



Surviving Uncertainty Track
“Change is the only constant”

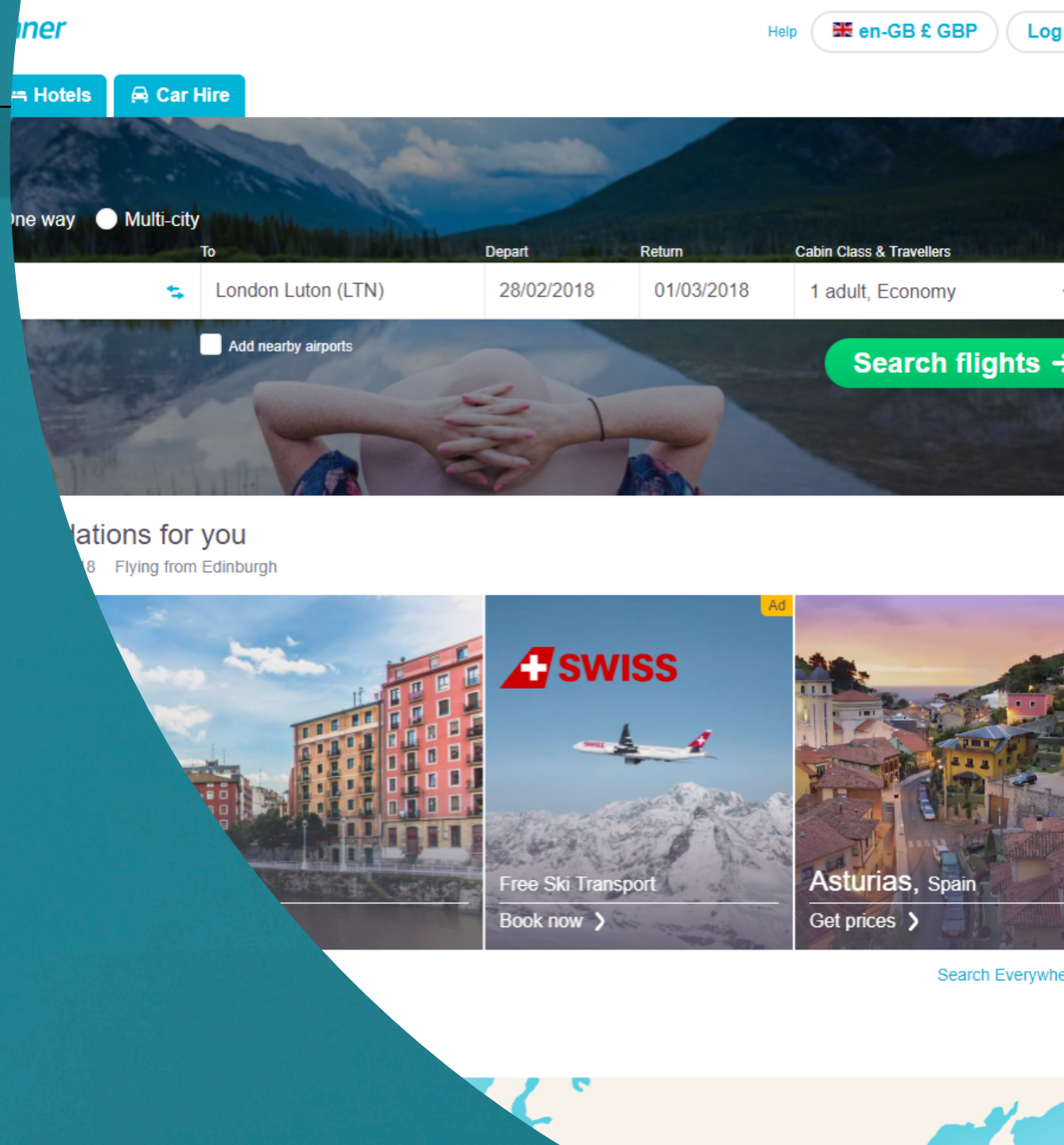
Stuart Davidson

QCon – 04/03/19

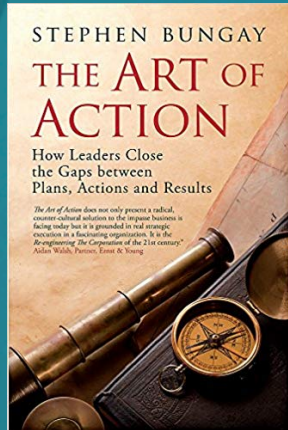
Introduction

@spedge

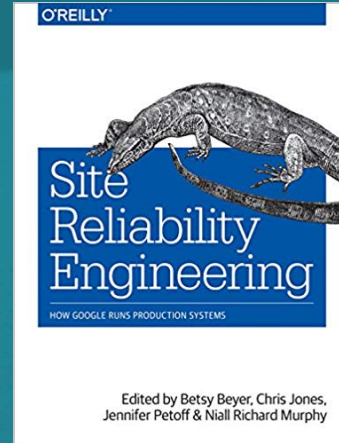
Senior Engineering Manager @
Developer Enablement Tribe



