

Agile in Government: Validating Success Enablers and Inhibitors

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Our Agile Journey



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This material is based upon work funded and supported by the Department of Defense under Contract No. FA8721-05-C-0003 with Carnegie Mellon University for the operation of the Software Engineering Institute, a federally funded research and development center.

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Contents



Context

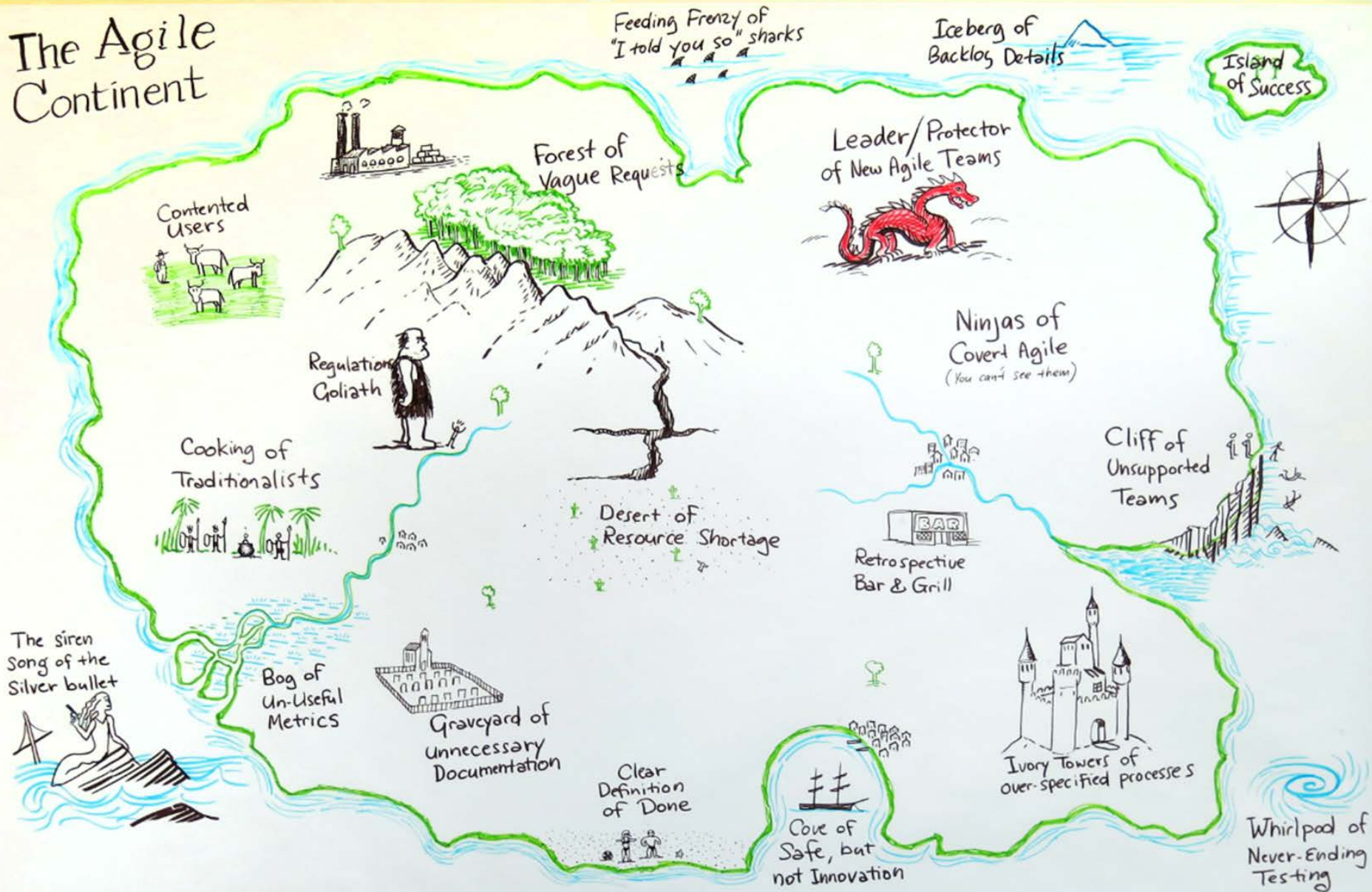
Intellectual Merit

Methods and Results

Impact on DoD/Government



The Agile Continent



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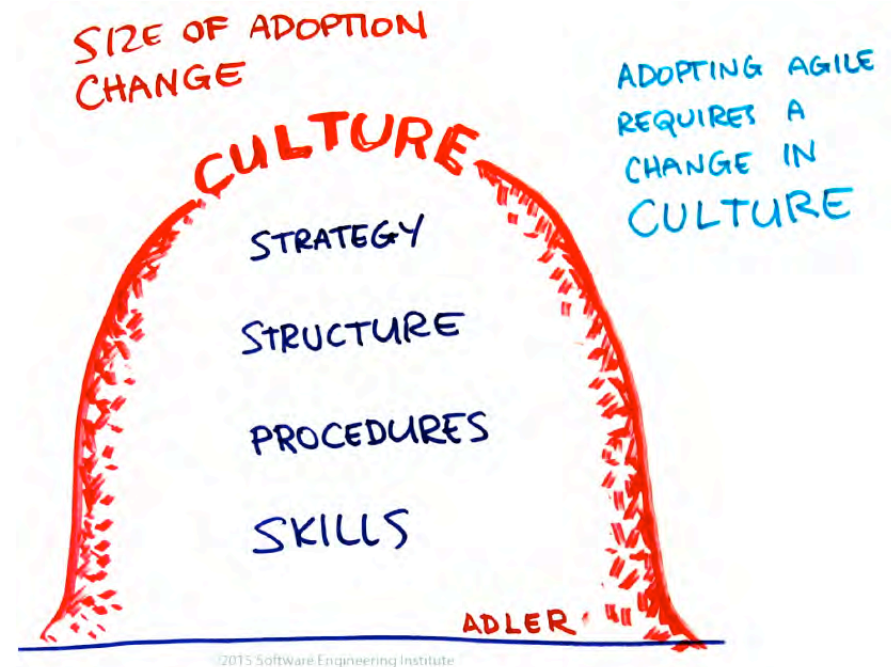
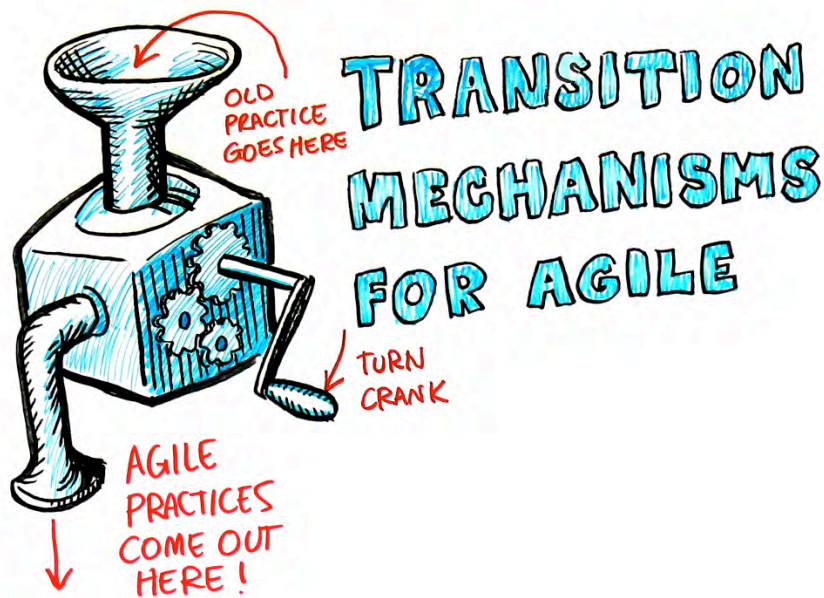


