

A short introduction to
Scrum

A simple Definition of Scrum

- Scrum (n): A framework within which people can address complex problems, and productively and creatively develop products of the highest possible value.

(source: ADM)

Framework

Roles

- Product Owner
- Team
- Scrum Master

Artifacts

- Increment
- Product Backlog
- Sprint Backlog

Events

- Sprint
- Sprint Planning
- Daily Scrum
- Sprint Review
- Retrospective

(source: ADM)

Roles, Artifacts and Events in Action

Roles

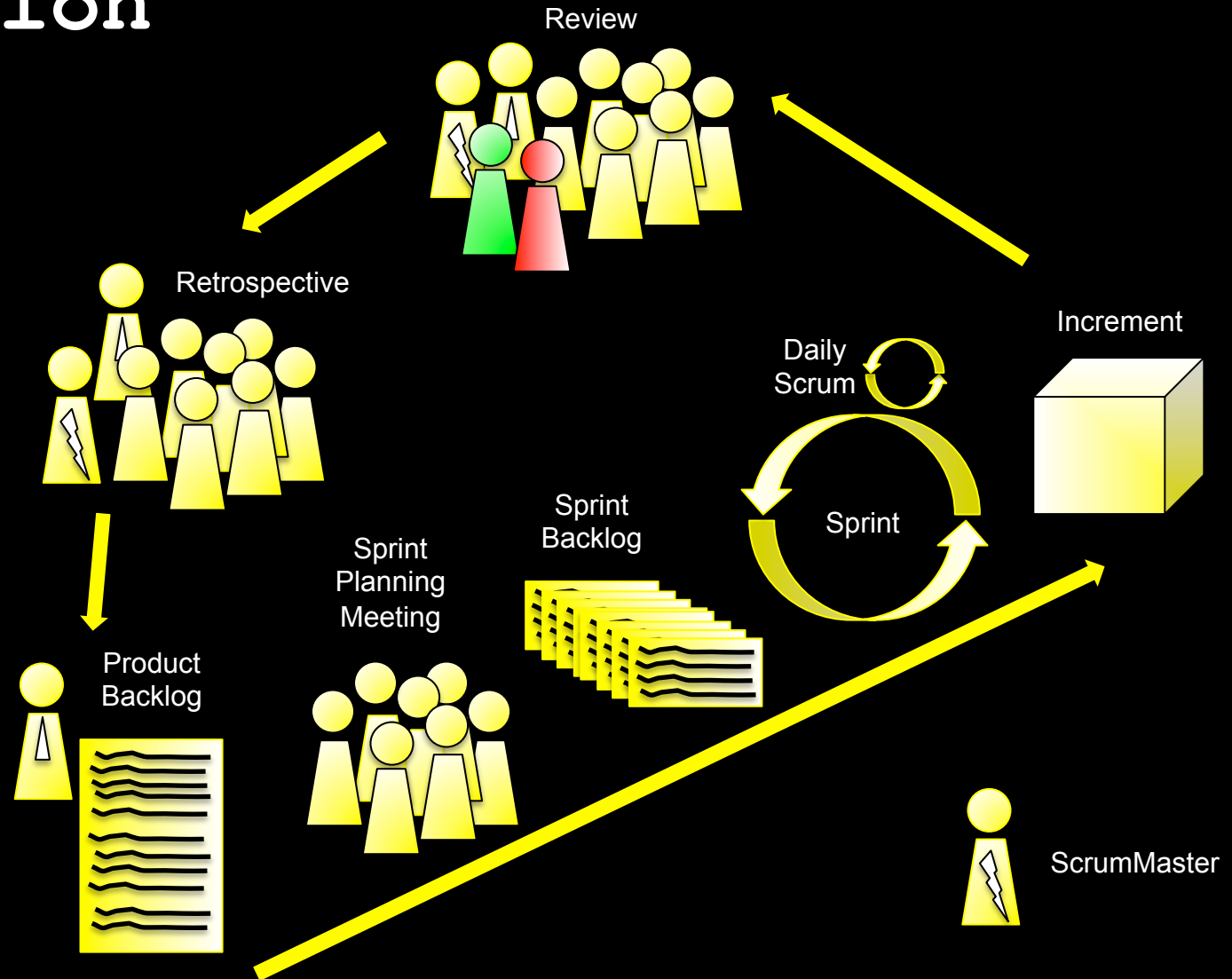
Product Owner
Team
Scrum Master

Artifacts

Product Backlog
Sprint Backlog
Increment

Events

Sprint Planning
Sprint
Daily Scrum