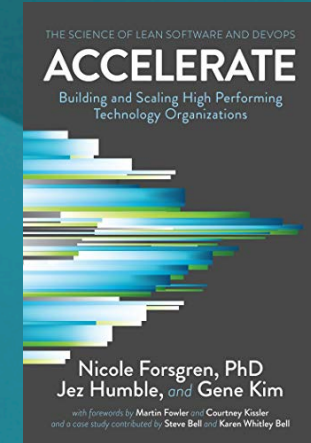
SURVIVING UNCERTAINTY
ZONE 1
ACT 1



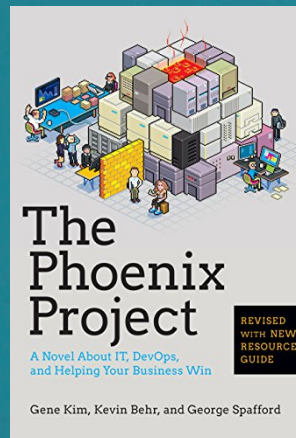
Art of Action – Stephen Bungay



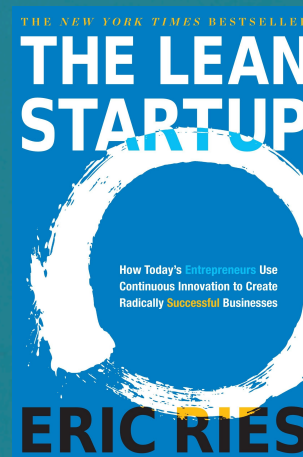
Site Reliability Engineering -
Betsy Beyer, Jennifer Petoff Chris
Jones, Niall Richard Murphy



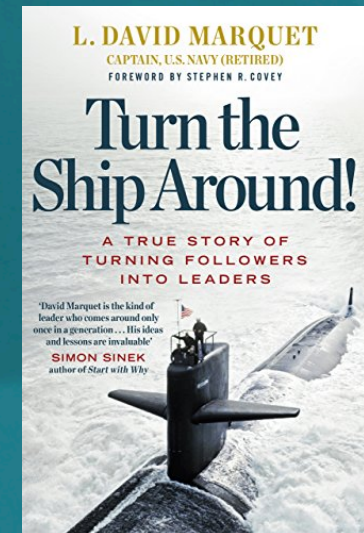
Accelerate – Nicole Forsgren,
Jez Humble and Gene Kim