Intellectual Merit

Provide DoD and government with actionable Agile guidance

- Within constraints of DoDI 5000.02

Transition Agile body of knowledge to DoD and others



Methods

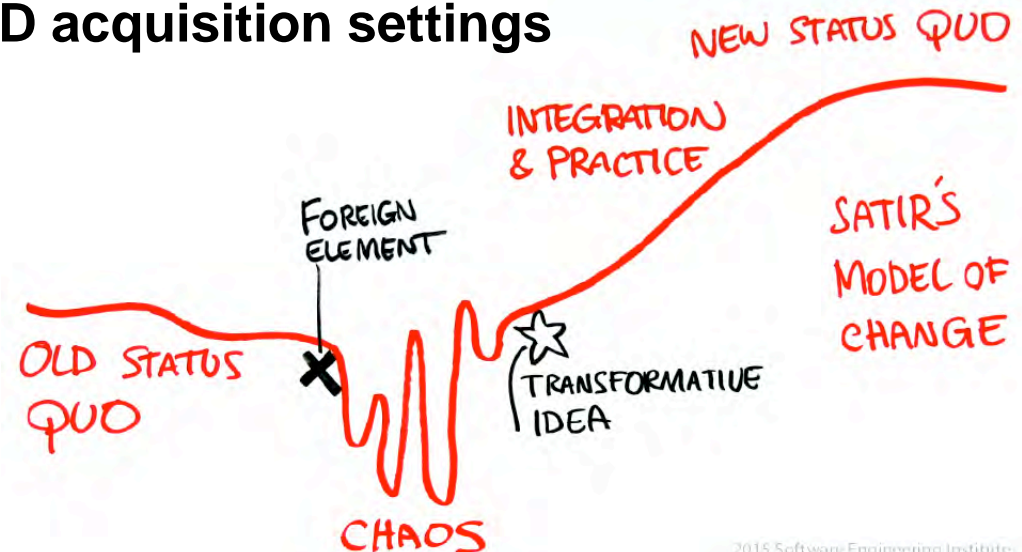
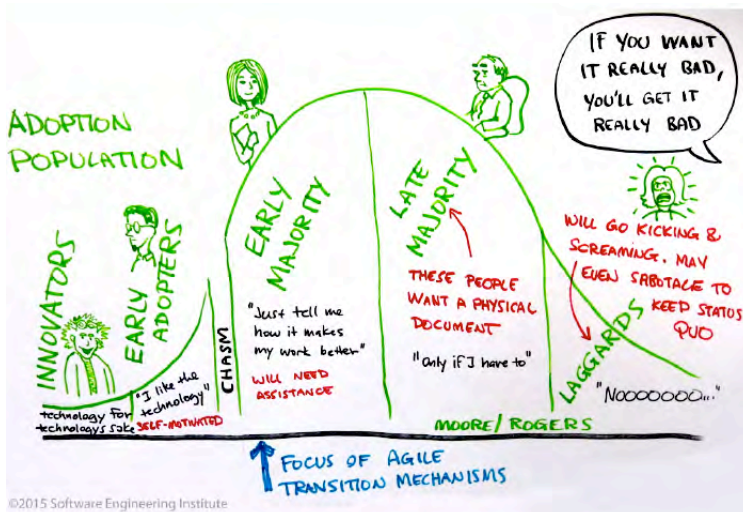
Research Methods

Use grounded theory, action research, and affinity analysis to

- **Address** operational and acquisition **challenges**
- **Publish guidelines using structured** anecdotal data

Build on classic technology adoption models of Adler and Rogers

- **Traditional adoption factors**
- **Risk factors unique to DoD acquisition settings**

