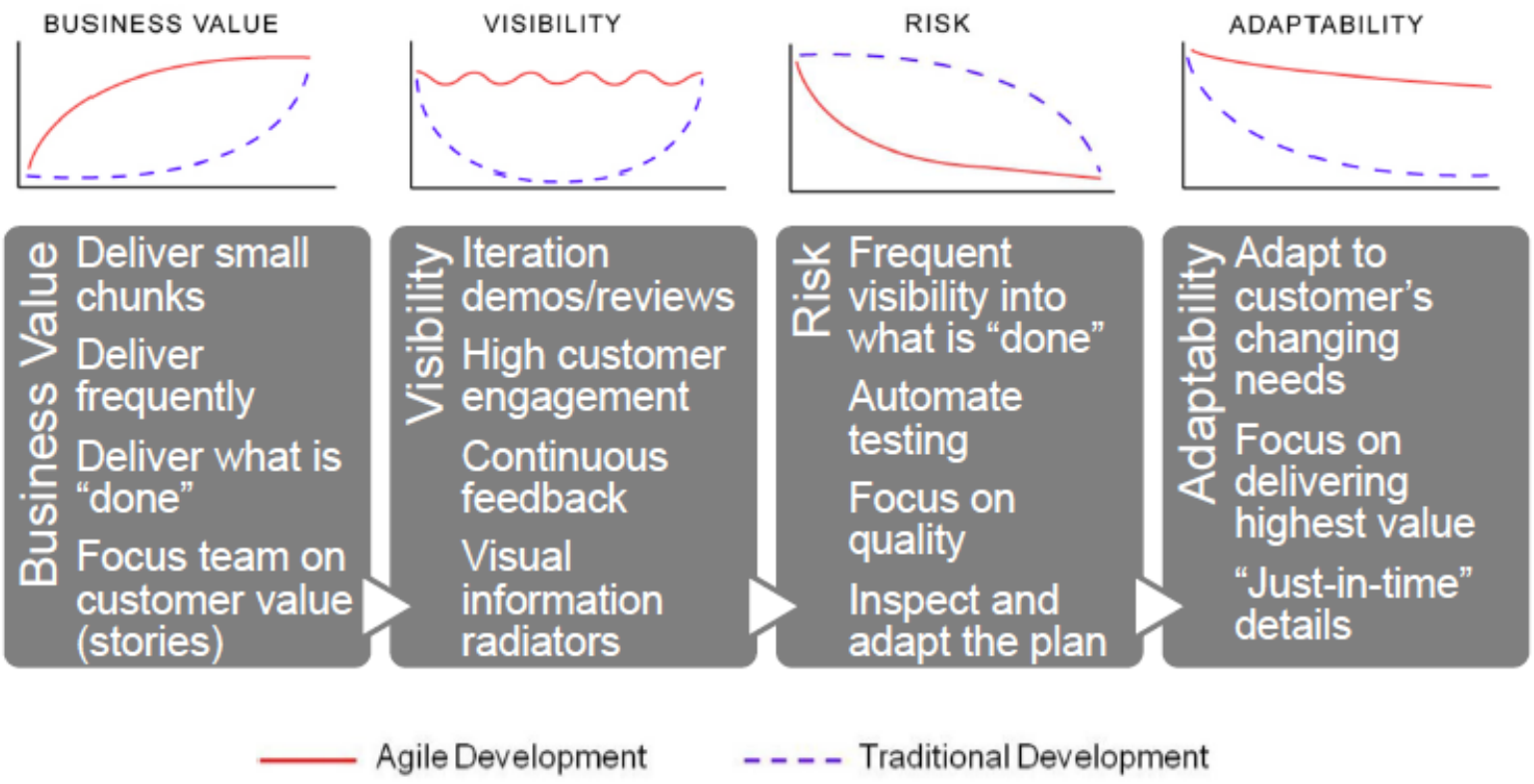
- Started in 2003,12 years implementing Agile.
- Led 15+ Agile transformations cases in the Greater China Region.
- Successful engagement in
  - 通讯（Cisco，中兴通讯）
  - 金融（中国银行，工商银行，招商银行）
  - 互联网（大众点评网）
  - 医疗（BD，三诺）
  - 大数据（AdMaster）
- CTO and director of engineering for 10 years.
- Supporter of Mike Cohn's approach to Scrum.

Why Agile?

What is the situation we are facing?

- Delivery too slow?
- Complex processes?
- Not meeting the business needs?
- Higher quality product?
- Better customer satisfaction?

Why Agile? – Value Proposition



Value drivers adapted from VersionOne.