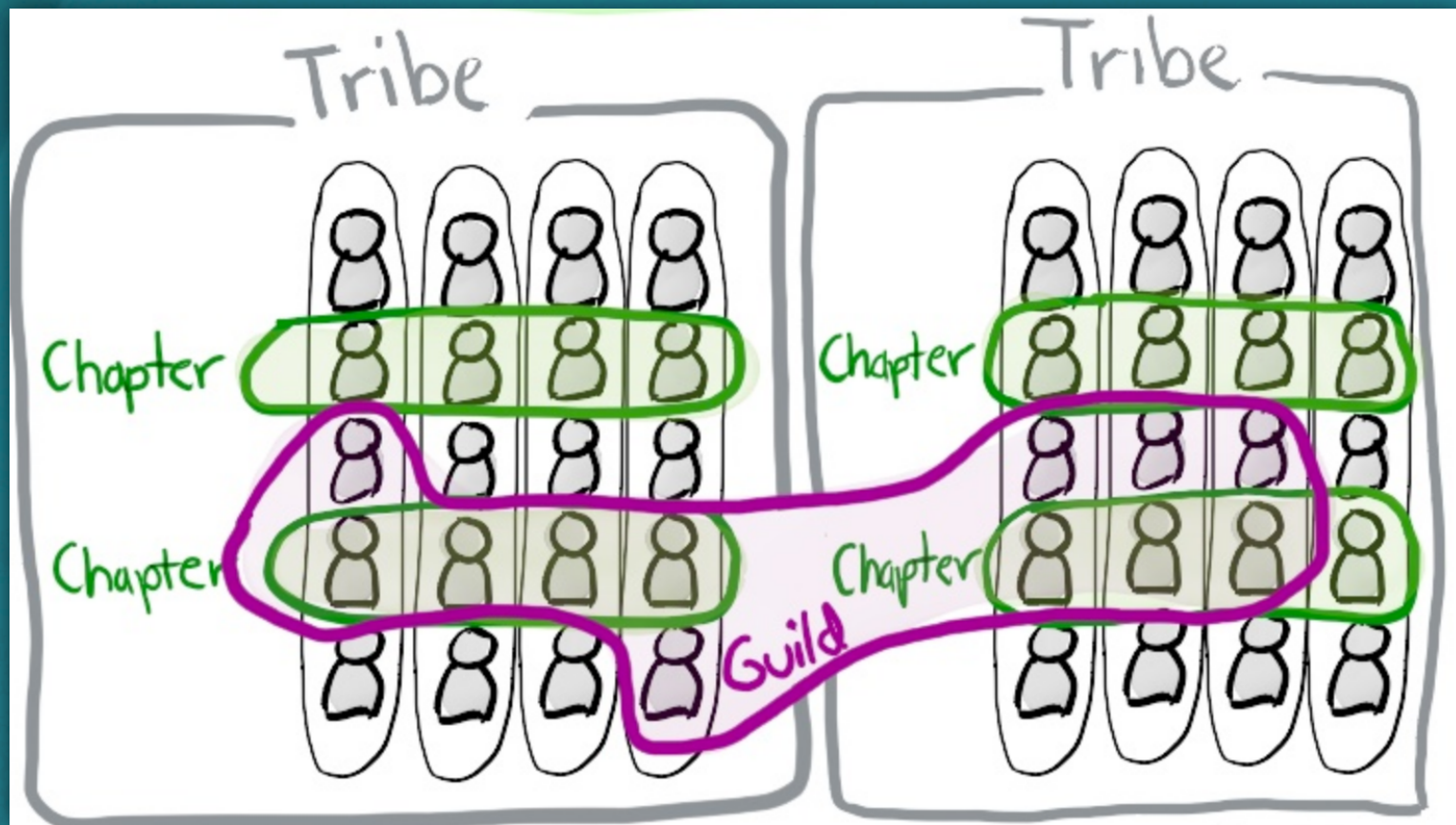
The Phoenix Project – Gene Kim,
Kevin Behr, George Spafford