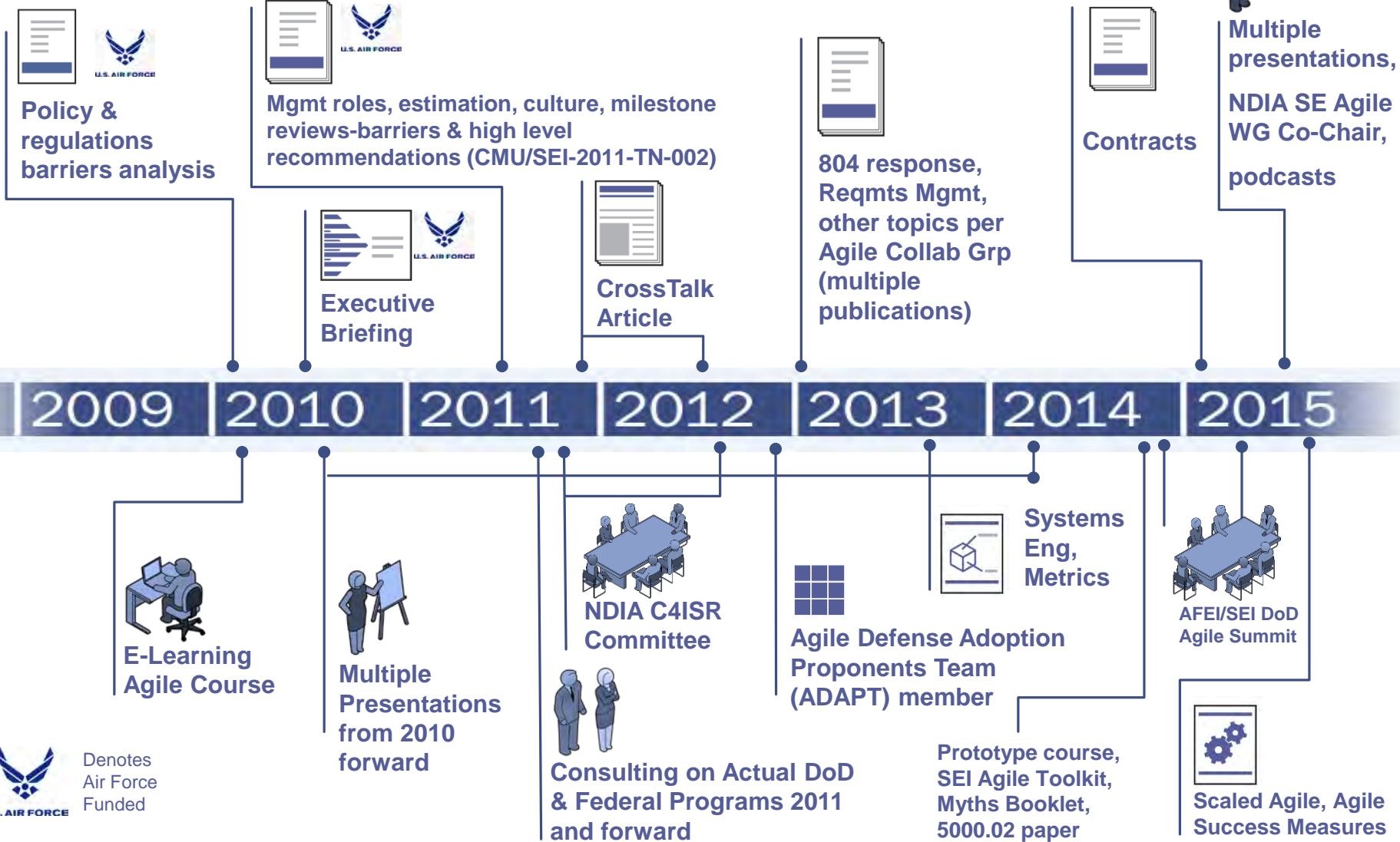


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Our Journey So Far



Results_1

Guidelines (in review)

- Success Measures
- Scaled Agile
- Original TN updated – reflects 2015 5000.02

Guidelines (published)

- Contracts

SCALING FRAMEWORKS IDEAS

What are we scaling?

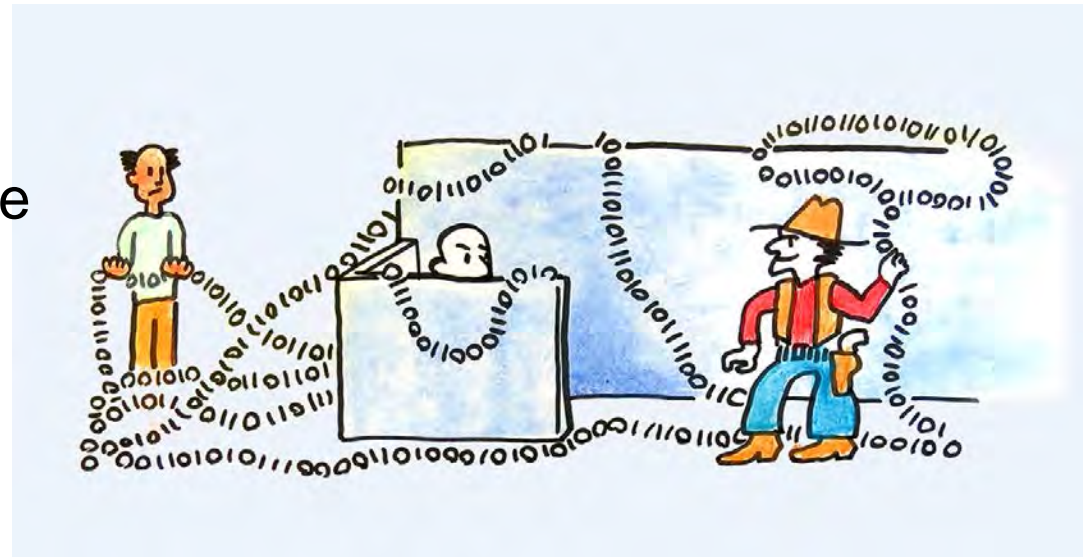
- Team size
- Program length
- Complexity
- System Perspective vs. Single Engineering Discipline
- Product size
- Longterm Roadmap



Results₂

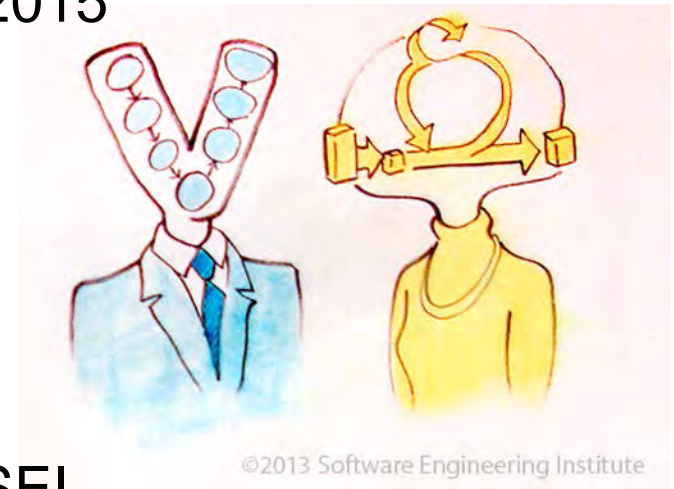
Podcasts

- One for each Agile Principle
- Highlighting
 - System Engineering
 - Metrics



Conferences, Activities

- Ground System Architecture Workshop 2015
- Software Technology Conference 2015
- National Defense Industrial Association System Engineering Conference 2015
- Performance Assessments Root Cause Analysis and GAO Working Groups
- Association For Enterprise Information /SEI DoD Agile Summit



Impact on DoD/Government

Operational Impacts

- **Achieve the benefits of incremental, iterative delivery while complying with traditional DoD policy frameworks**
- **Provided basis for others to build upon; cited by multiple sources, influencing other current work**

Founded Agile Collaboration Group, over 175 members from 51 organizations

Supports Reliance 21 C4I COI

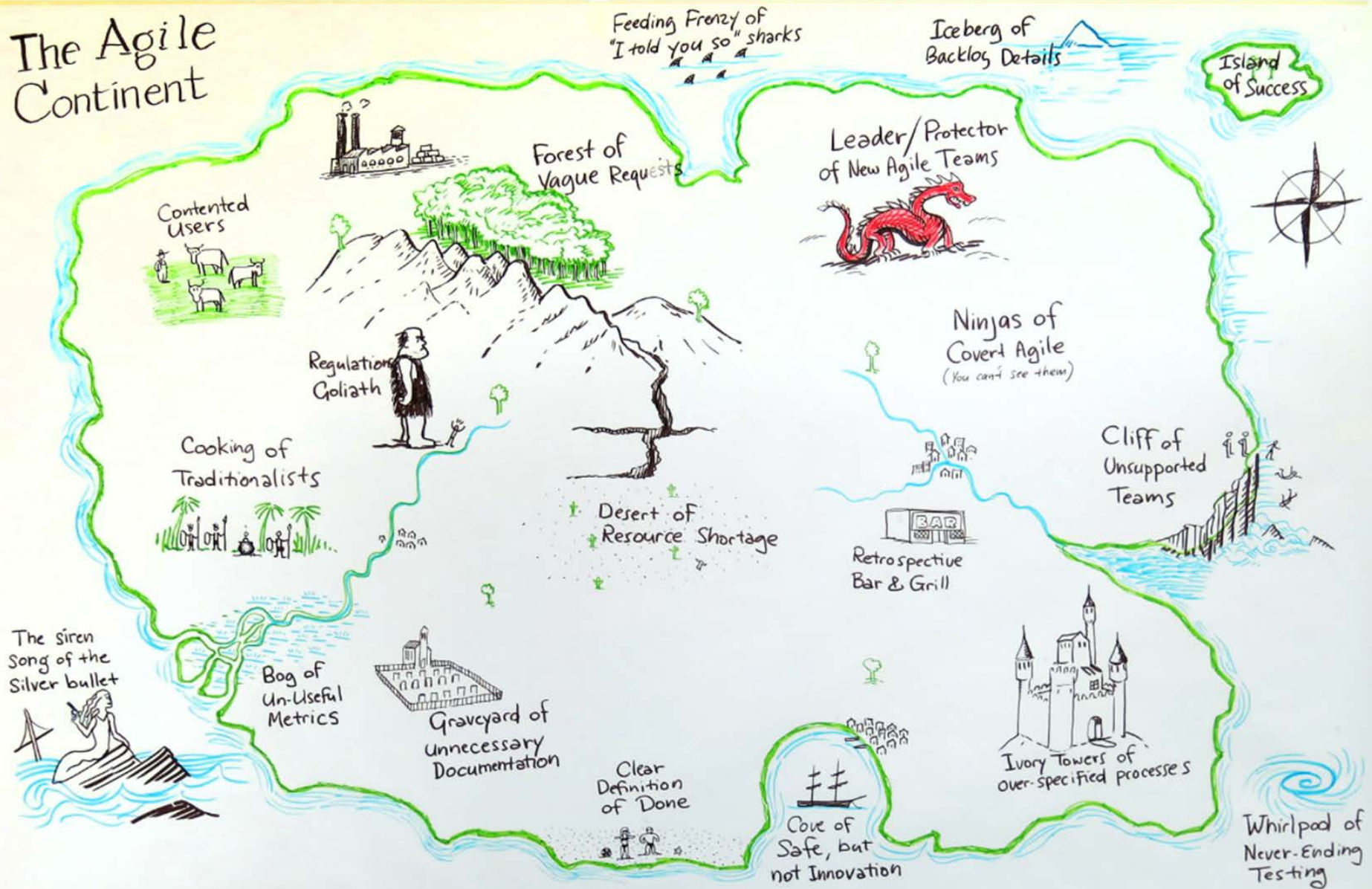
Enables BBP 3.0

innovation,

reduced cycle times



The Agile Continent



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