Agile Introduction

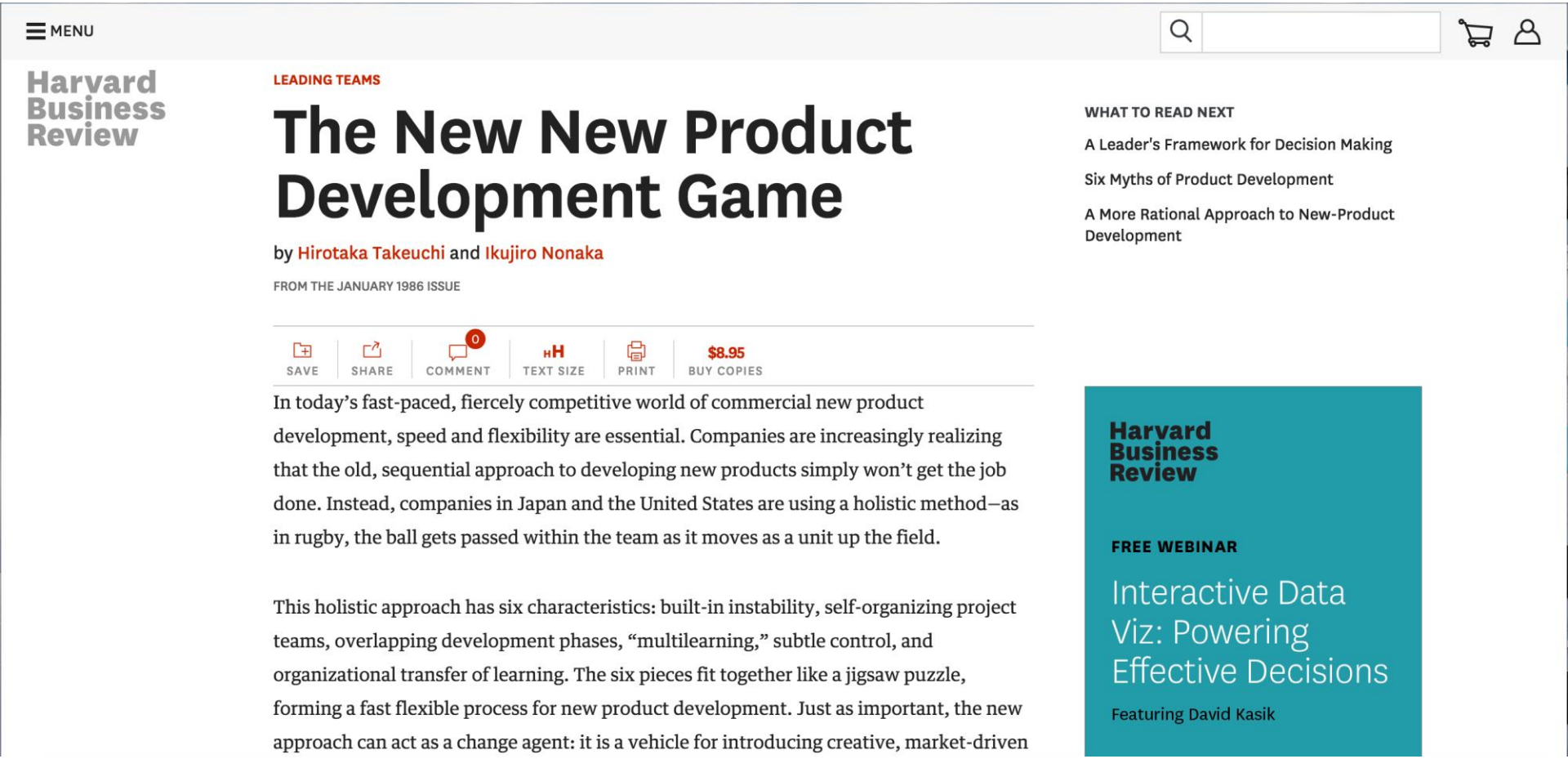
Some misunderstanding towards Agile

- Very demanding towards participants
- No documentation, no design

- Agile = Continuous Integration
- Agile = Scrum

- Only Agile is good, other methodology no good
- Agile process is easy to implement
- Agile is magic bullet, solves all my problems

The Beginning



MENU

Harvard Business Review

LEADING TEAMS

The New New Product Development Game

by Hirotaka Takeuchi and Ikujiro Nonaka

FROM THE JANUARY 1986 ISSUE

SAVE SHARE COMMENT 0 TEXT SIZE PRINT $8.95 BUY COPIES

In today's fast-paced, fiercely competitive world of commercial new product development, speed and flexibility are essential. Companies are increasingly realizing that the old, sequential approach to developing new products simply won't get the job done. Instead, companies in Japan and the United States are using a holistic method—as in rugby, the ball gets passed within the team as it moves as a unit up the field.

This holistic approach has six characteristics: built-in instability, self-organizing project teams, overlapping development phases, "multilearning," subtle control, and organizational transfer of learning. The six pieces fit together like a jigsaw puzzle, forming a fast flexible process for new product development. Just as important, the new approach can act as a change agent: it is a vehicle for introducing creative, market-driven

WHAT TO READ NEXT

A Leader's Framework for Decision Making

Six Myths of Product Development

A More Rational Approach to New-Product Development

Harvard Business Review

FREE WEBINAR

Interactive Data Viz: Powering Effective Decisions

Featuring David Kasik

The Beginning

result of later information. The team does not stop then, but engages in iterative experimentation. This goes on in even the latest phases of the development process.

EXHIBIT 1

Sequential (A) vs. overlapping (B and C) phases of development

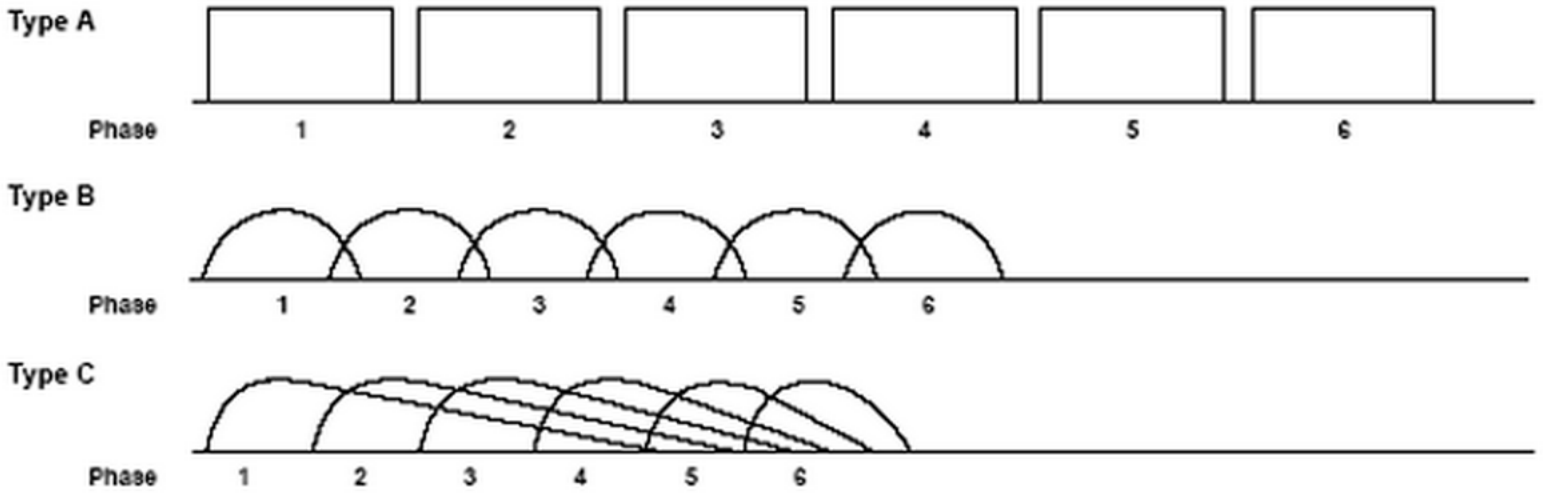
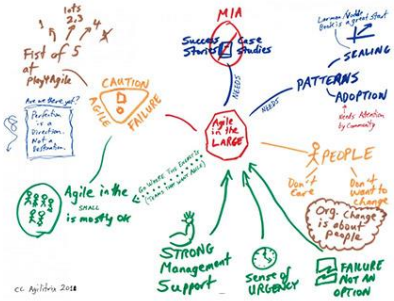
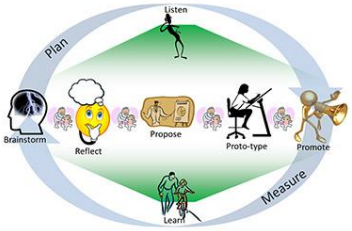
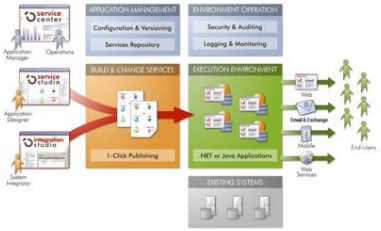