The Lean Startup – Eric Reis



Turn The Ship Around – David Marquet

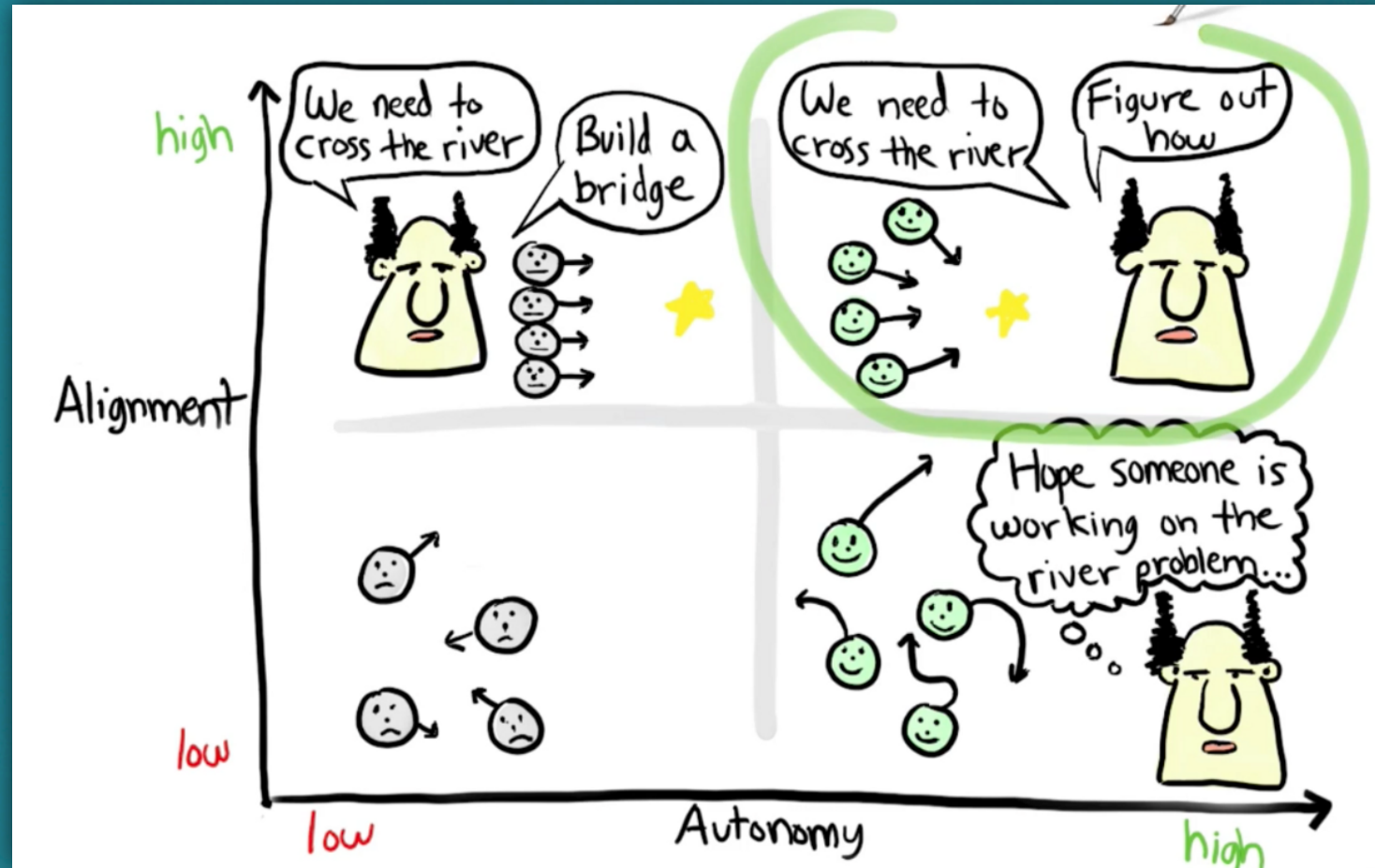


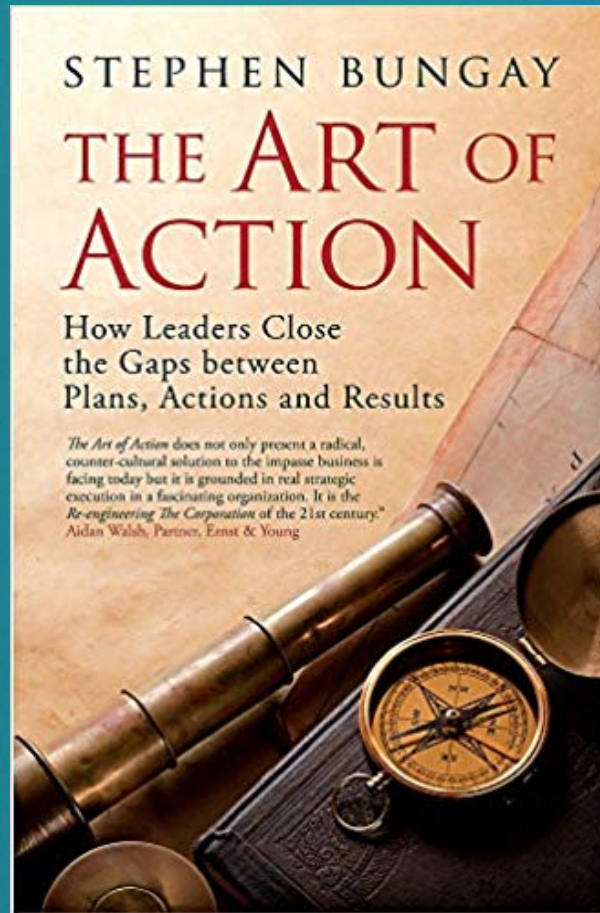
Squads are groups of six to ten people.

