

# Agile Tour 2015

## Lean, Continuous Innovation and Scrum

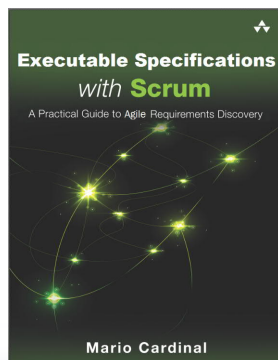
**Mario Cardinal**  
Agile Coach & Software Architect  
[www.mariocardinal.com](http://www.mariocardinal.com)



Version Nov12

## Who am I?

- Co-Founder of Slingboards Lab
- Agile Coach & Software architect
- <http://mariocardinal.com>



## Why are we here?

### Agenda

*"The real voyage of discovery consists, not in seeking new landscapes, but in having new eyes."*

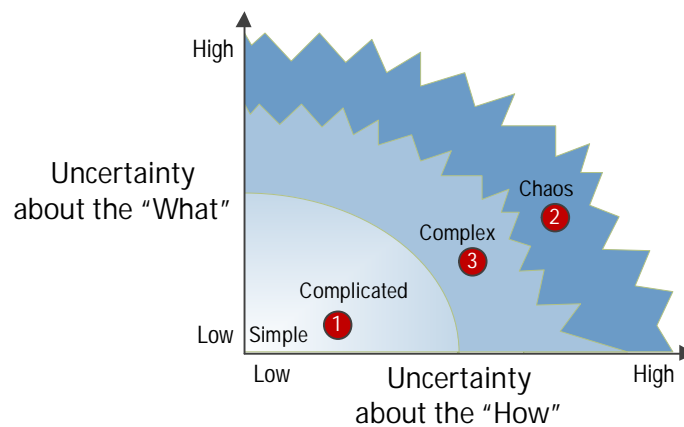
**Marcel Proust**

#### A. Agile and Complexity

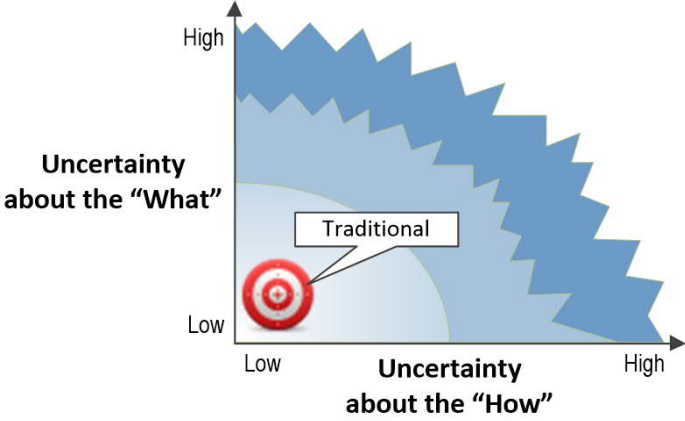
#### B. Agile and Innovation

- Lean Thinking and Lean Startup
- Deming Wheel
- Continuous Innovation and Scrum