Sprint Review
Retrospective



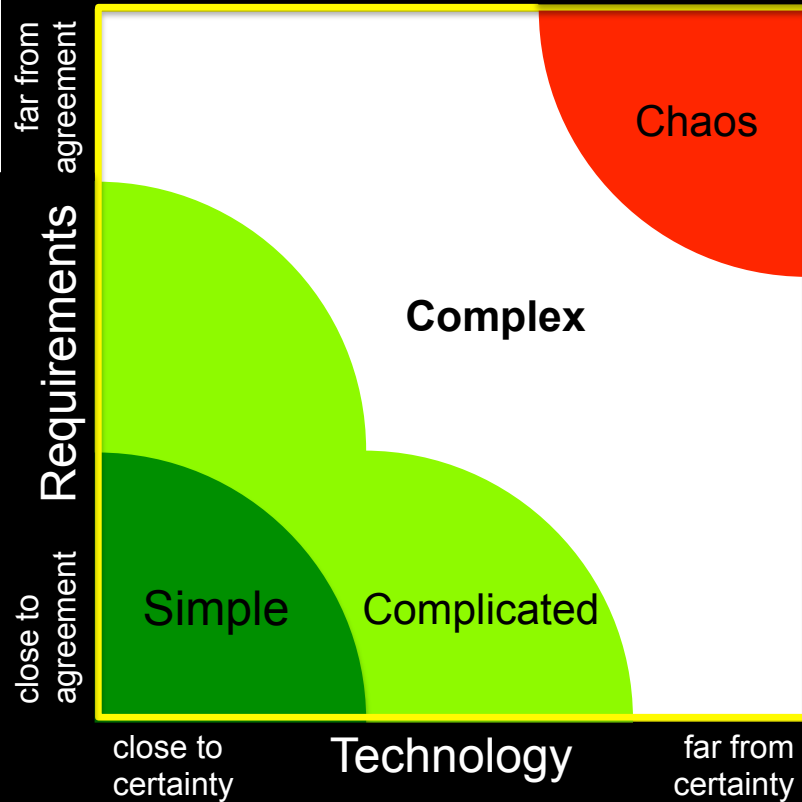
(source: ADM)

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effective agile.

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Complex



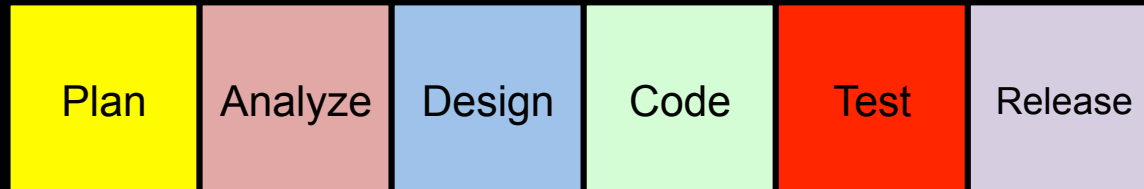
<p>Complex</p> <p>Probe</p> <p>Sense</p> <p>Respond</p> <p>Emergent</p>	<p>Complicated</p> <p>Sense</p> <p>Analyze</p> <p>Respond</p> <p>Good Practices</p>
<p>Chaos</p> <p>Act</p> <p>Sense</p> <p>Respond</p> <p>Novel</p>	<p>Simple</p> <p>Sense</p> <p>Categorize</p> <p>Respond</p> <p>Best Practices</p>

(source: IBM)

Defined vs Empirical

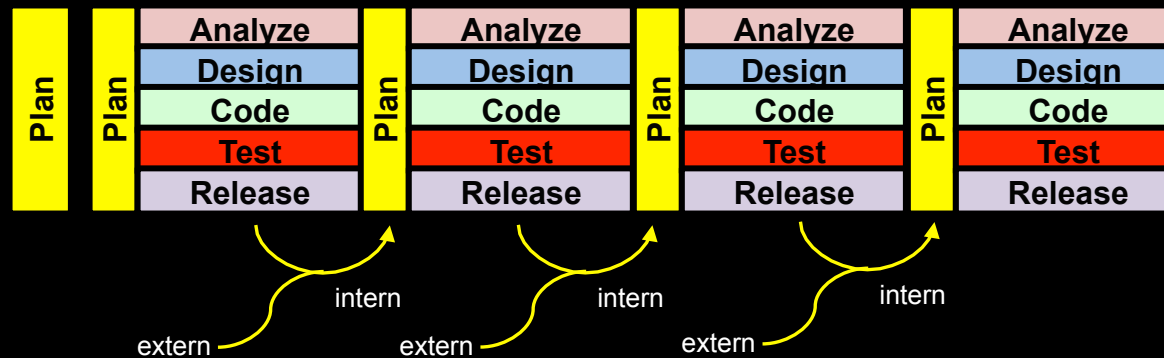
Waterfall (Defined)