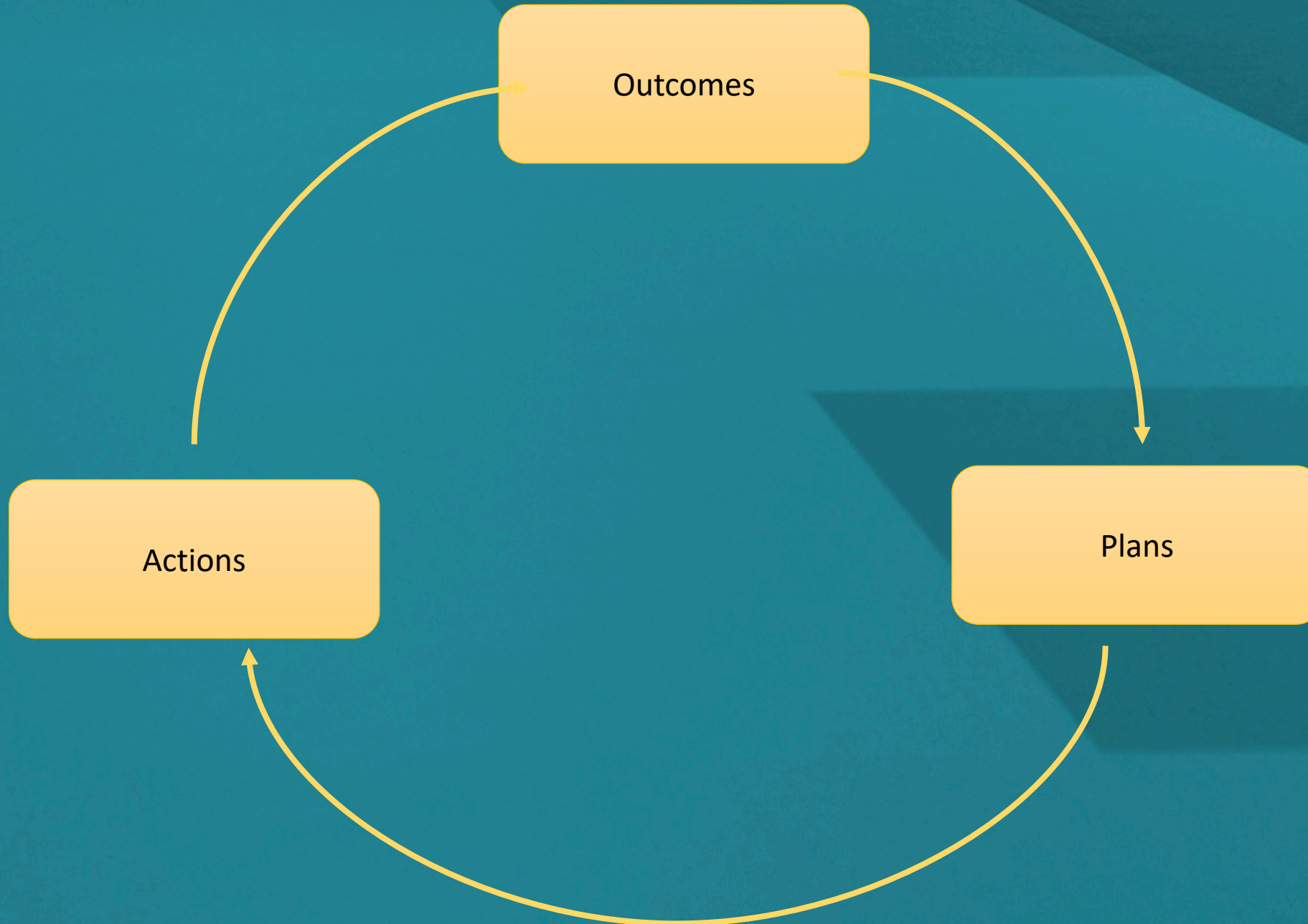
Tribes are collections of squads focused on delivery

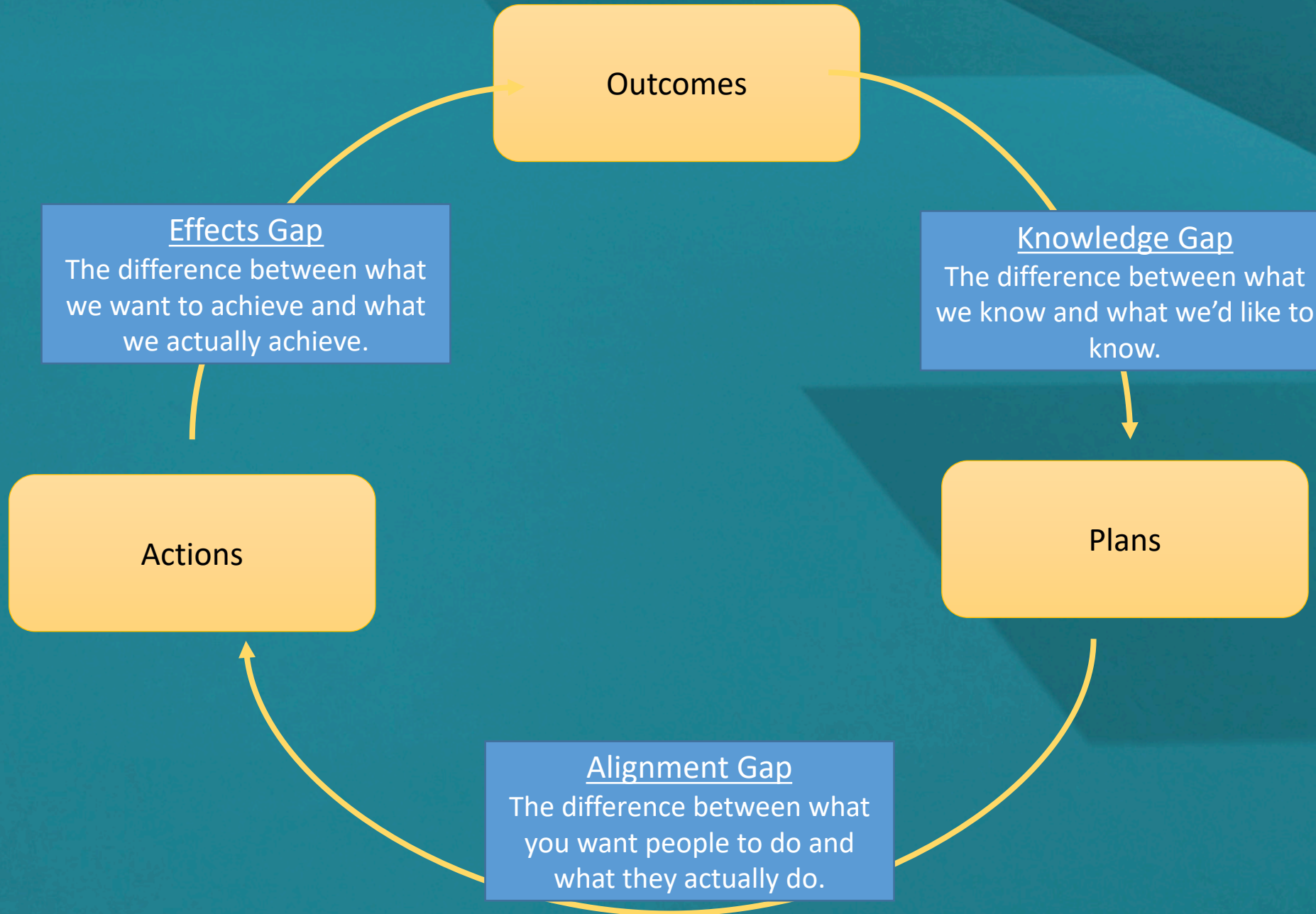
Chapters are cross-squad subject-matter experts and how line management is organised.

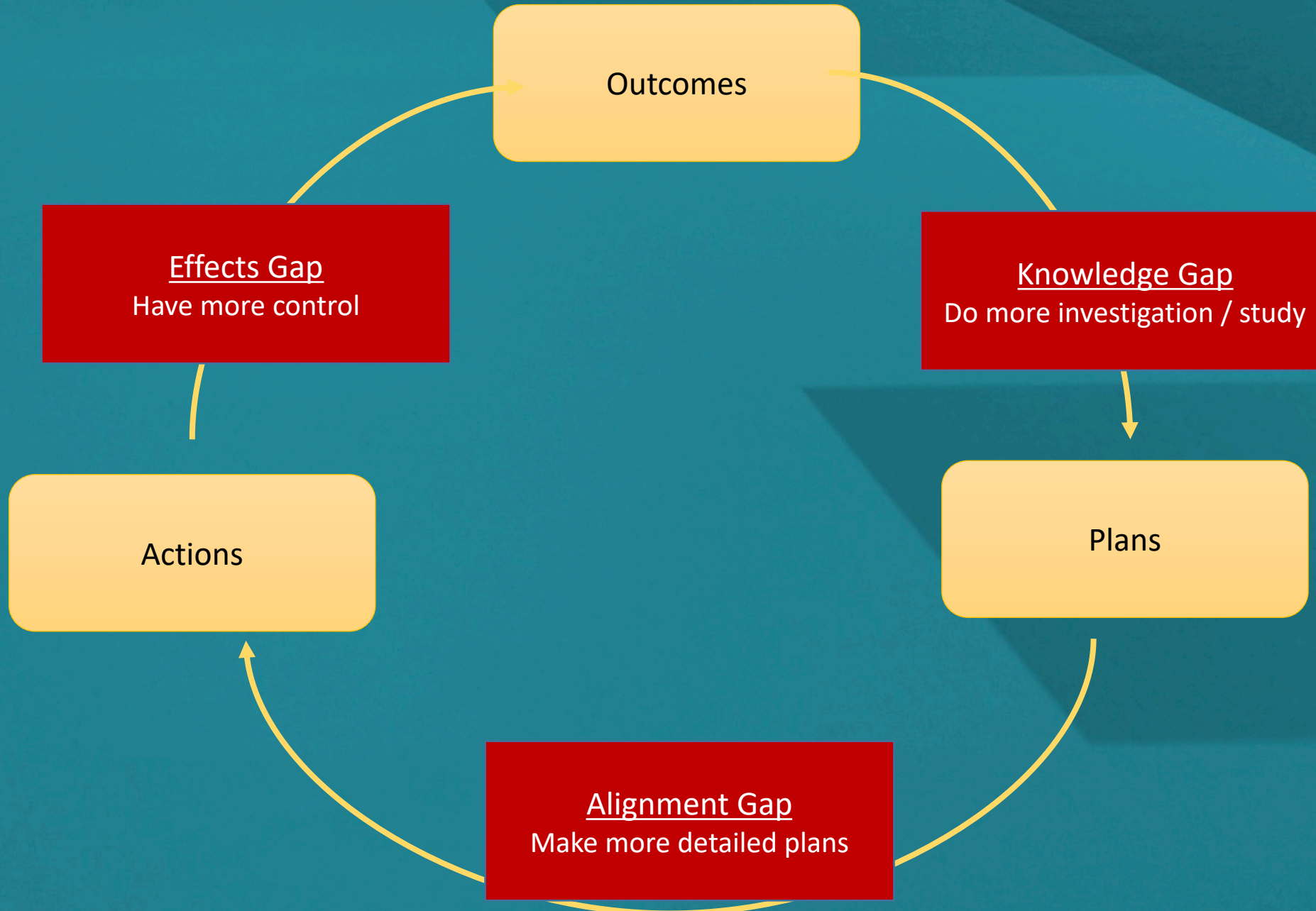
Guilds are communities across the company gathered around a particular area of knowledge.

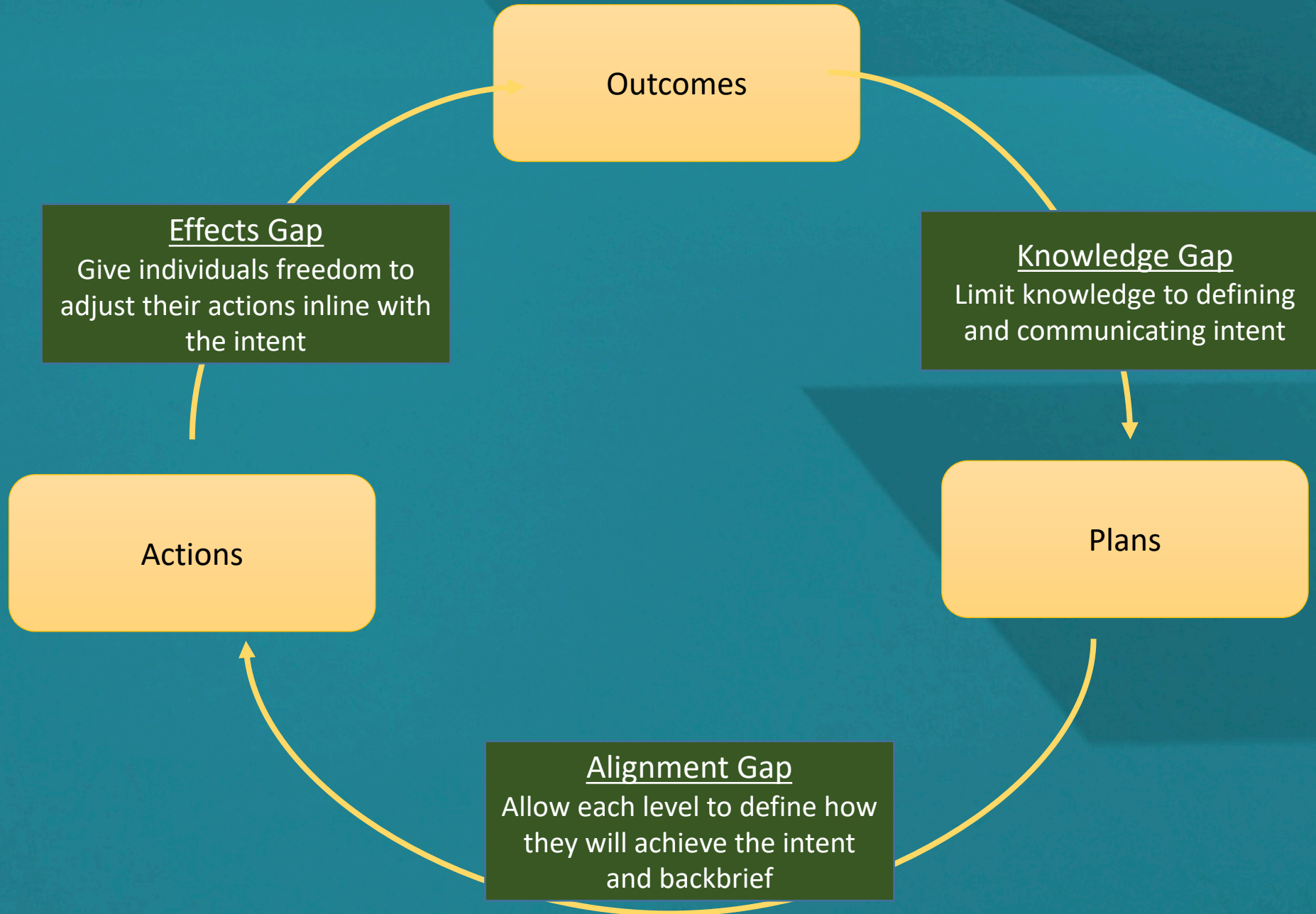










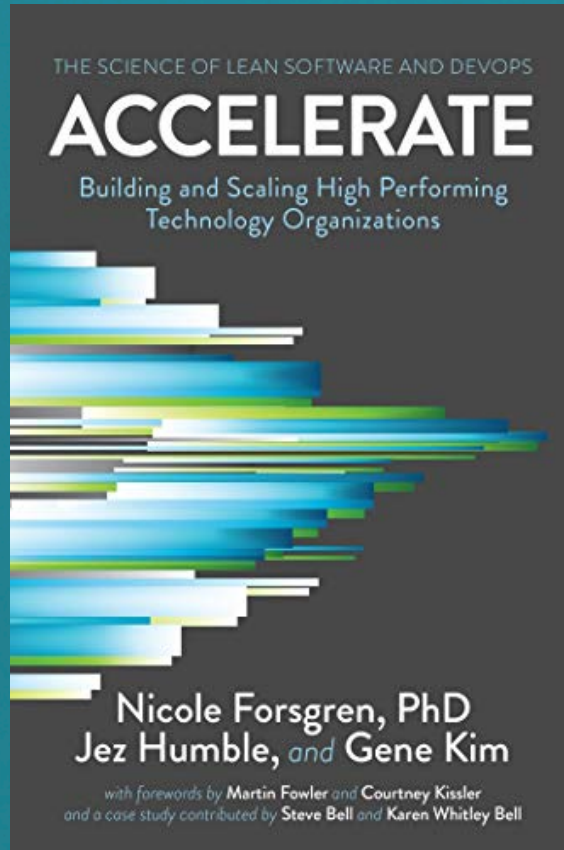


- Strategy Briefs and Back-Briefs
- Maintaining Line Management within Squads is better
- Long-Lived, Co-Located Squads are better (Tuckman)

- Just starting, but initial signs are good.
- A way of us being clear about what to expect inter-service, as well as error budgets.
- This taught us so much about our dependencies...



ALL YOUR DEPLOYMENTS ARE INTO
PRODUCTION. YOU HAVE NO RISK
TO SURVIVE MAKE YOUR TIME.
HA. HA. HA.



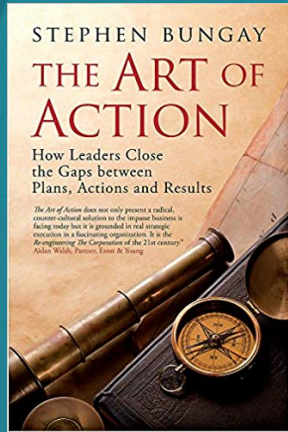
- Based on the statistical analysis of 23,000 data-sets
- Software Delivery Performance Metrics
 - Lead Time To Change
 - Change Frequency
 - Change Failure Rate
 - Mean Time To Recovery

PUSH START

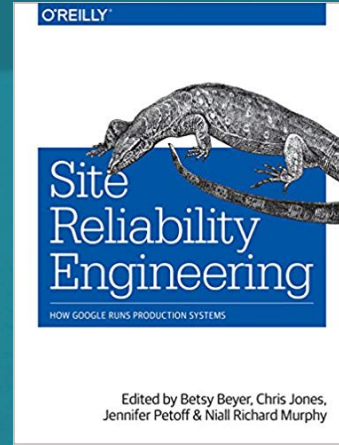


**TO MIGRATE A SOURCE CONTROL
SYSTEM TAKES MORE THAN JUST
GIT ADD -A ...**

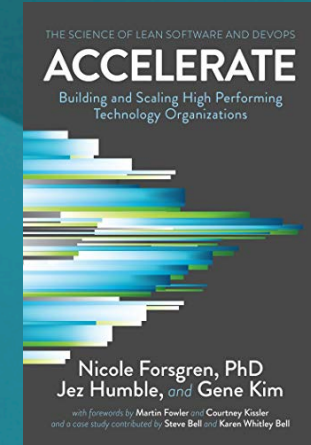
1. Leadership & