


# Disciplined Agile Delivery

## The Foundation for Scaling Agile

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# Let's explore a few important questions....

What does it mean to scale agile?

Are organizations really scaling agile?

What foundation do you need?

How do you scale agile?

# What Does it Mean to Scale Agile? -or- Why Context Counts

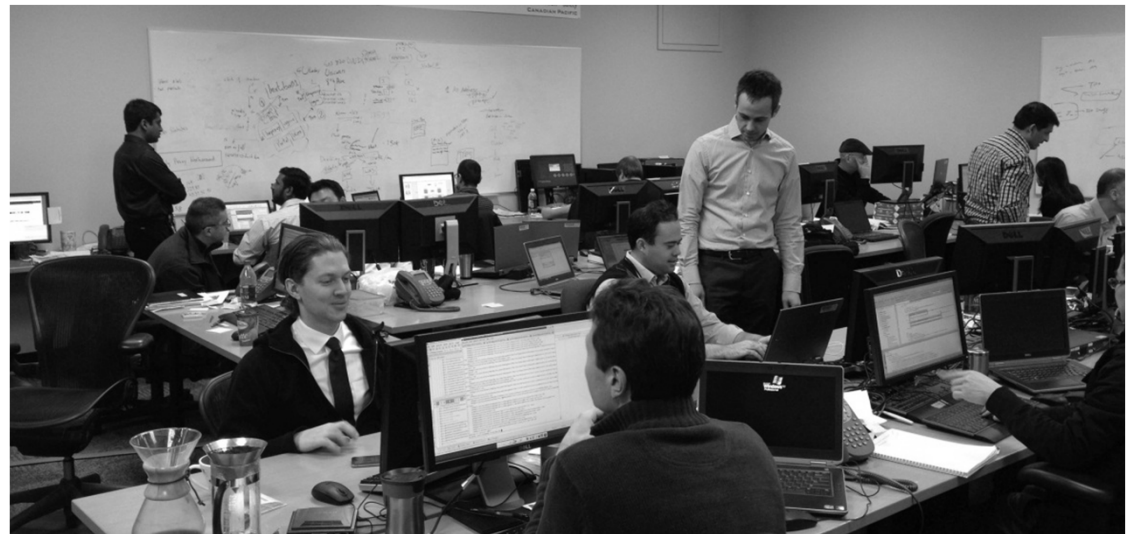
A black and white photograph of a large, dense crowd of people, likely at a sporting event. Many individuals have their arms raised in excitement. The crowd is composed of people of various ages and is filling the frame. The text "Team Size" is overlaid in a large, bold, black font across the center of the image.

# Team Size

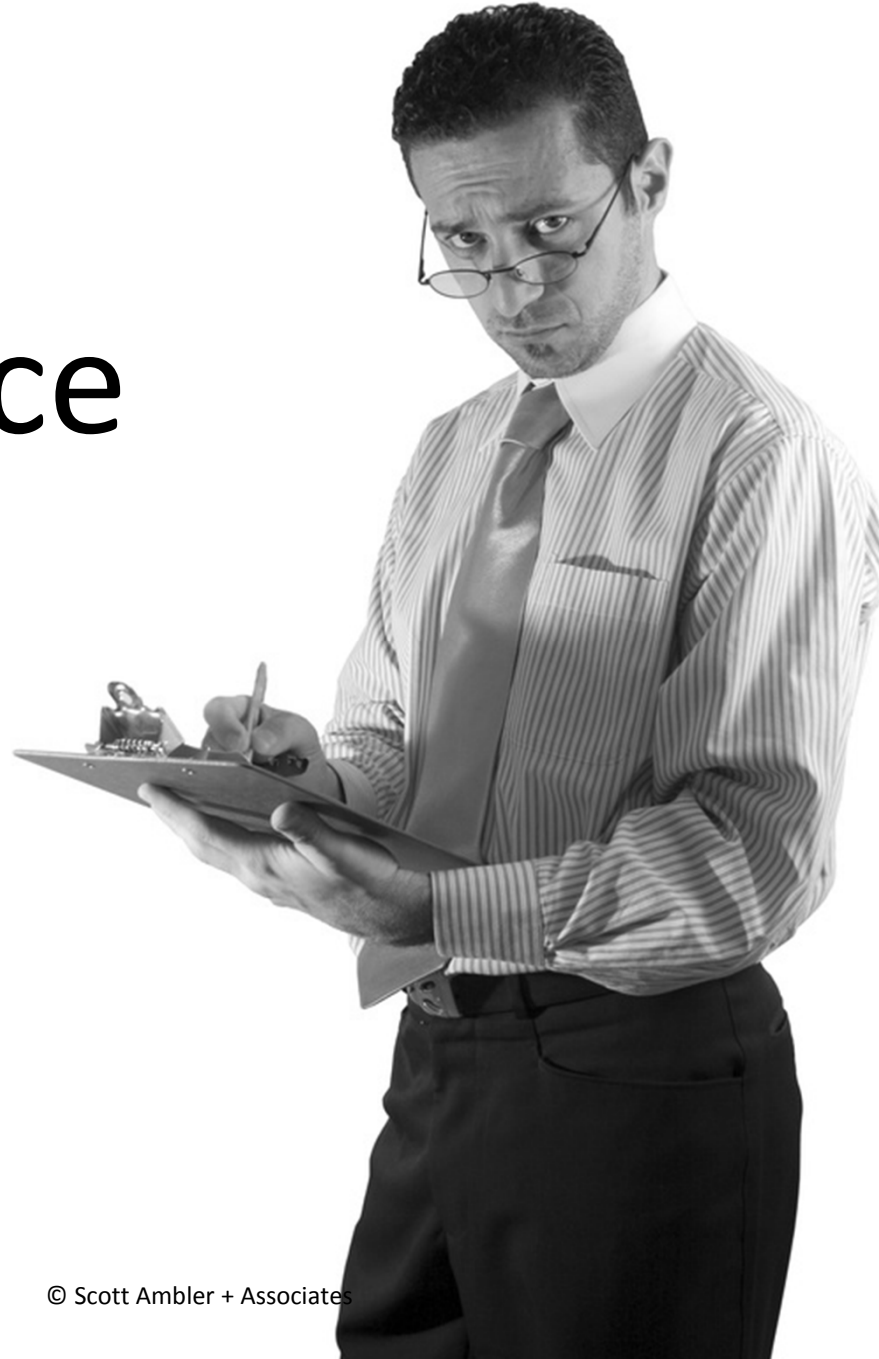
# Geographic Distribution



# Organizational Distribution



# Compliance





# Domain Complexity

# Technical Complexity

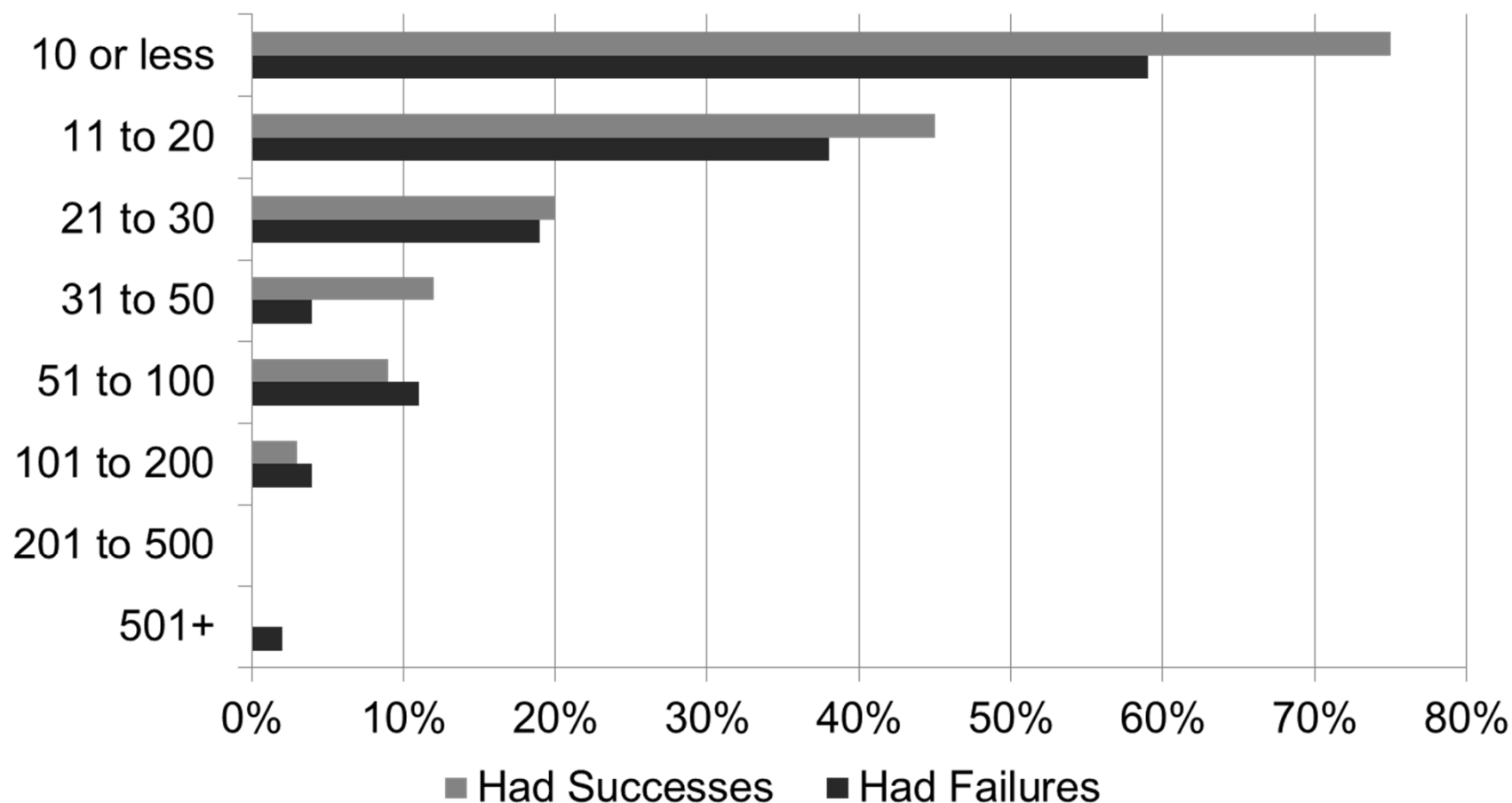


# Are Organizations Scaling Agile?

[ambysoft.com/surveys/](http://ambysoft.com/surveys/)

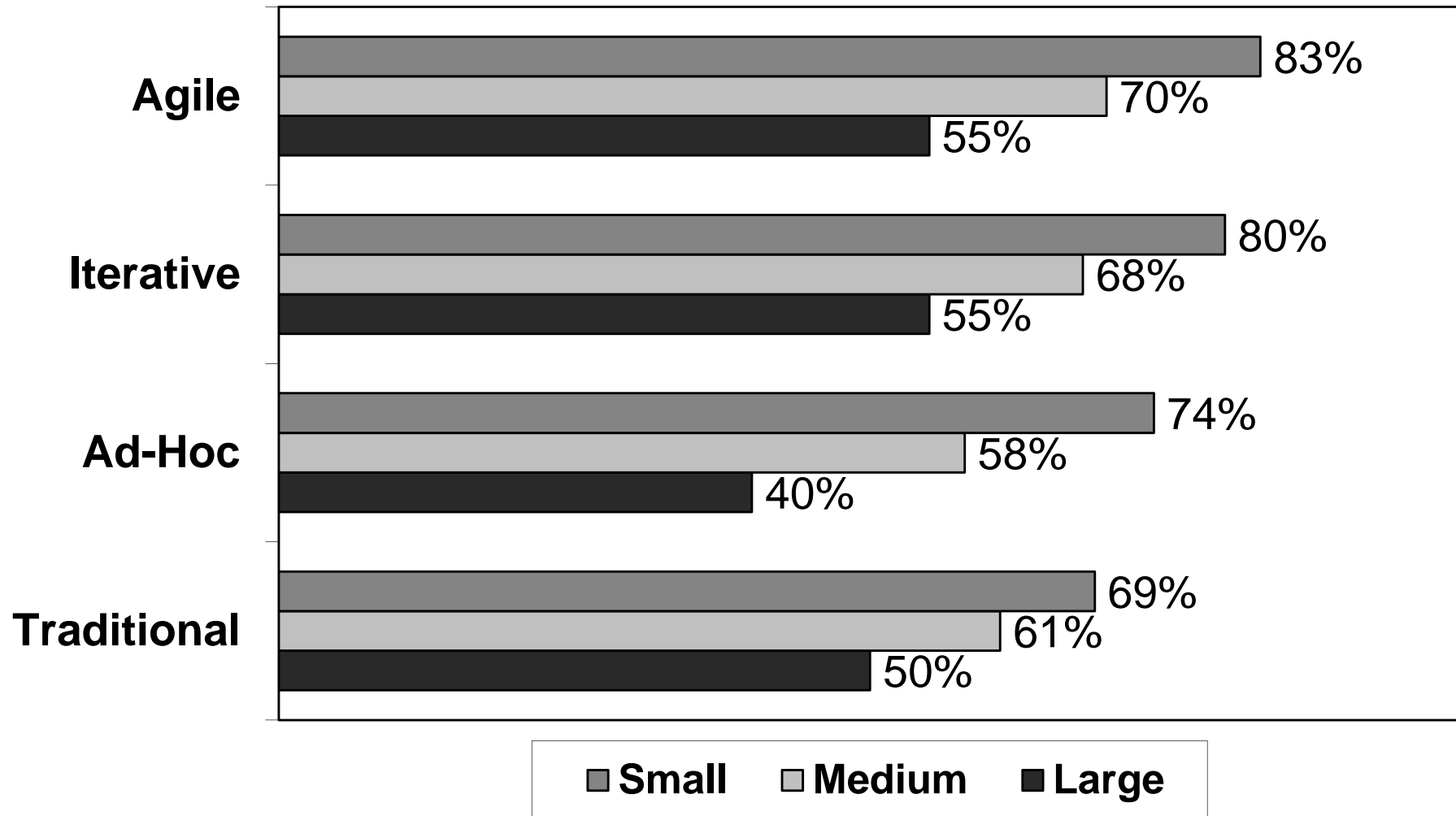
# Agile Experiences with Team Size

On your (un)successful agile projects, how many IT team members were there?



Source: 2012 Agile Scaling Survey  
[www.ambysoft.com/surveys/](http://www.ambysoft.com/surveys/)

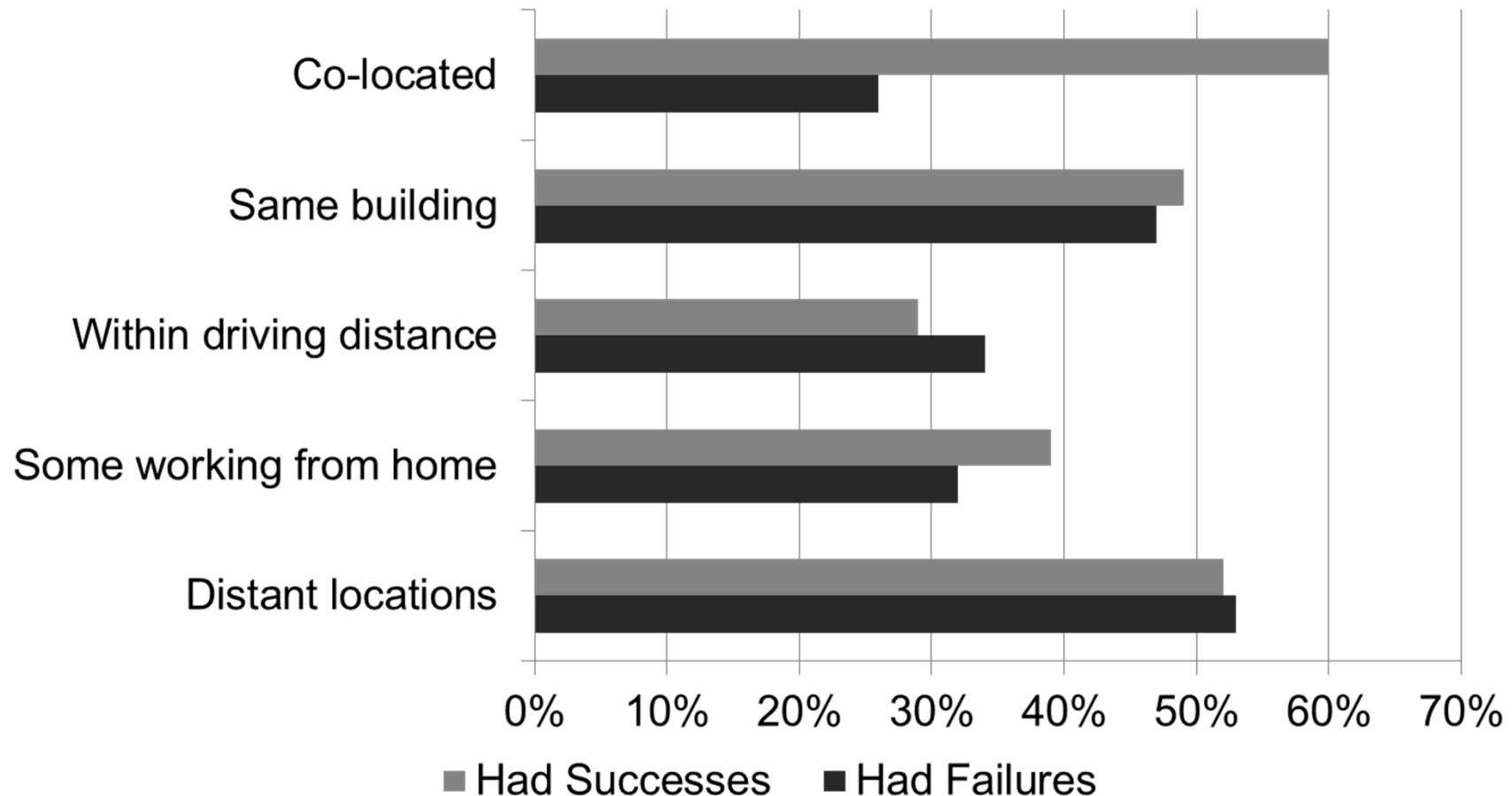
# IT Project Success Rates by Team Size



Source: DDJ State of the IT Union Survey, July 2010

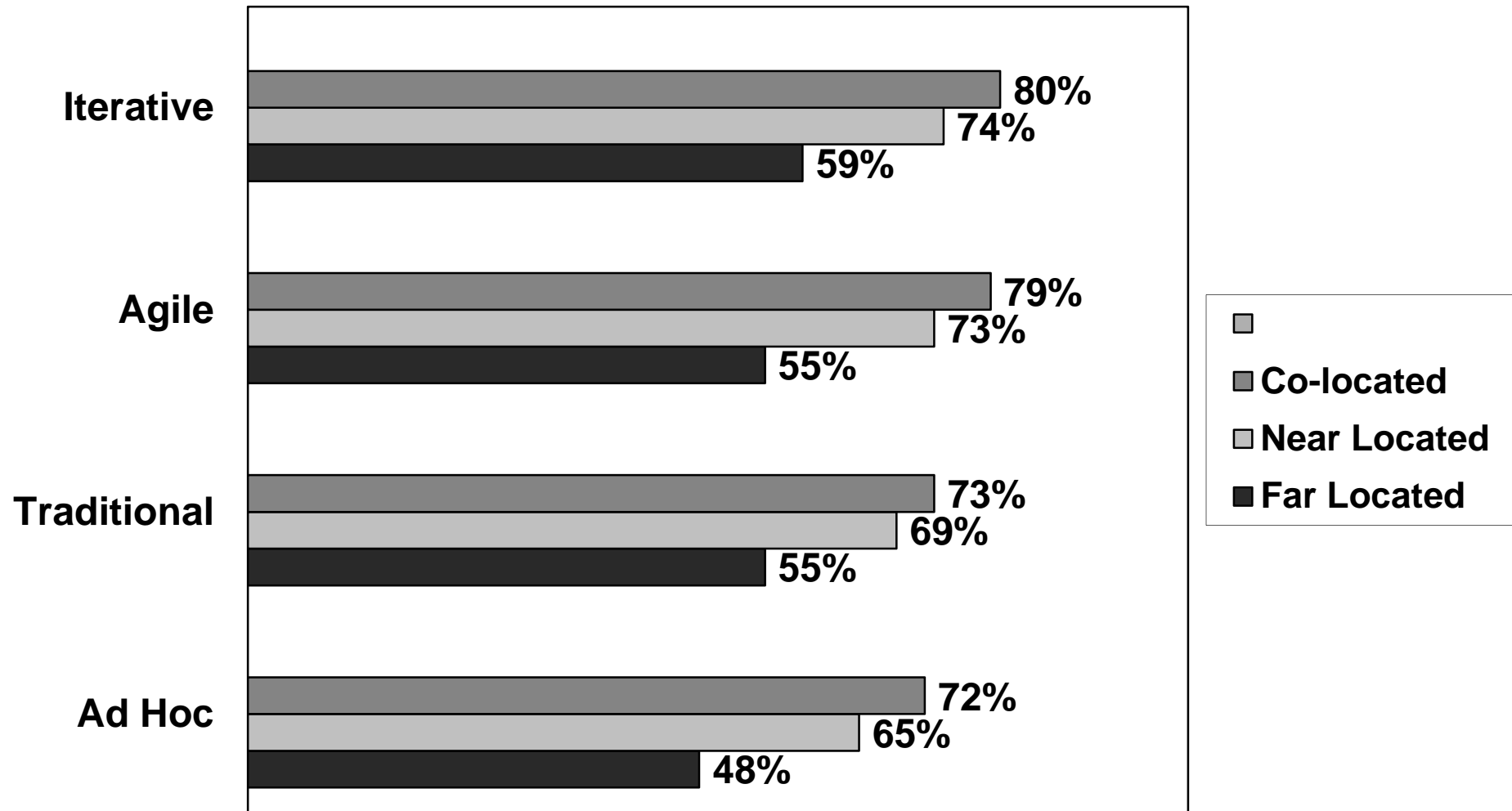
# Agile Experiences with Geographic Distribution

On your (un)successful agile projects, how distributed were team members?



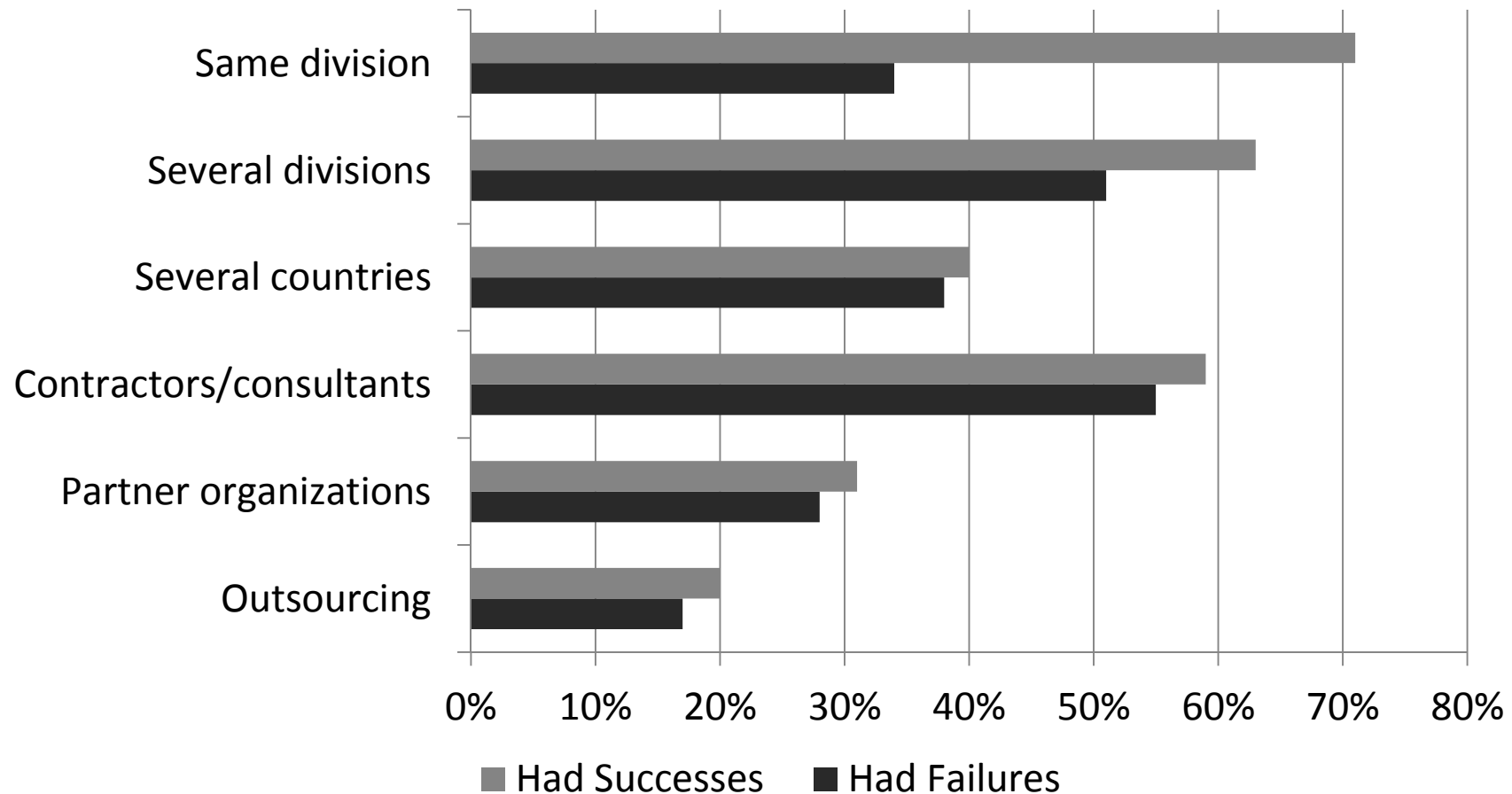
Source: 2012 Agile Scaling Survey  
[www.ambysoft.com/surveys/](http://www.ambysoft.com/surveys/)

# Success Rates for Geographically Distributed Development



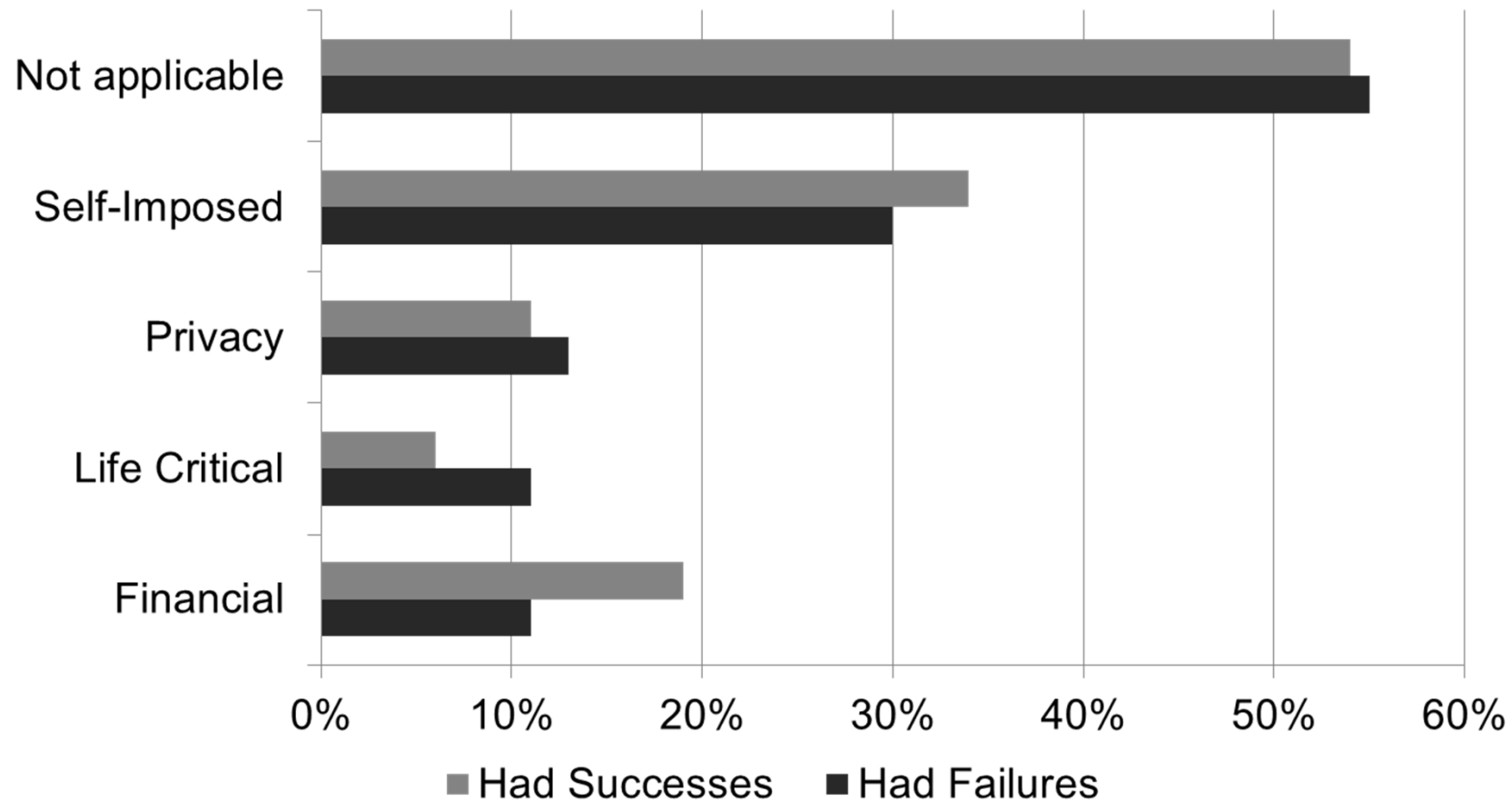
# Agile Experiences with Organizational Distribution

Question: In which of the following situations has the organization (un)successfully applied agile techniques? (Please check all that apply)



# Agile Experiences with Compliance

On your (un)successful agile projects, was compliance applicable?

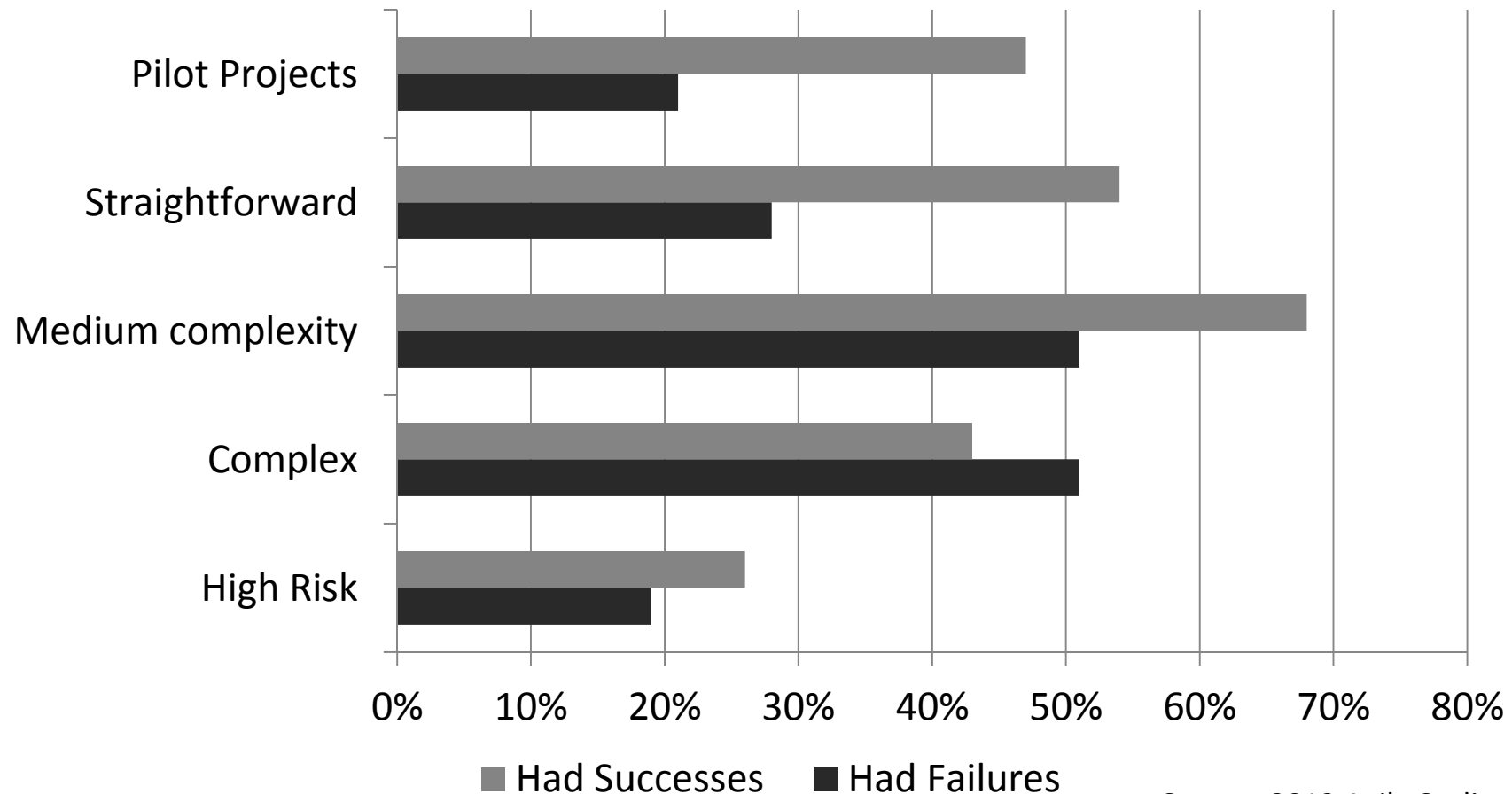


Note: Self imposed = CMMI, ISO, ...