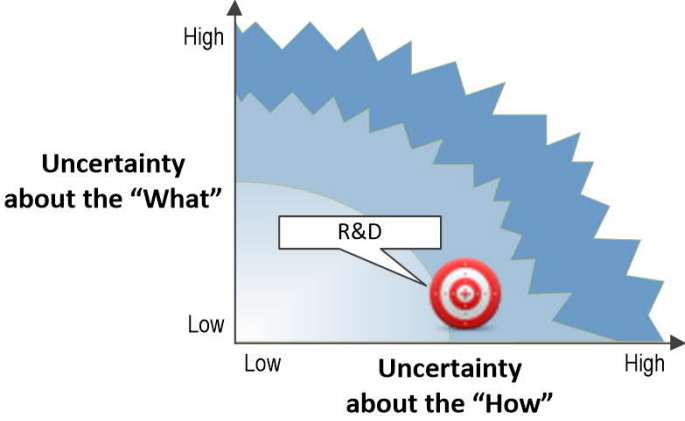
## Complexity From Simple to Complex



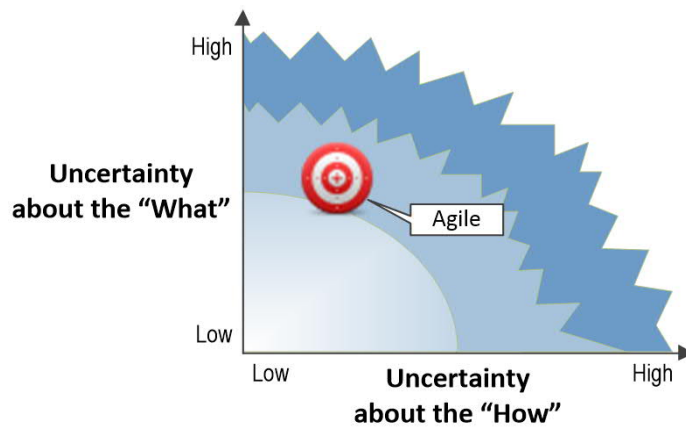
# Simple and Complicated Traditional Project Management



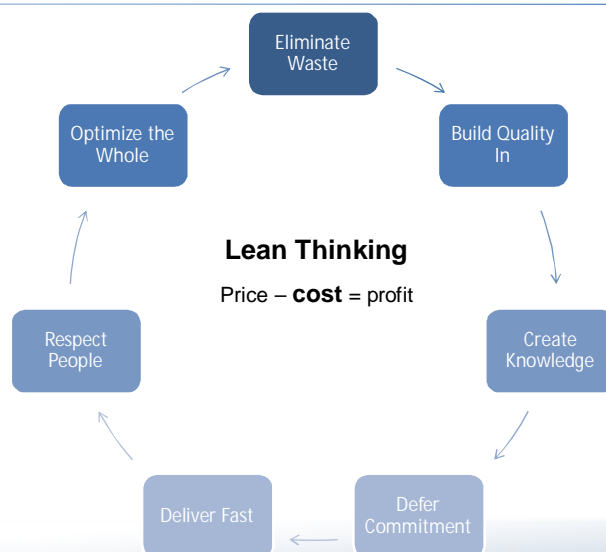
# Complex Research & Development



## Agile Embracing Changes to Solve the Right Problem

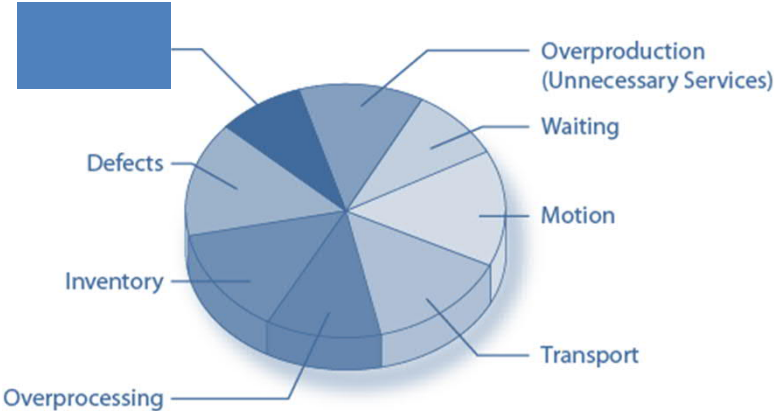


## Principles of Lean



# Lean Process Improvement

## The Seven Deadly Wastes



# Lean Startup

## Focus on an Eighth Wastes

STOP  
WASTING  
PEOPLE'S  
TIME

## What is a Startup

*“a start-up is an organization formed to search for a repeatable and scalable business model”*

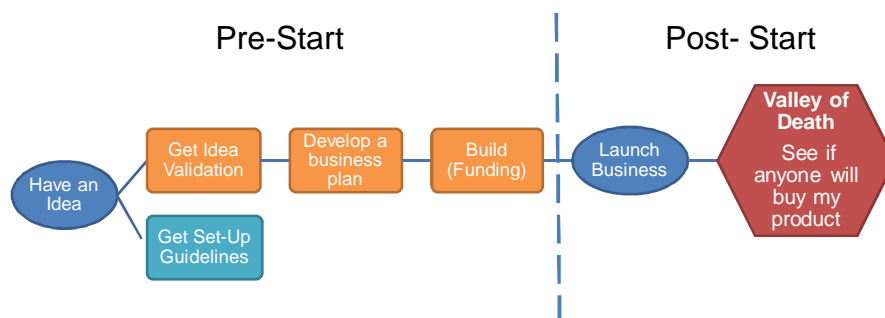
- Steve Blank- “4 Steps to an Epiphany”