Plan for the entire project up-front



Scrum (Empirical)

Plan a little for the entire project and then a little for each Sprint



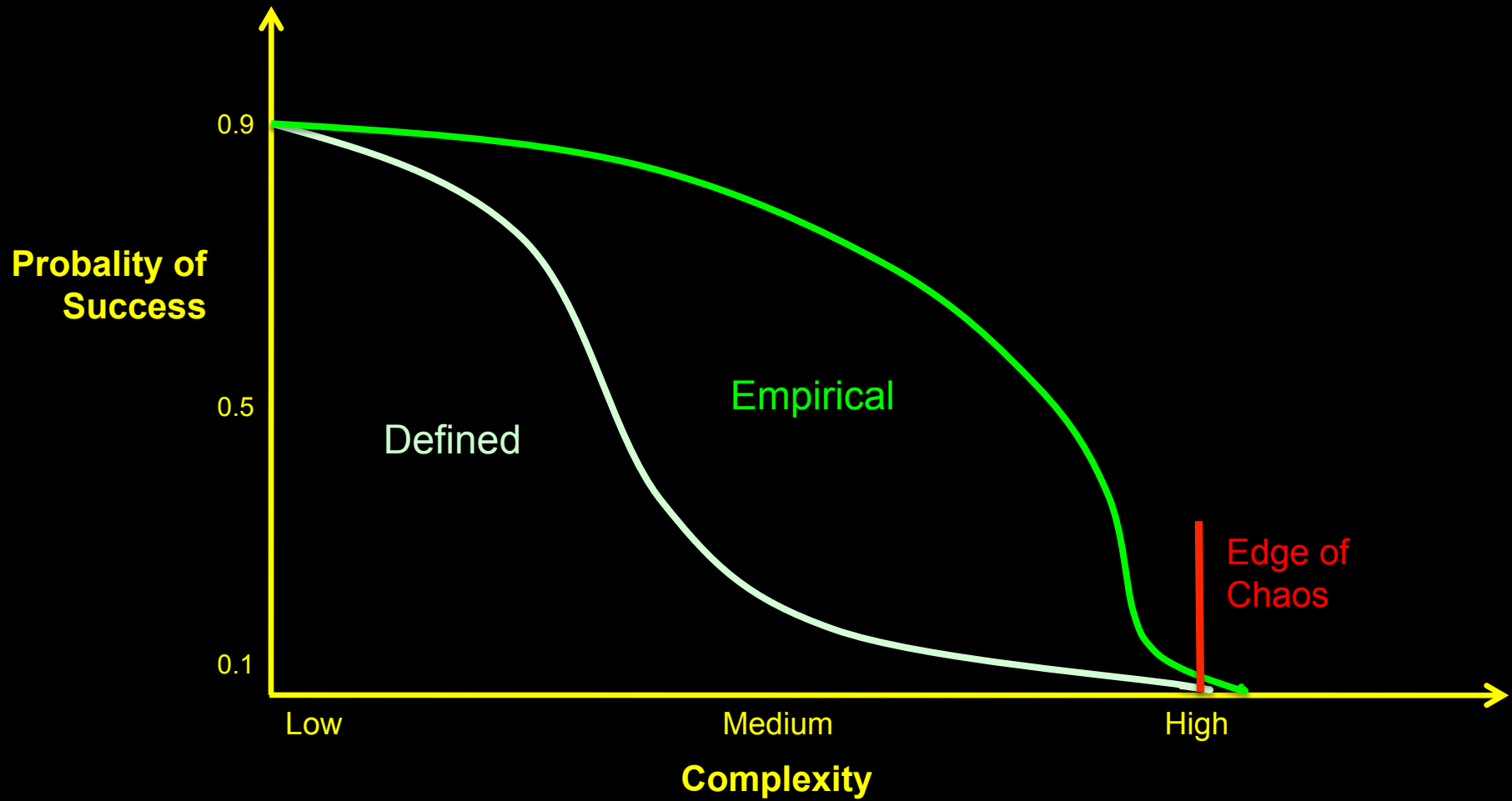
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Empirical: Higher Chance of Success



(source: ADM)

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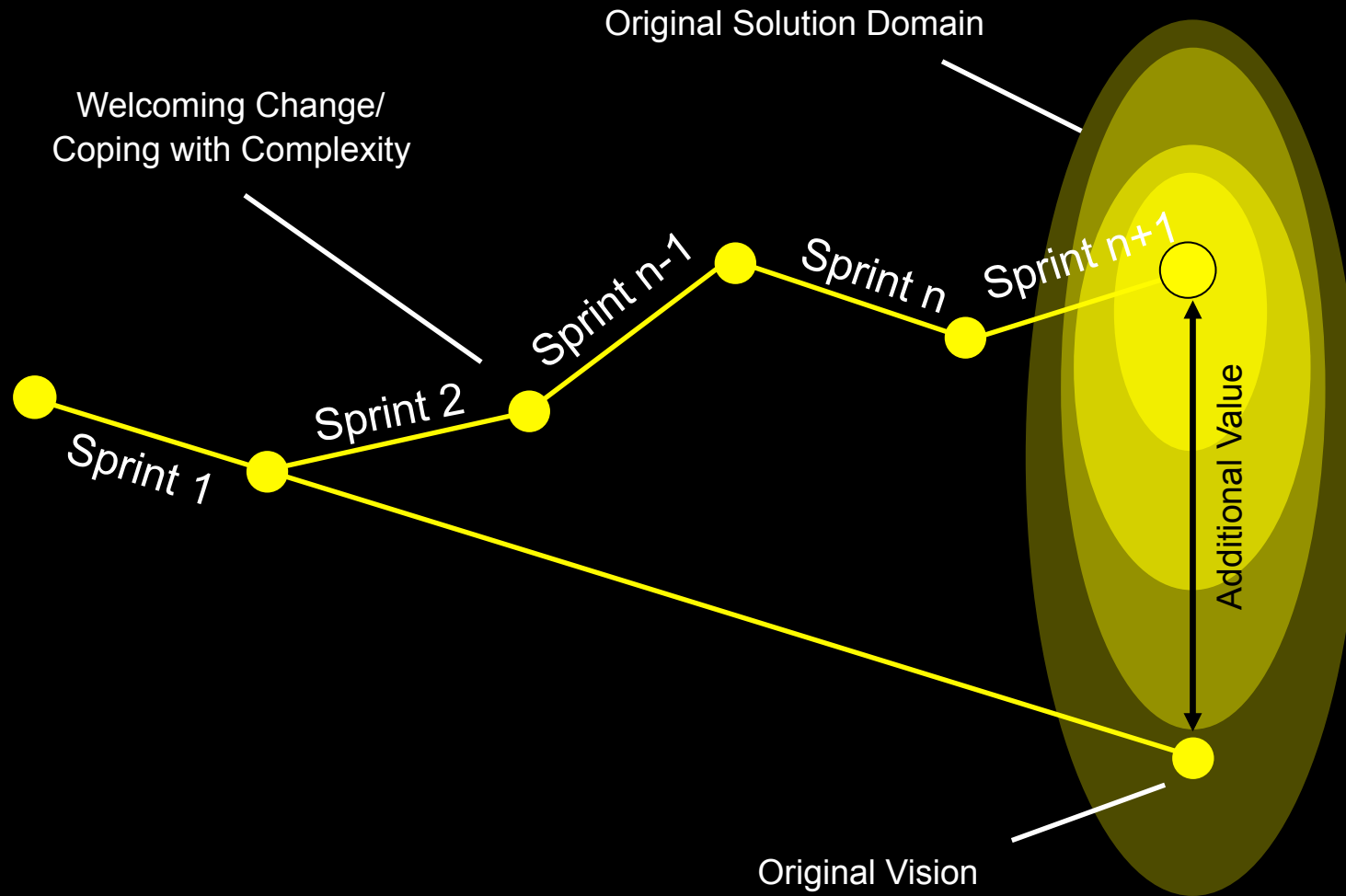
effective agile.

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The four legs of Scrum

- Emperical
- Transparency
- Inspection
- Adaption

Value



Why Scrum

- Releases take longer and longer
- Release schedules slip
- Stabilization at end of release takes longer and longer
- Planning seems to take too long
- Changes are hard to introduce mid release
- Quality is deteriorating
- Dissatisfied, alienated customers
- Death marches are hurting morale
- Products becoming prohibitively expensive to support and enhance

- Agility – flexibility to turn on a dime
- Improved productivity and quality
- Early elimination of risk
- Early realization of value
- Always knowing exactly where you are in a development/deployment cycle
- Easier to make changes
- Reduced waste
- Lean products that reach market faster and are more targeted
- Increased Return on Investment (ROI)
- Engaged, empowered workers
- Reduced Total Cost of Ownership (TCO)

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Questions?