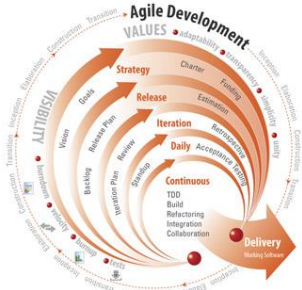
Exhibit 1 Sequential (A) vs. overlapping (B and C) phases of development

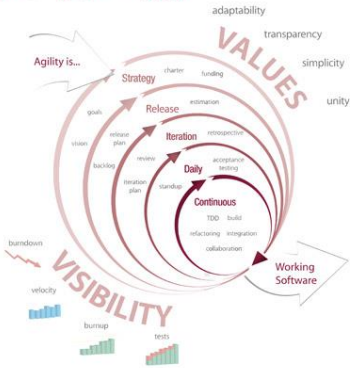
The Beginning

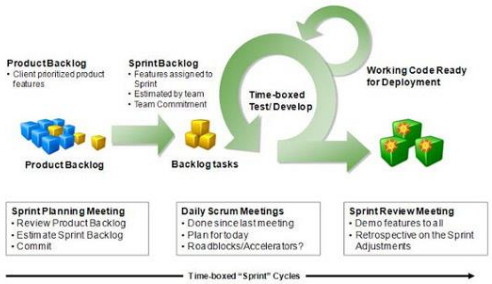


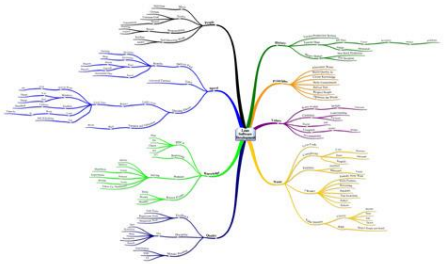


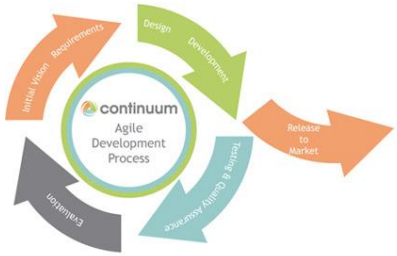


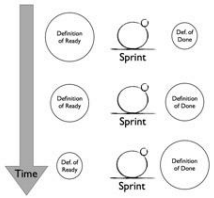












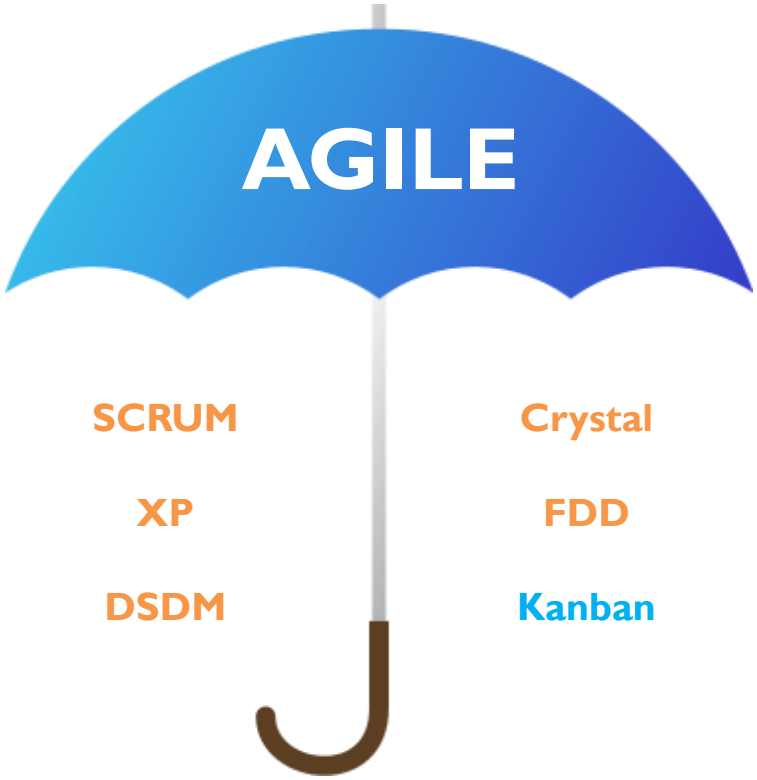
Manifesto for Agile Software Development

Individuals and interactions	Over	processes and tools
Working software	Over	comprehensive documentation
Customer collaboration	Over	contract negotiation
Responding to change	Over	following a plan

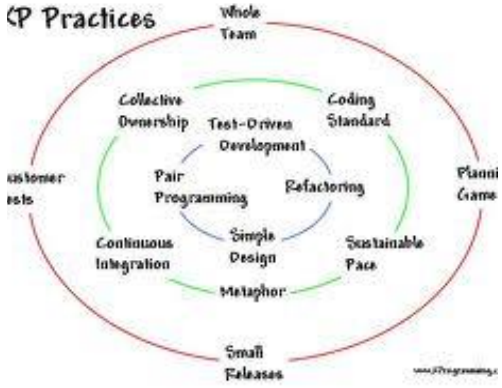
That is, while there is value in the items on the right, we value the items on the left more.

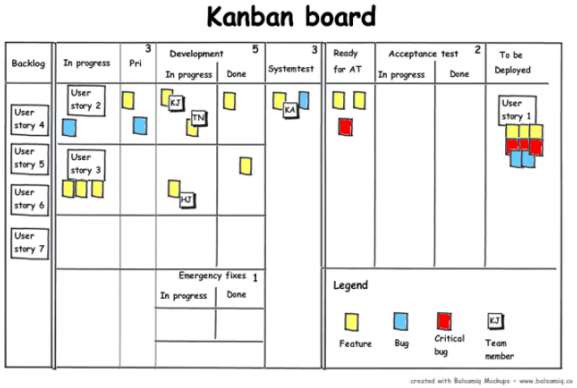
Agile Practices

Agile is an umbrella term to reference a number of software development methods/practices



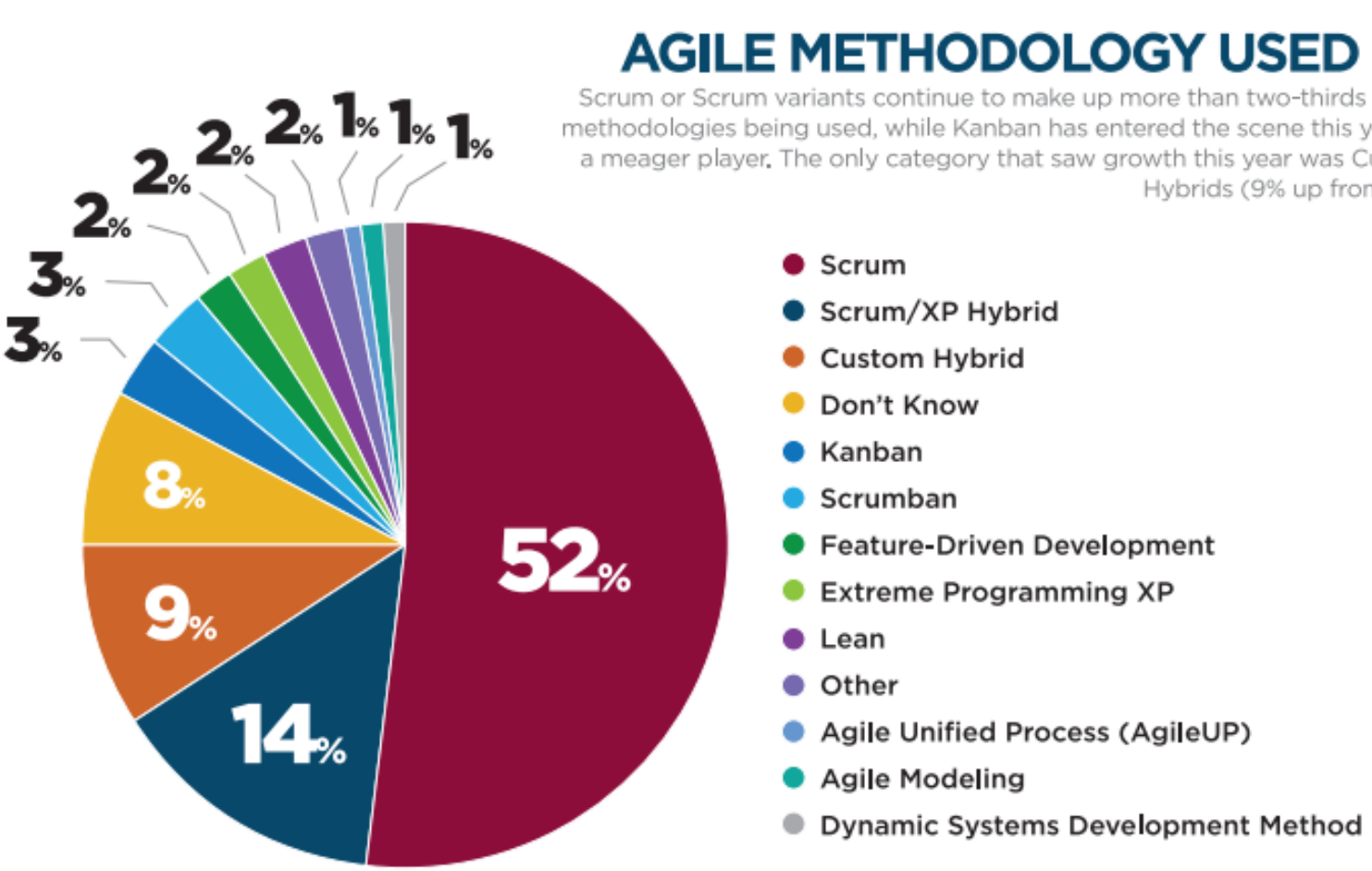
Why Scrum?



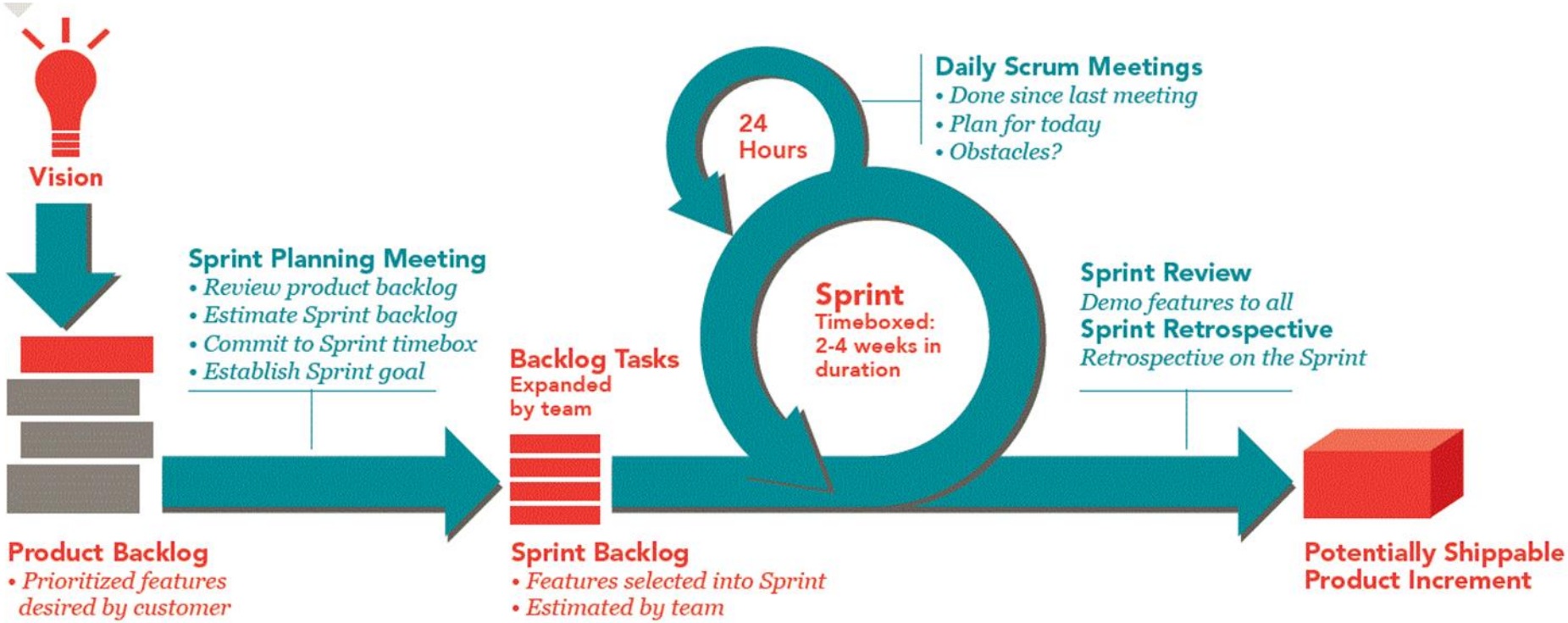


Scrum **XP** **Kanban**

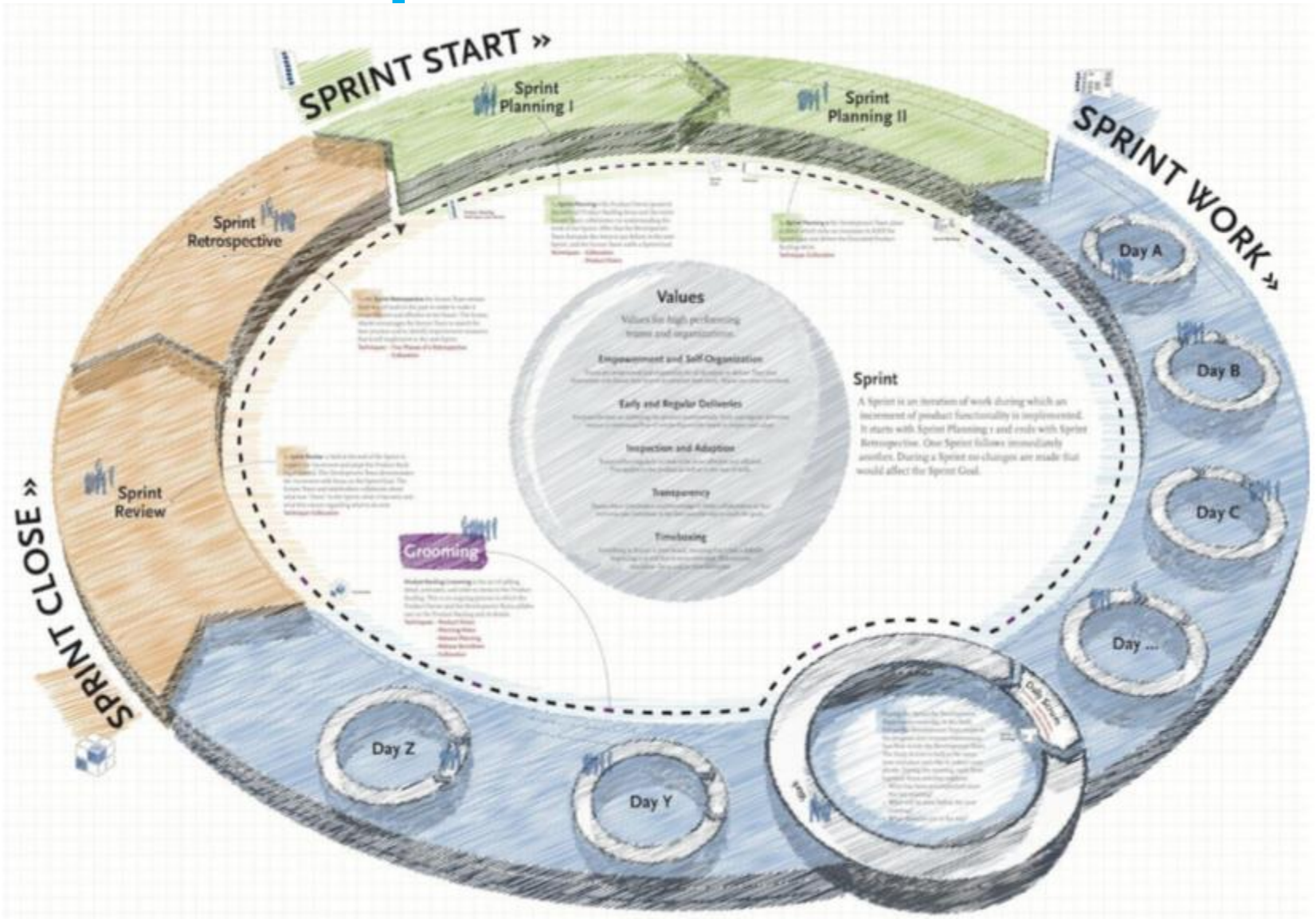
Status of Agile implementation



the SCRUM SOFTWARE DEVELOPMENT PROCESS

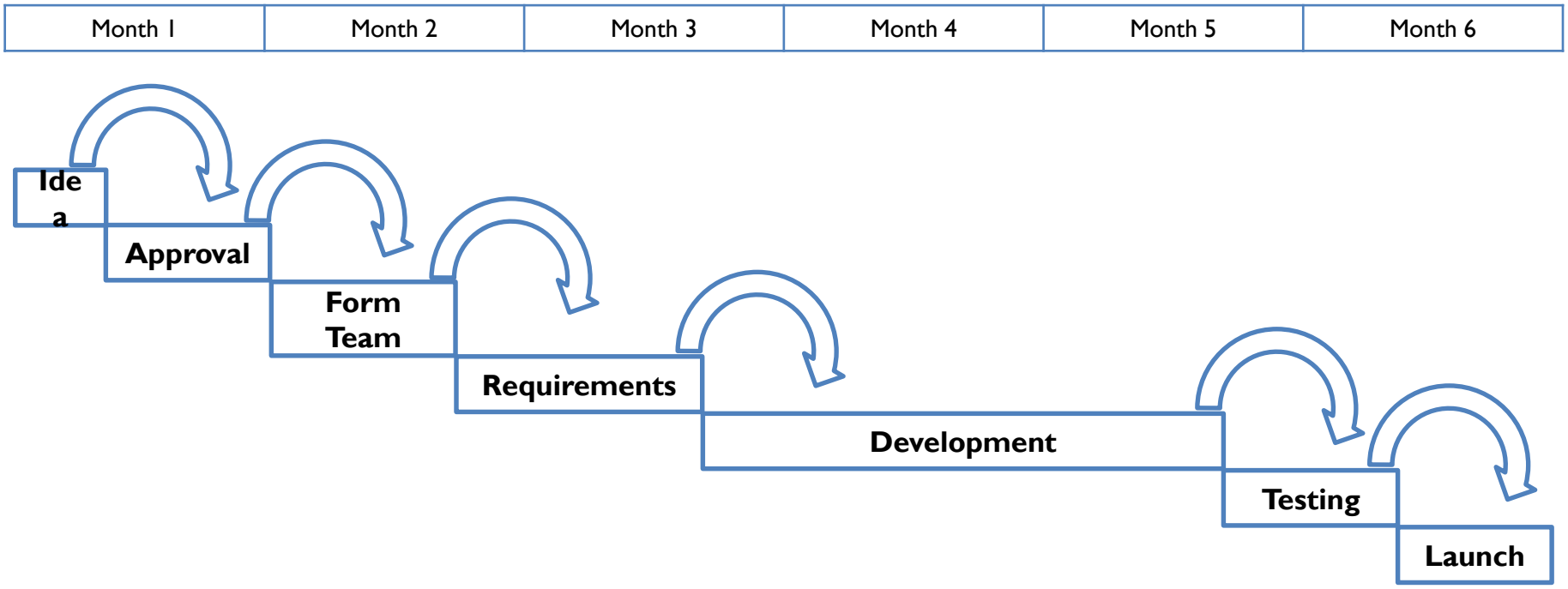


Sprint Timeline

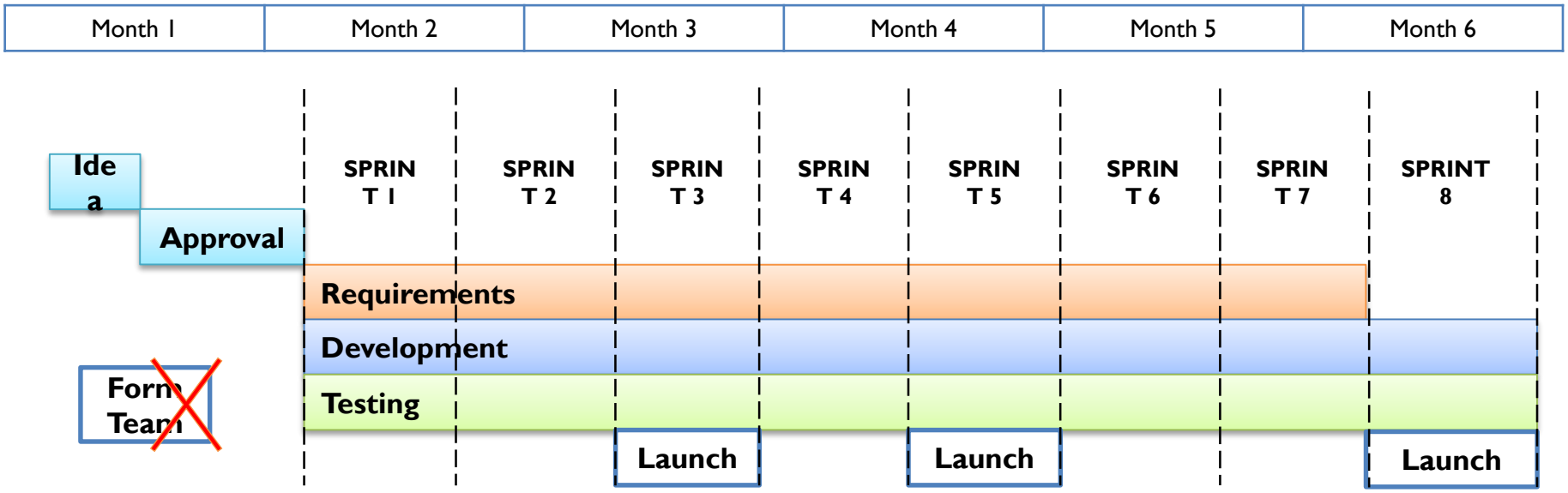


Minimal Framework