*“A startup is a human institution designed to deliver a new product or service under conditions of extreme uncertainty”*

- Eric Reis- “Lean Start-up”

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## Traditional Startup Workflow



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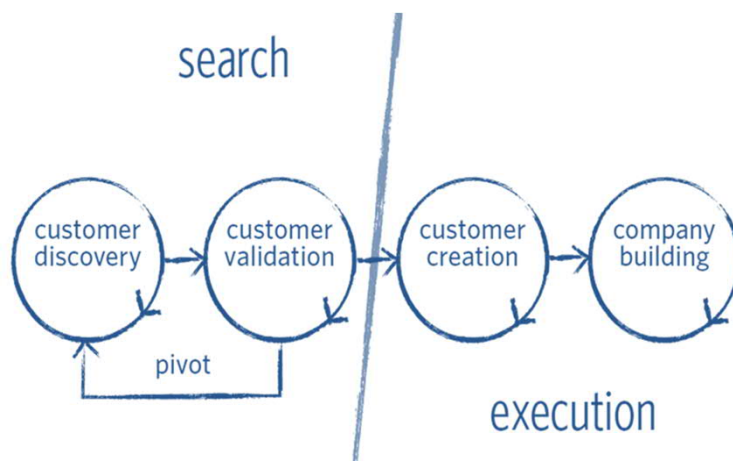
## Lean Startup Improve the Feedback Loop

- If we're building something **nobody** wants, what does it matter if we accomplish it:

On time?  
On budget?  
With high quality?  
With beautiful design?

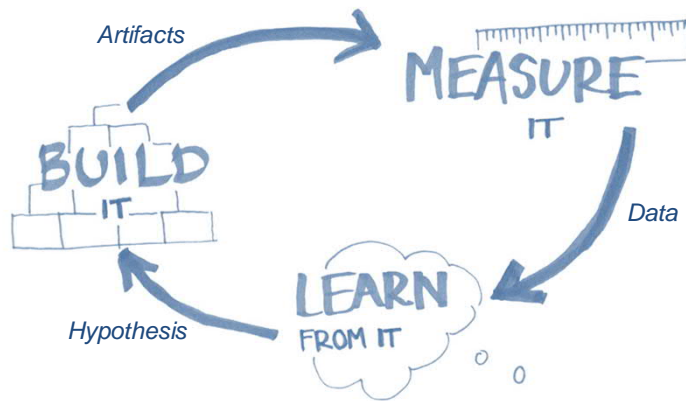
Achieving Failure = successfully executing a bad plan  
and wasting people's time

## Lean Startup Workflow



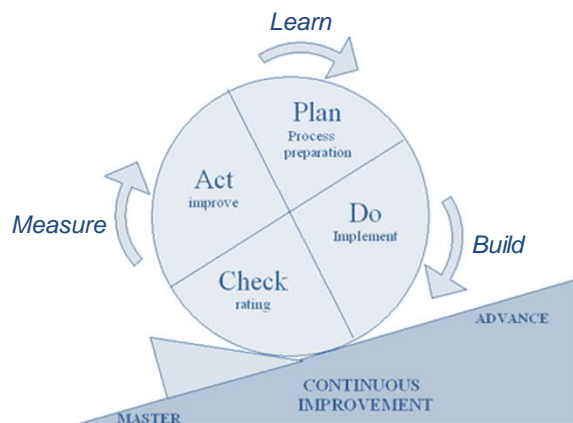
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## Lean Startup Continuous Innovation



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## Deming Wheel Continuous Improvement

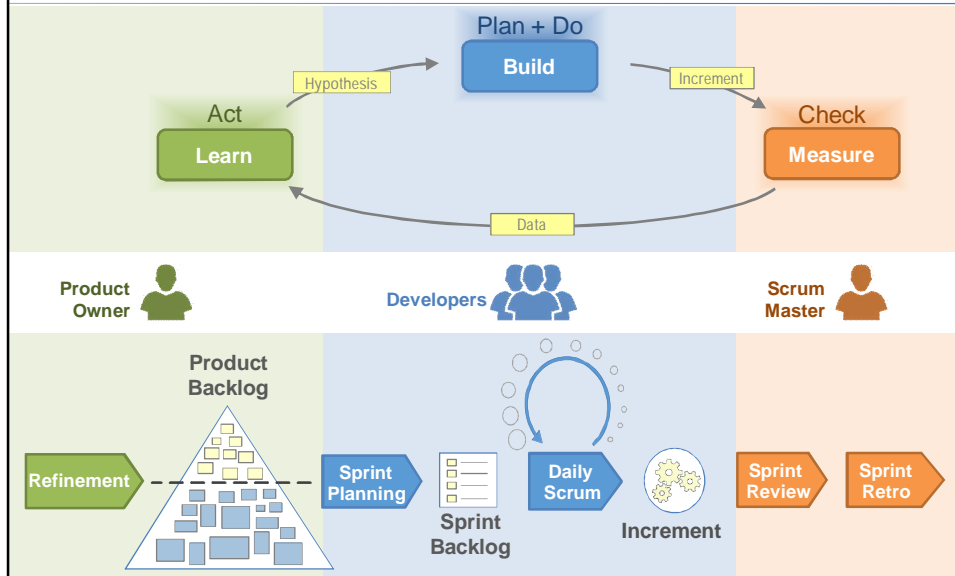


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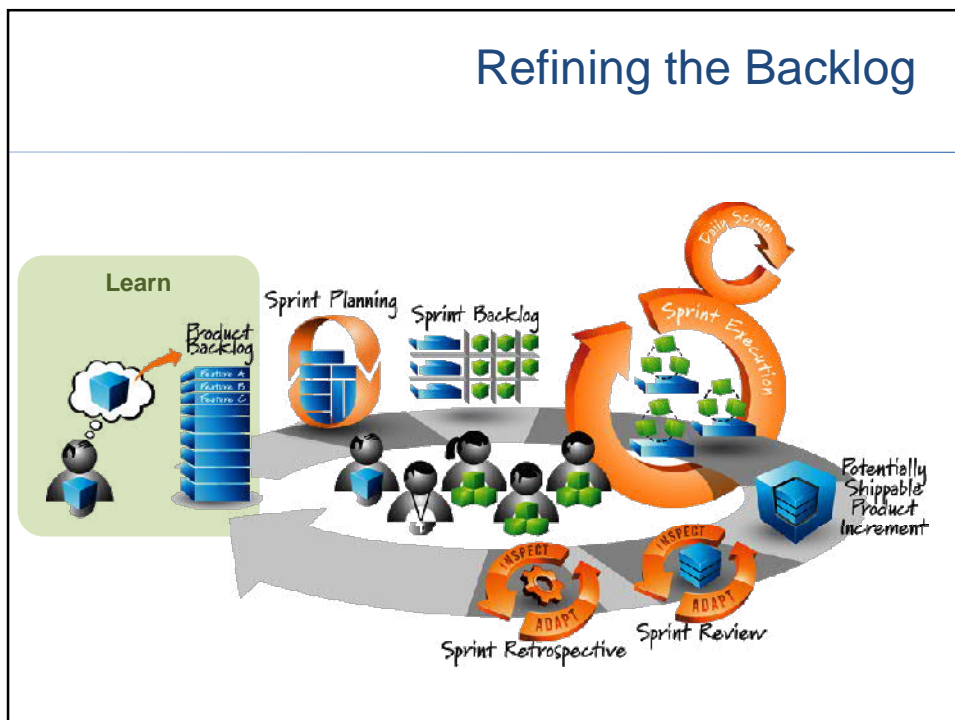