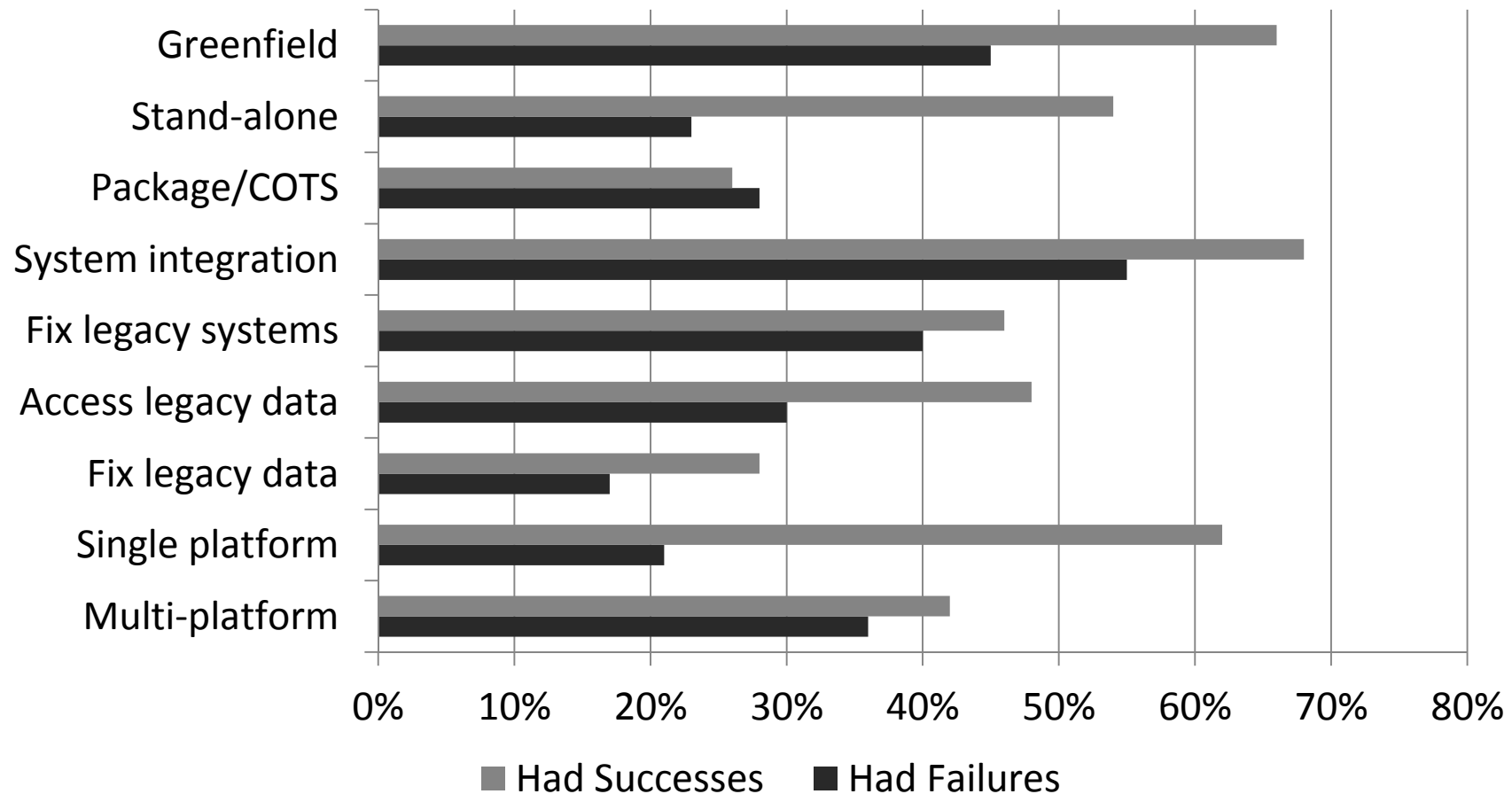
# Agile Experiences with Domain Complexity

Question: From the point of view of the problem/business domain, at what level(s) of complexity has the organization (un)successfully applied agile techniques? (Please check all that apply)



# Agile Experiences with Technical Complexity

Question: In which technical situations has the organization (un)successfully applied agile approaches? (Please check all that apply)



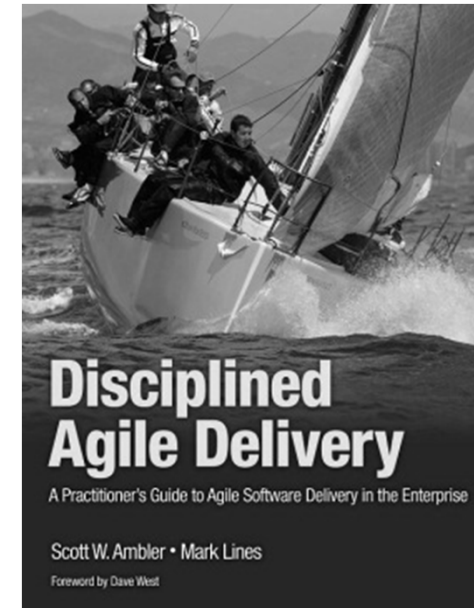
# What Foundation Do You Need to Scale Agile?

# Disciplined Agile Delivery (DAD)

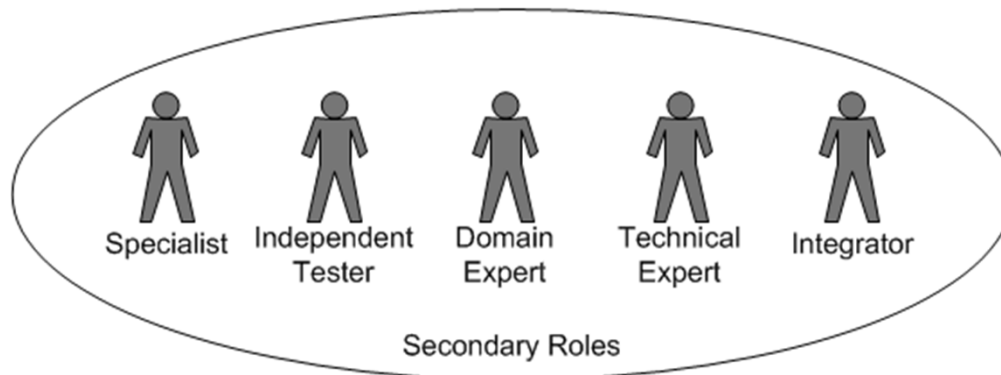
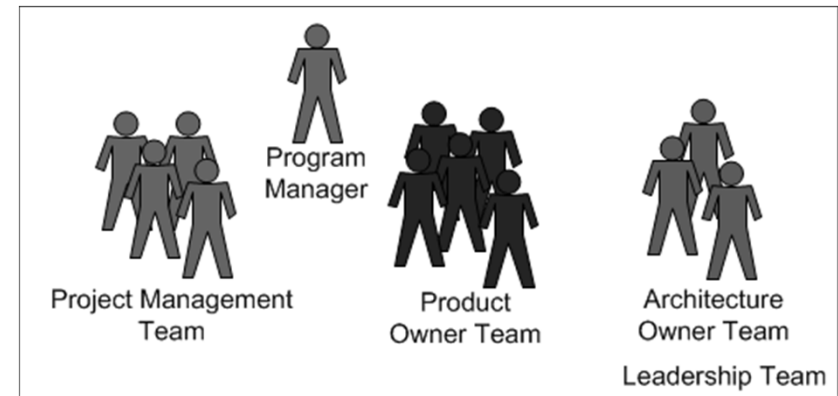
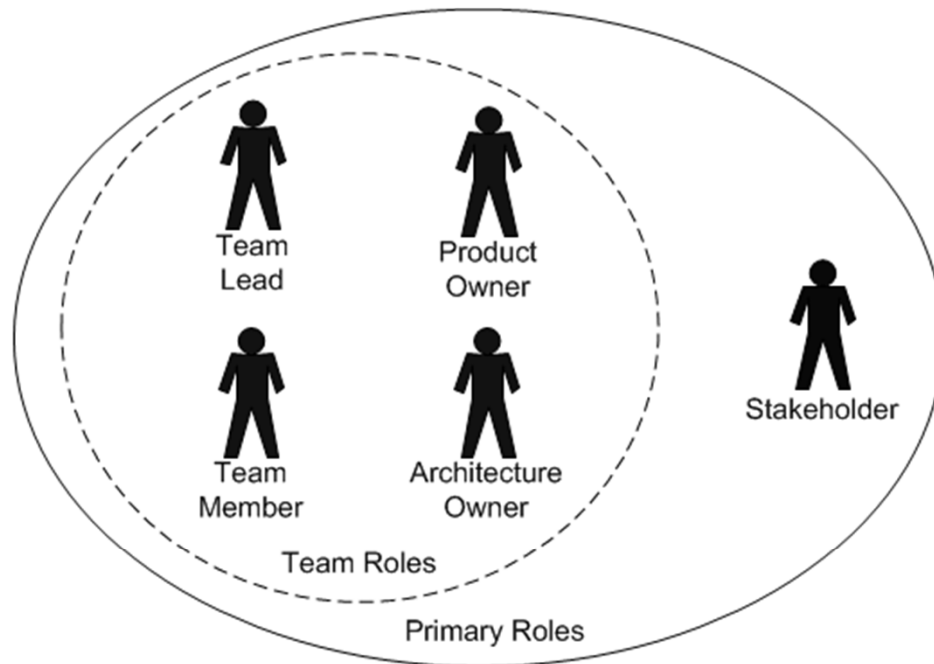
Disciplined Agile Delivery (DAD) is a process decision framework

The key characteristics of DAD:

- People-first
- Goal-driven
- Hybrid agile
- Learning-oriented
- Full delivery lifecycle
- Solution focused
- Risk-value lifecycle
- Enterprise aware

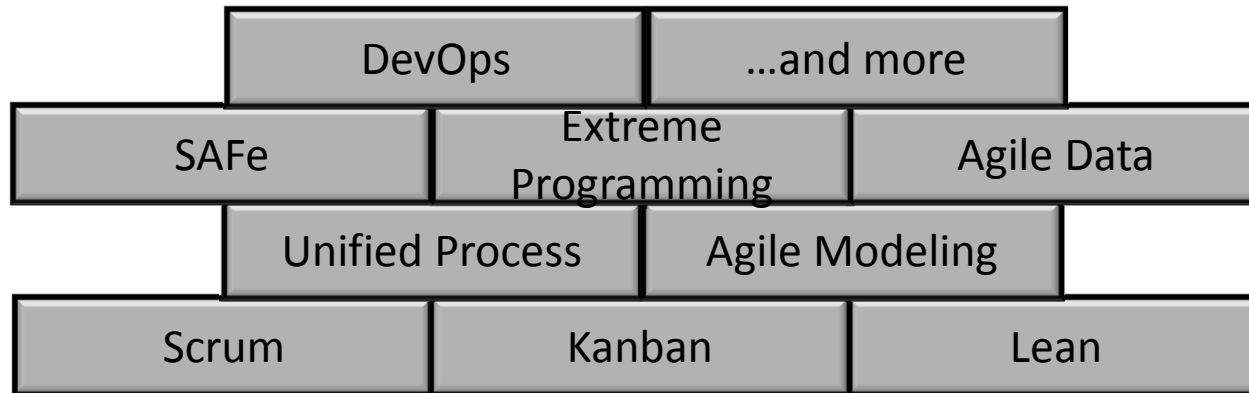


**DISCIPLINEDAGILE**  
**CONSORTIUM**



# Good People

# DAD is a Hybrid Framework

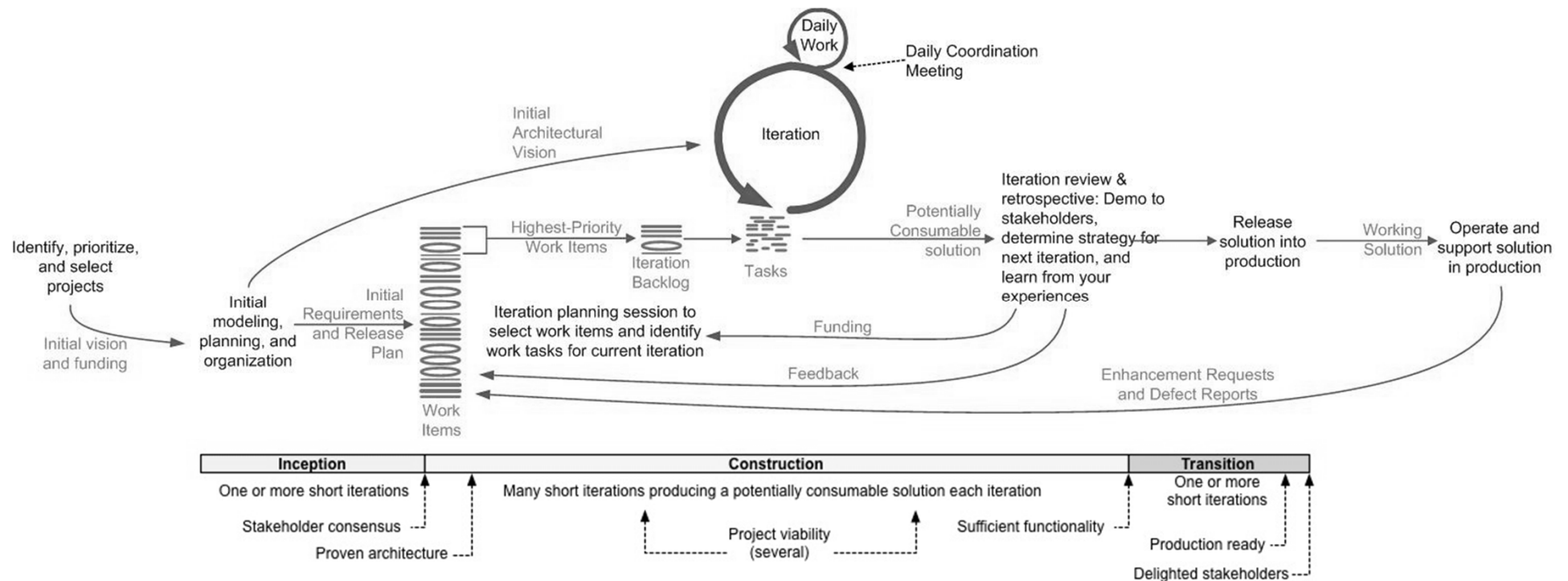


DAD leverages proven strategies from several sources, providing a decision framework to guide your adoption and tailoring of them in a context-driven manner.

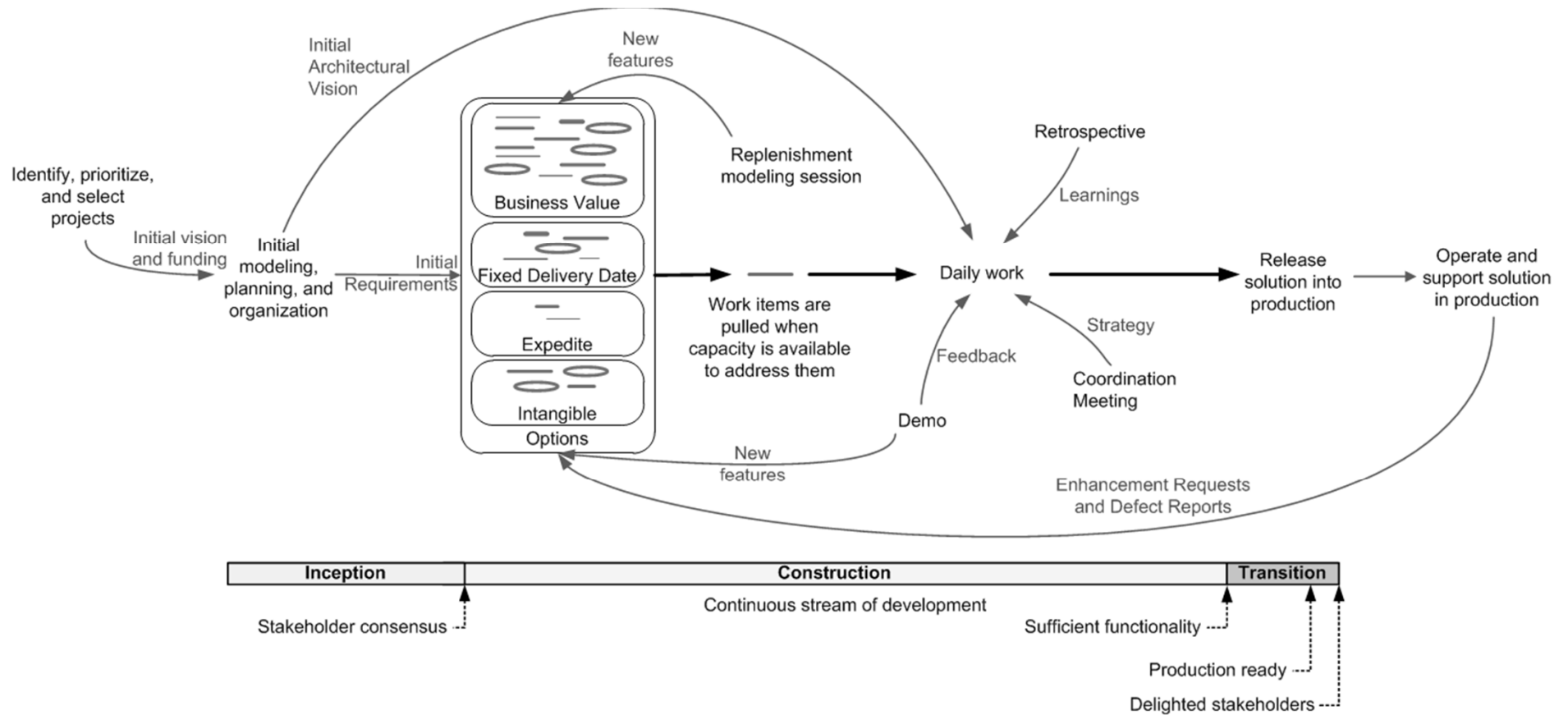


Enterprise  
Awareness

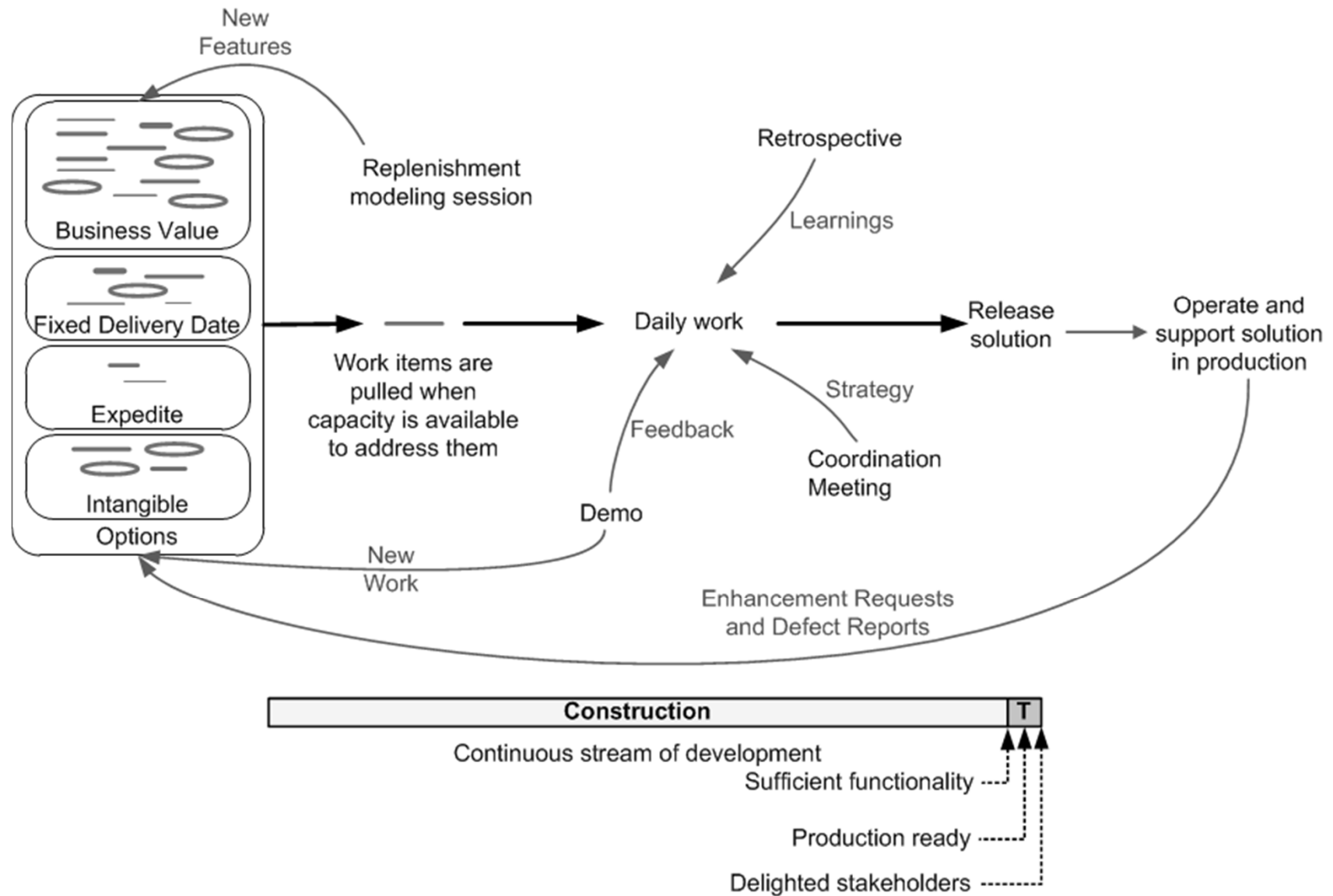
# A Full Delivery Lifecycle



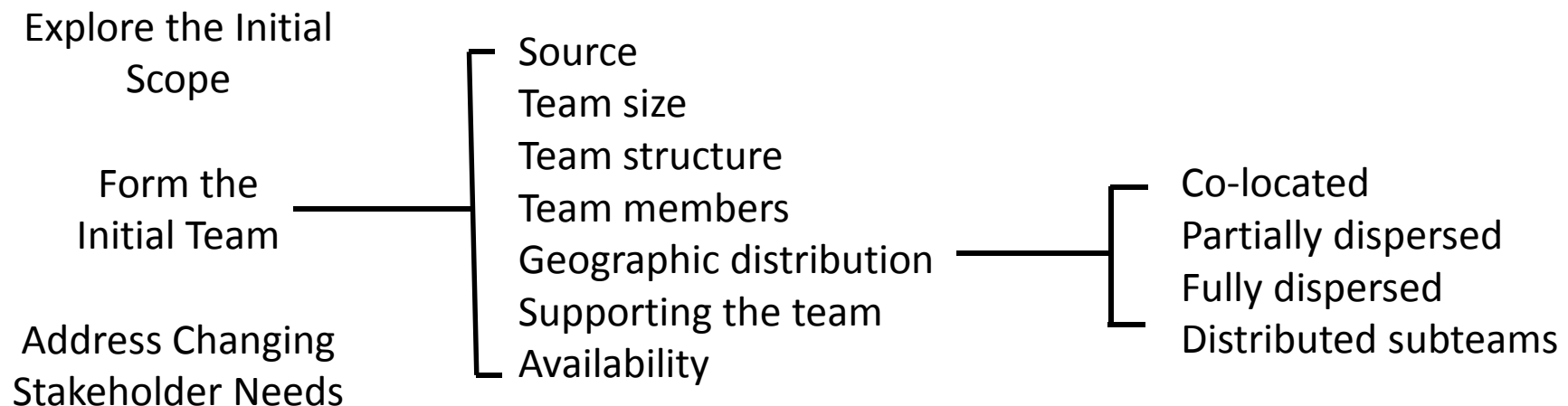
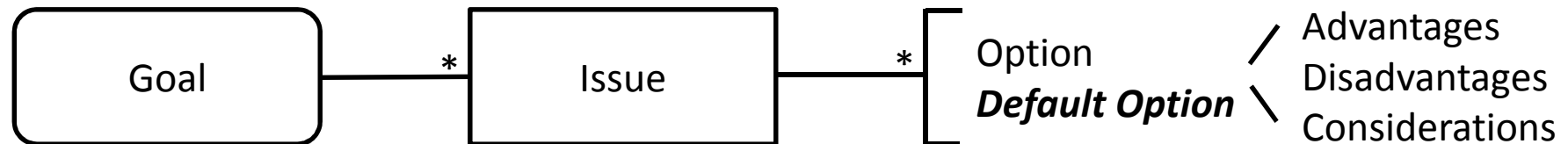
# DAD Lifecycle: Advanced/Lean



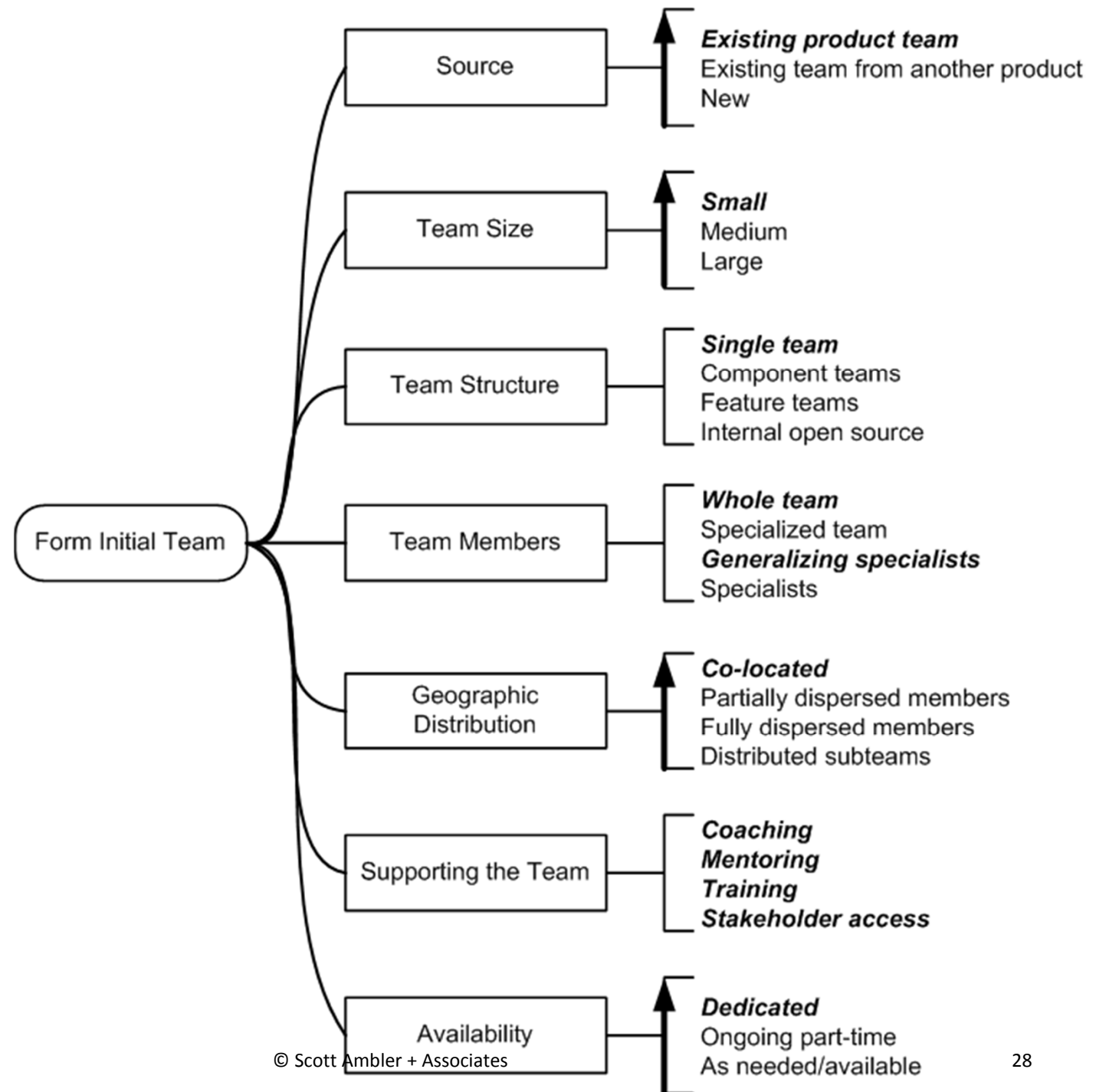
# DAD Lifecycle: Continuous Delivery



# Disciplined Agilists Take a Goal Driven Approach



# Goal: Form the Initial Team



# How Do You Scale Agile?

**Release train** **Multiple “backlogs”**

**IT intelligence** **Development intelligence**

**Continuous documentation** **Requirements envisioning**

**Consumable solutions**

**API first** **Continuous architecture**

## **“Scaling” Practices**

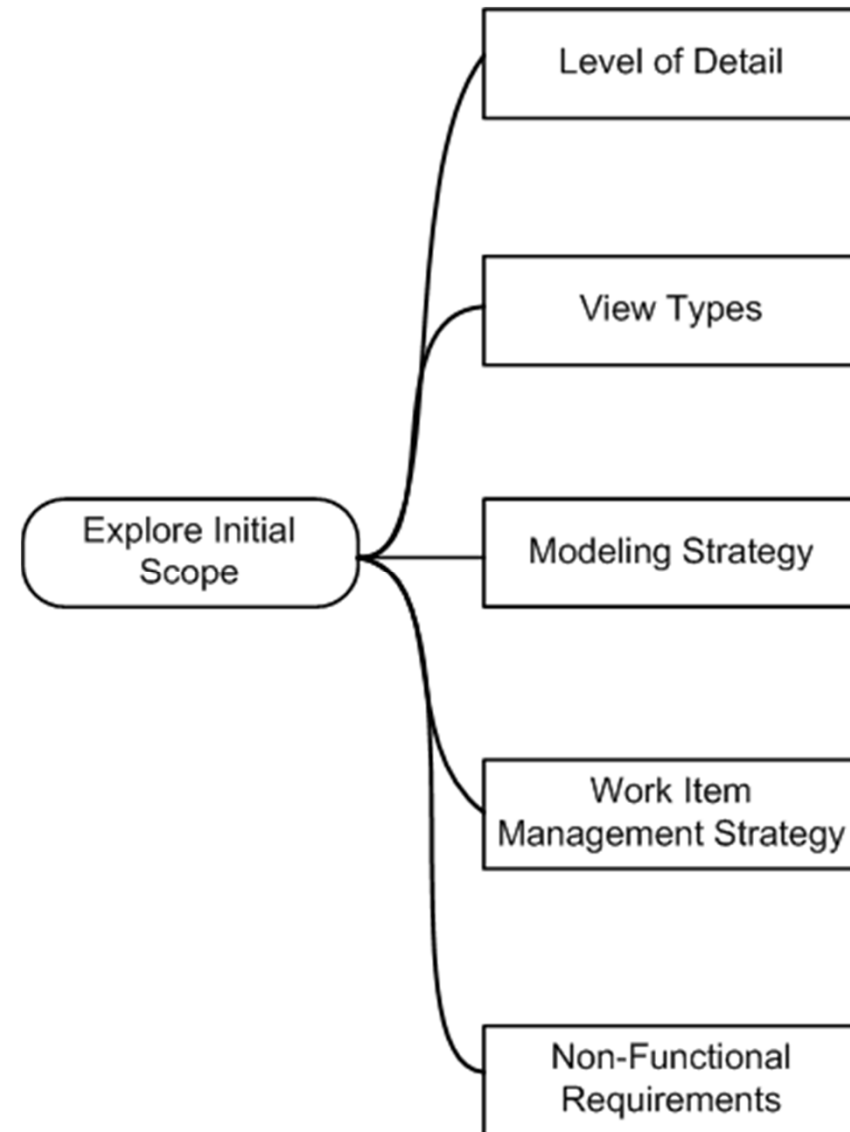
**Continuous deployment** **Parallel independent testing**

**Work item lists** **Work item pools**

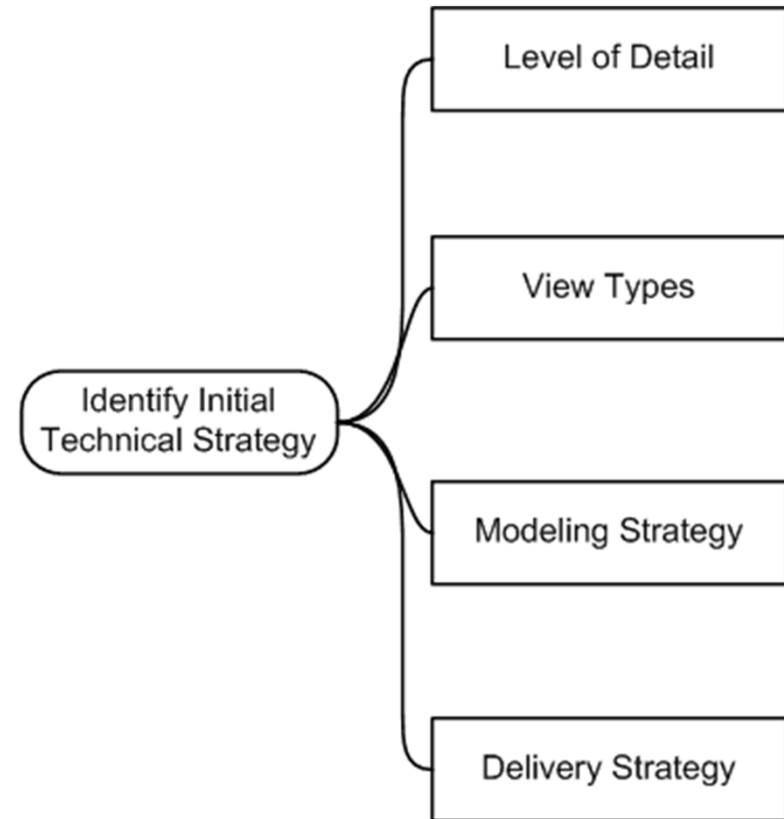
**Test suite API** **Architecture envisioning**

**Active stakeholder participation**

# Exploring the Initial Scope



# Identifying the Initial Technical Strategy



# Move Closer to a Deployable Release



Move Closer to  
Deployable Release

Deployment Strategy

Asset Management

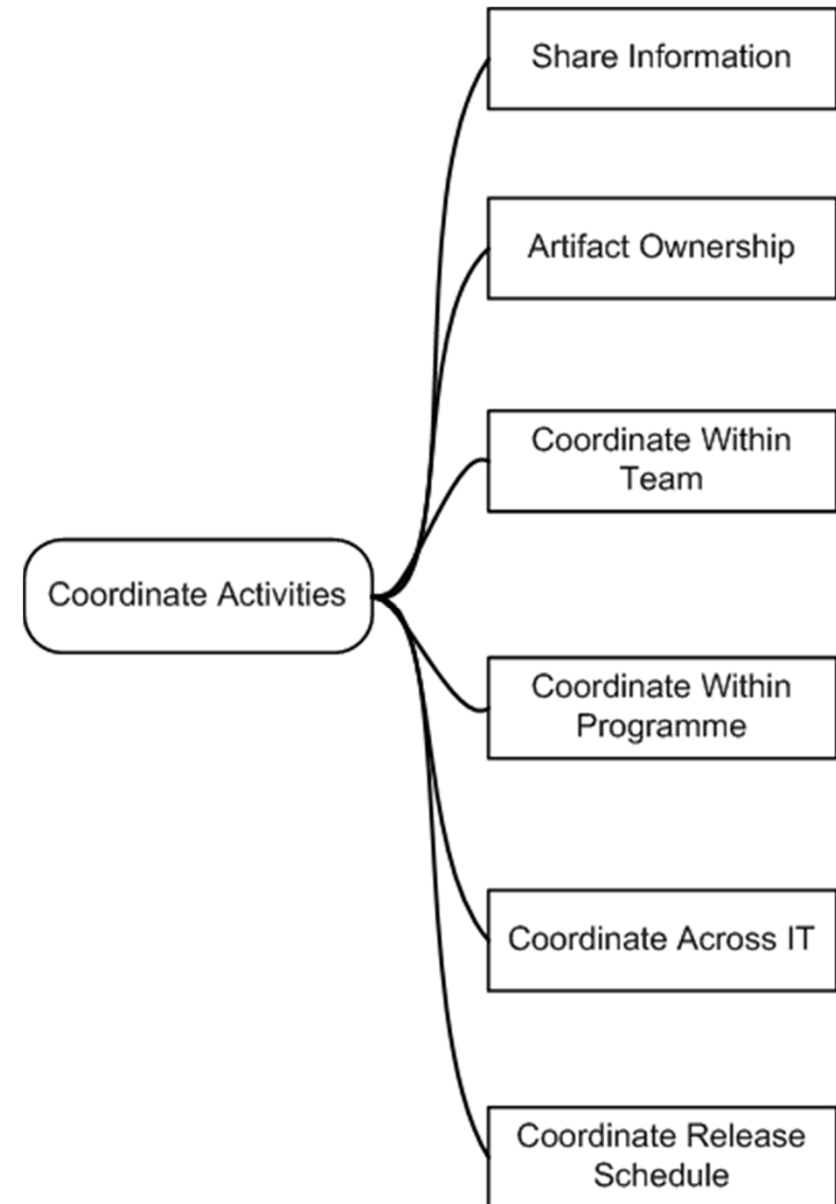
Documentation  
Strategy

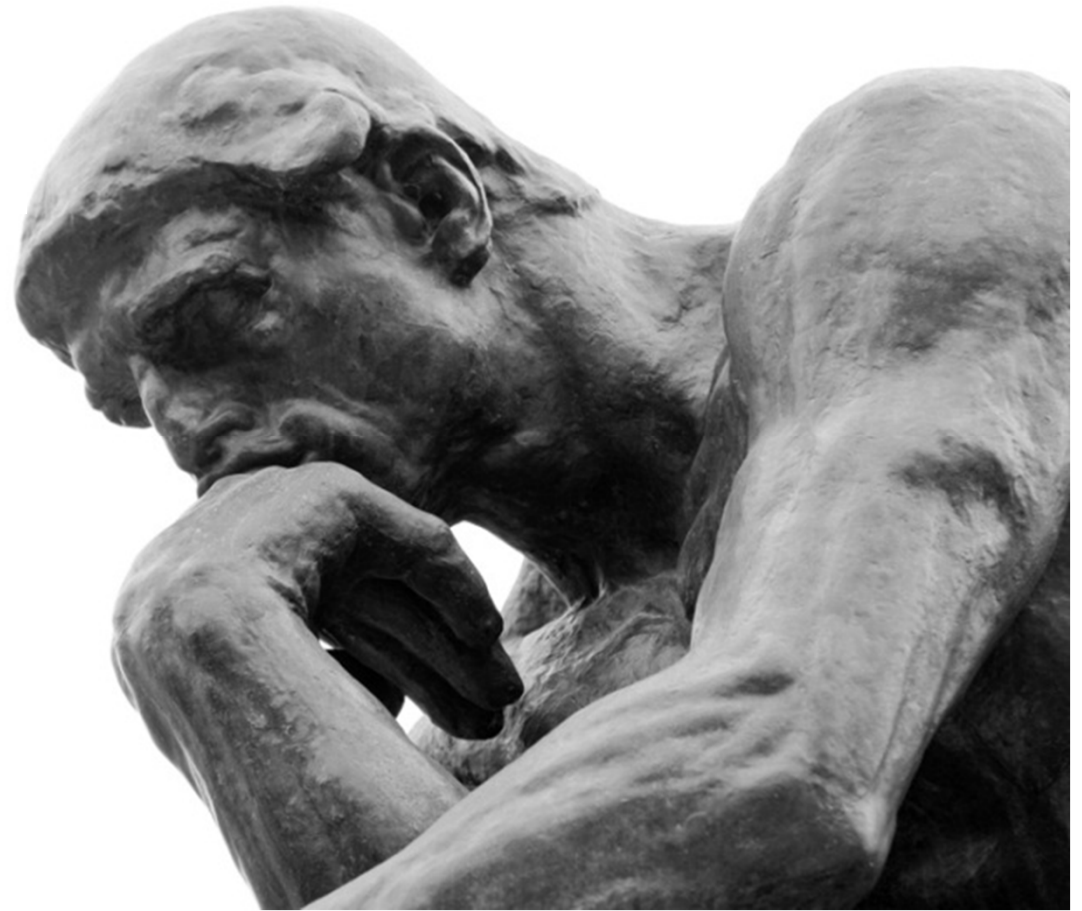
Deployment Planning

Validation

Verification

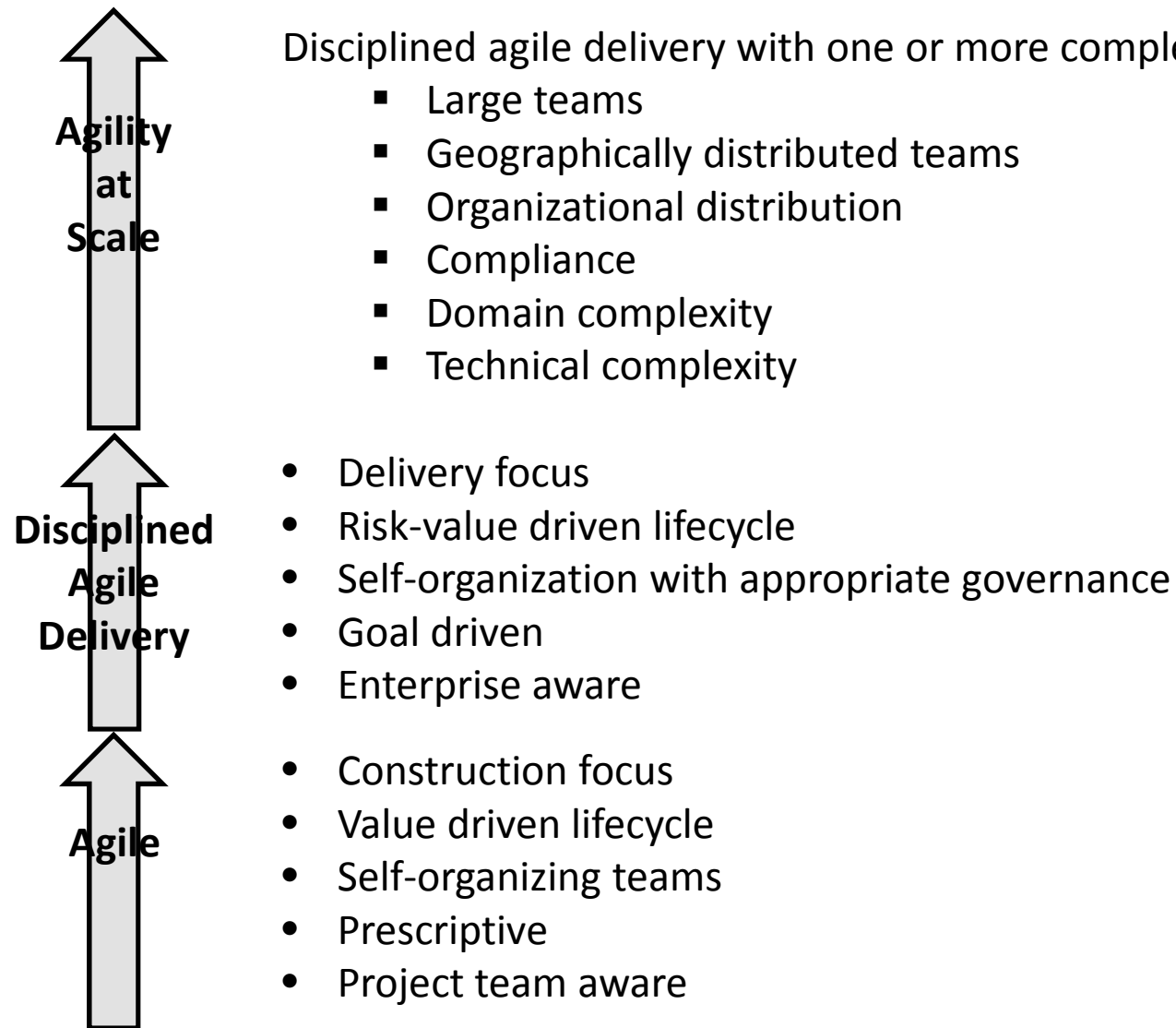
# Coordinate Activities

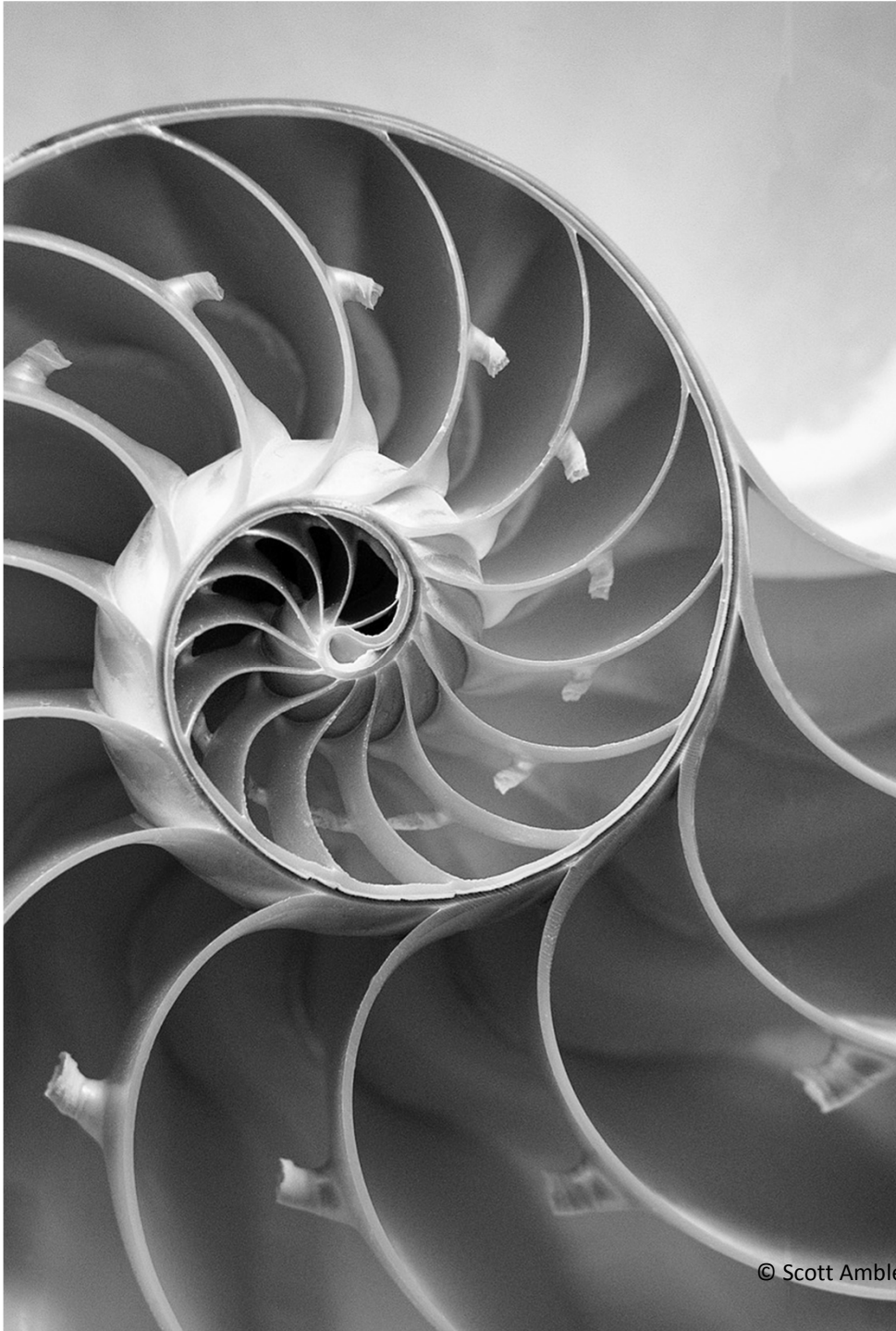






# Context Counts – Tailoring and Scaling Agile



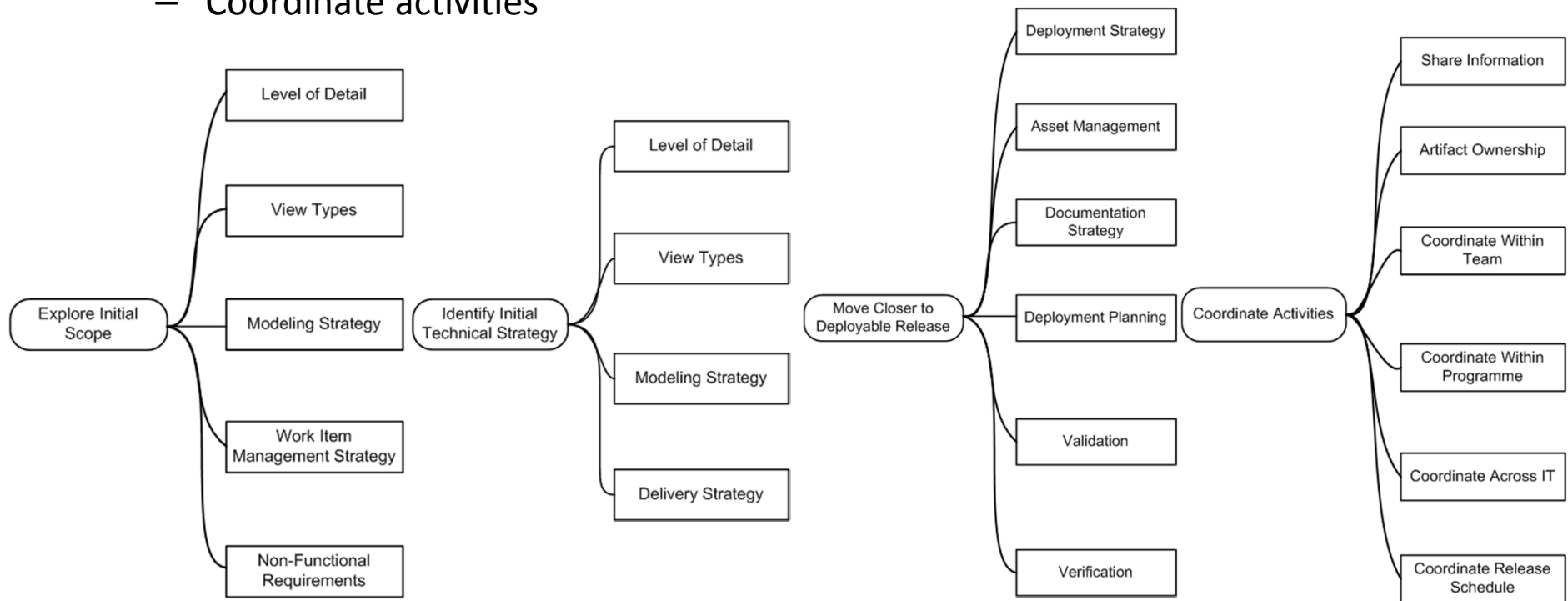


# Scaling Requires...

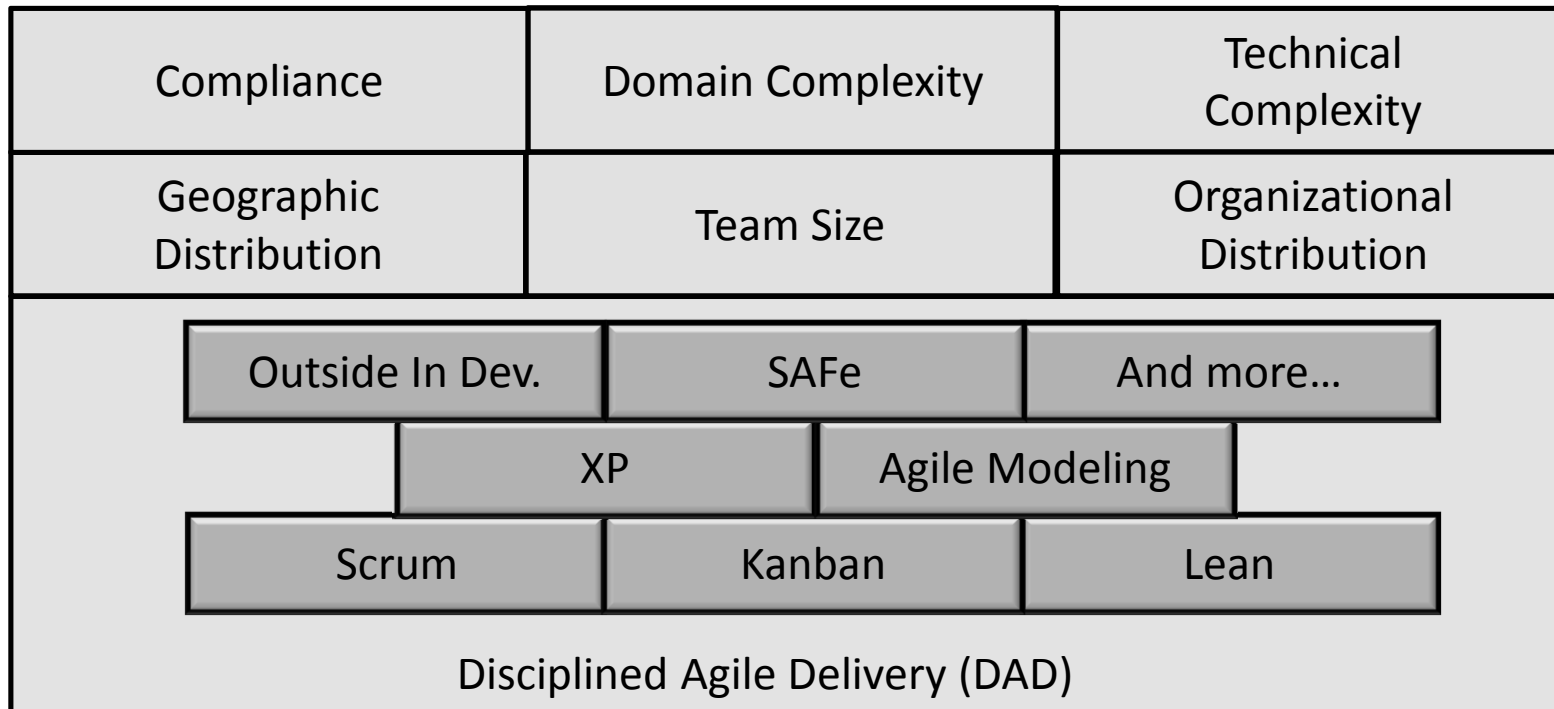
- A disciplined approach
  - Full delivery lifecycle
  - Enterprise awareness
  - Goal-driven approach
- A bit more up-front thinking
  - Explore the initial scope a bit deeper
  - Identify the initial technical strategy in a bit more detail
- More sophisticated coordination
  - Individuals and interactions
- More sophisticated governance
  - The greater the risk, the greater the need for effective governance
- More sophisticated validation
  - Teams at scale are typically tackling harder problems
- More sophisticated tooling

# Scaling From a Solid Foundation is Easier

- With a DAD-based approach, scaling becomes straightforward because a handful of process goals take the brunt of the tailoring:
  - Explore initial scope
  - Identify initial technical strategy
  - Move closer to a deployable release
  - Coordinate activities



# Disciplined Agile Delivery: The Foundation for Scaling Agile



DAD leverages proven strategies from several sources, providing a decision framework to guide your adoption and tailoring of them in a context-driven manner.

# Got Discipline?

[DisciplinedAgileConsortium.org](http://DisciplinedAgileConsortium.org)  
[DisciplinedAgileDelivery.com](http://DisciplinedAgileDelivery.com)