Before Agile



After Agile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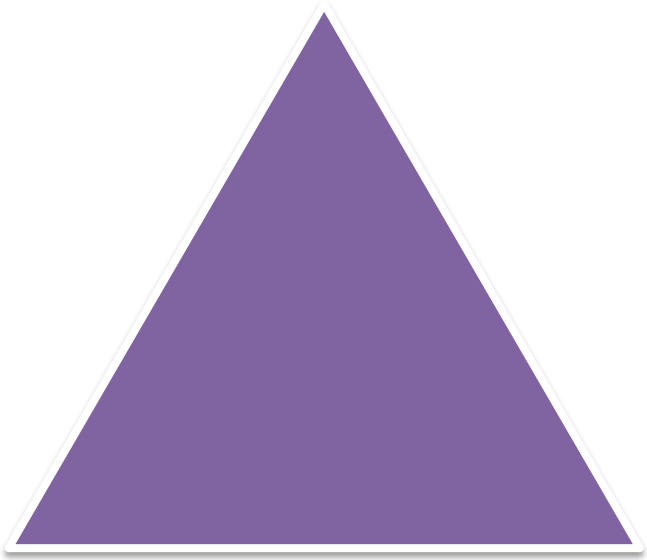
Month 2
Month 3
Month 4
Month 5
Month 6
Ide a
Approval
SPRIN T 1
SPRIN T 2
SPRIN T 3
SPRIN T 4
SPRIN T 5
SPRIN T 6
SPRIN T 7
SPRINT 8
Requirements
Development
Testing
Launch
Launch
Launch

FIXED

SCOPE

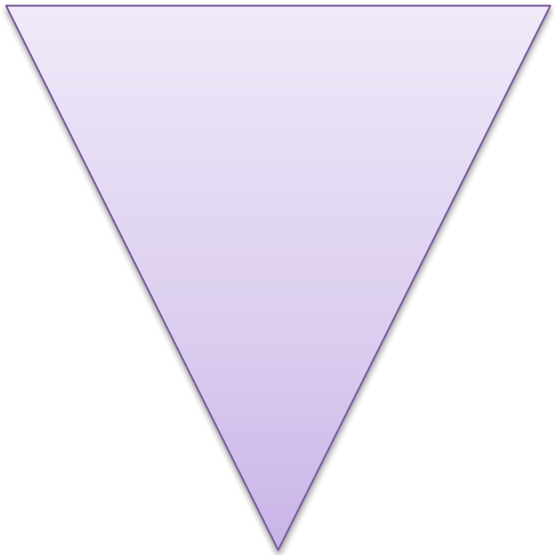
RESOURCE

TIME



PLAN DRIVEN

VALUE DRIVEN



RESOURCE

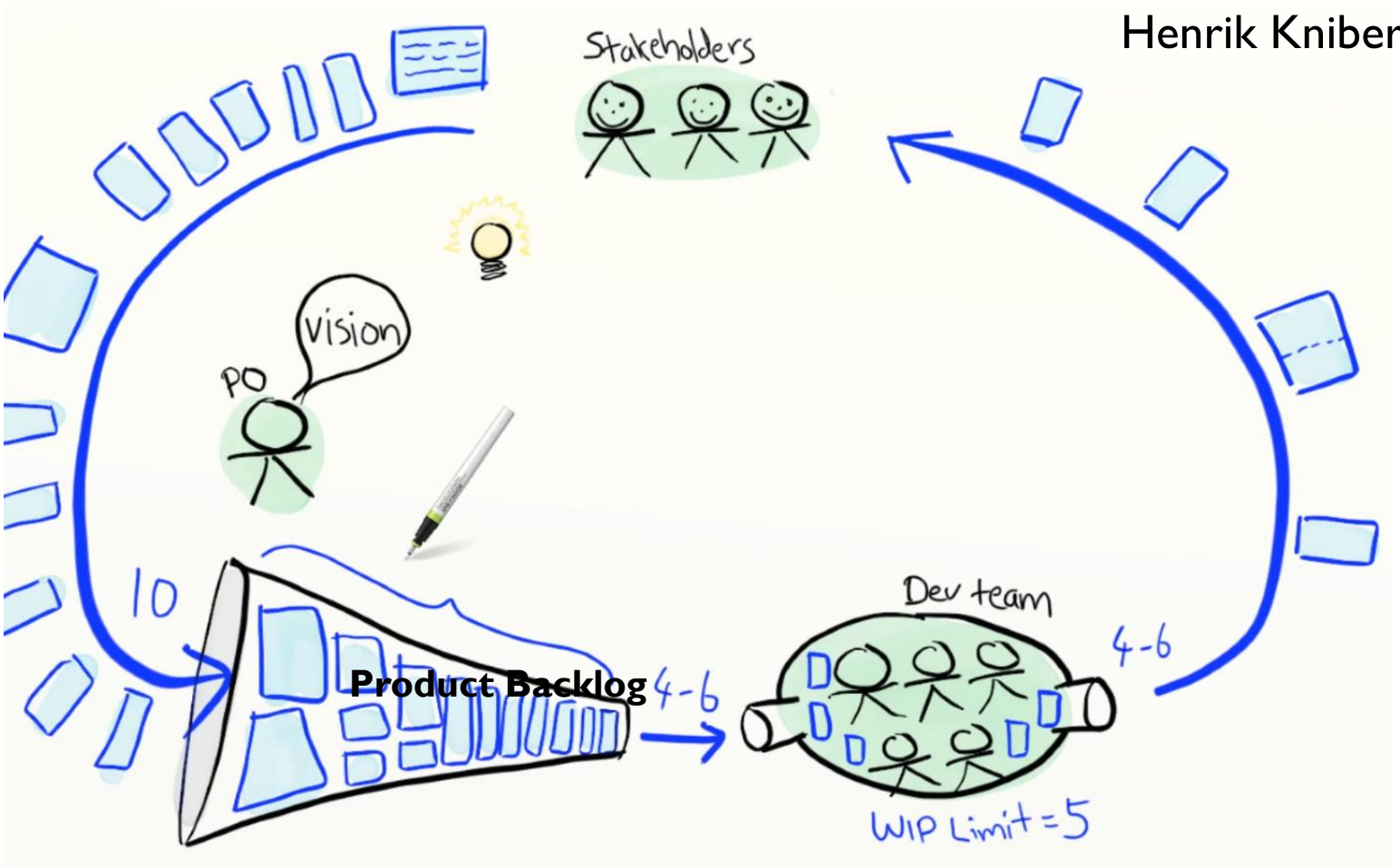
TIME

SCOPE

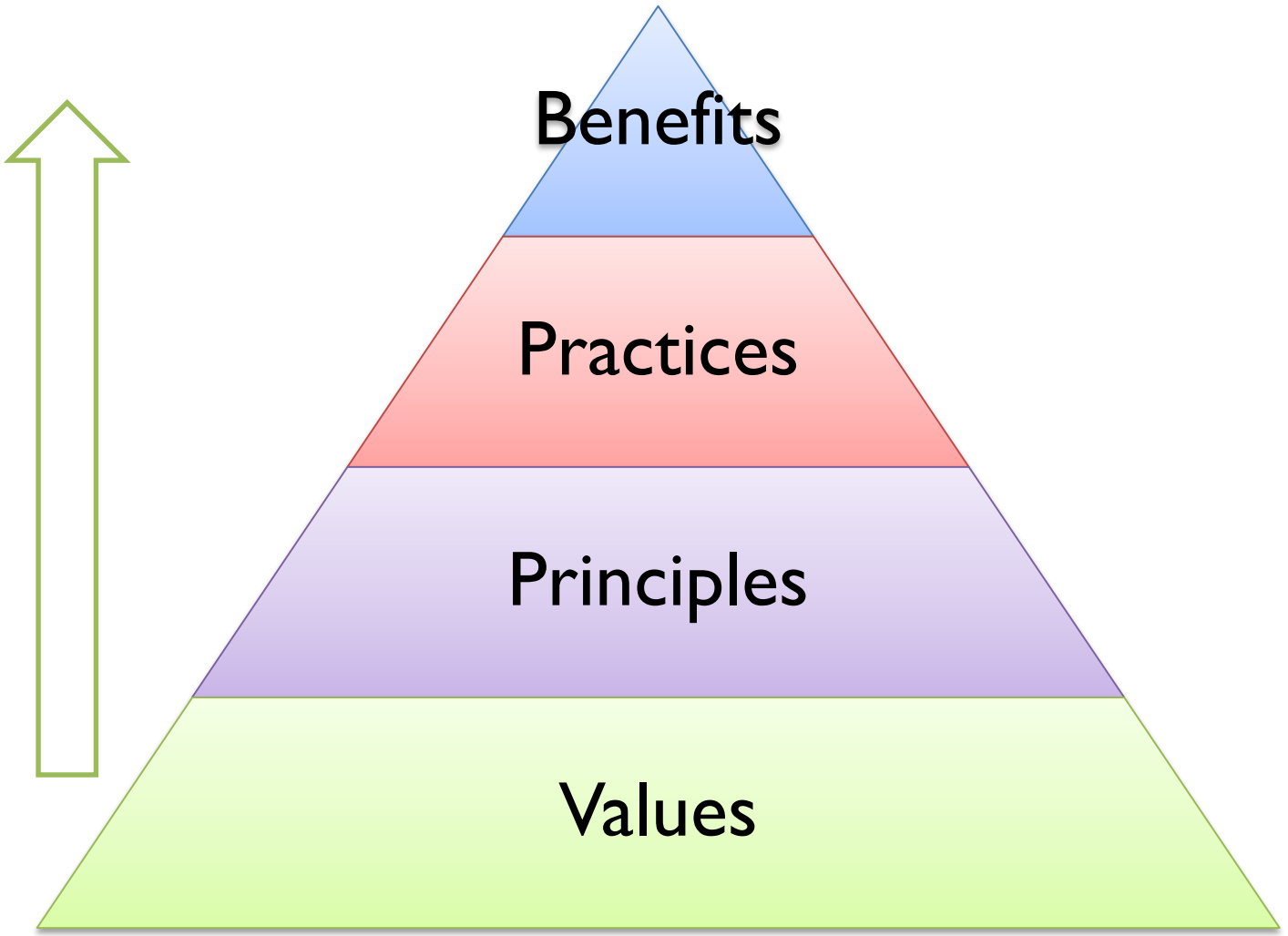
VARIABLE

Software Development Cycle with Scrum

* From video by Henrik Kniberg



Agile Benefits – Built on Values



Critical Success Factors – Agile Transformation

Critical Success Factors	Risk Mitigation
Leadership Support	• Top management engagement and alignment • Cross functional management champions • Workshops for agile management role
Business Alignment	• Involve business as active participants • Define & train Product Owner roles • Align priorities and share roadmaps
Focused Resources	• Team members allowed to focus on work of the team with little to no multi-tasking • Co-location of teams where possible
Communication & Transparency	• Consistent reporting out of team progress • Agile Role forums and continuous learning
Internal COE	• Build internal expertise • Establish roles for driving culture change

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Success Stories

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Q & A

The End

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