# Scrum

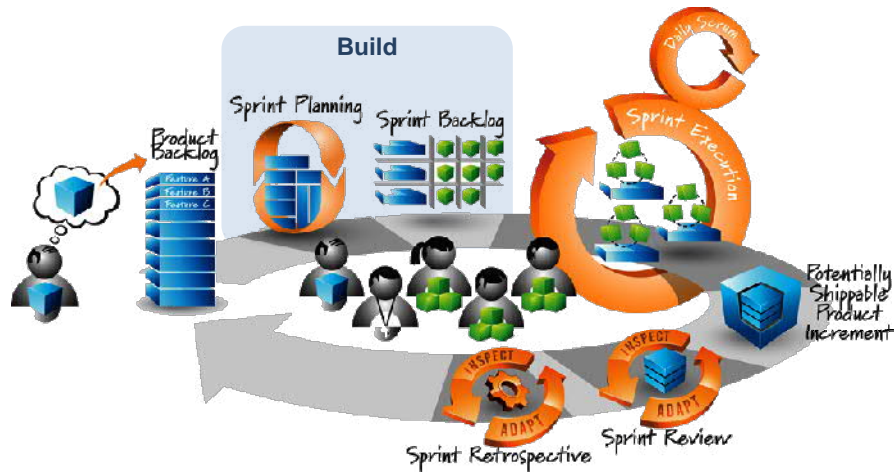
## Continuous Innovation and improvement



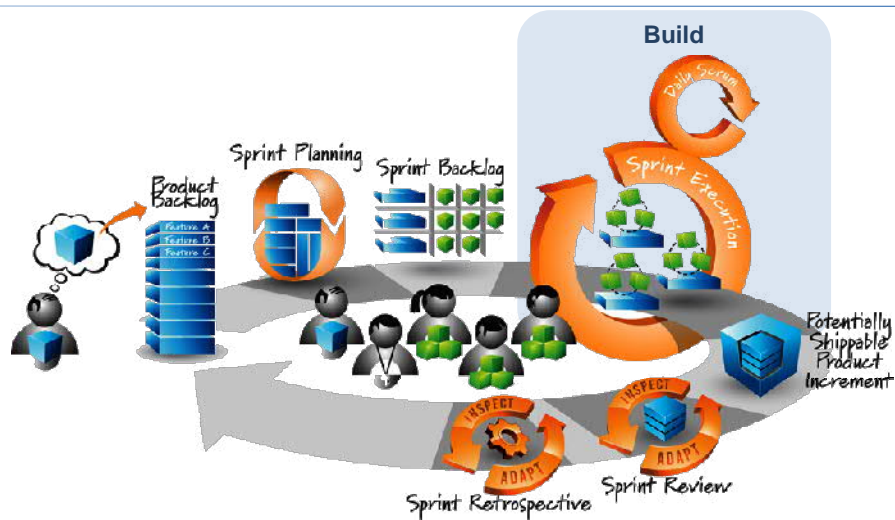
## Refining the Backlog



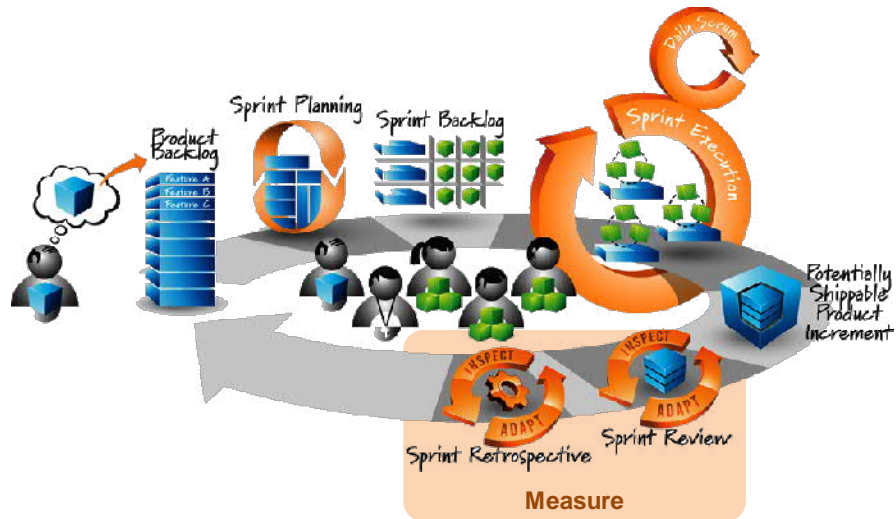
## Sprint Planning



## Sprint Execution & Daily Scrum



## Sprint Review & Retrospective



## Continuous Value Delivery Measuring Usage

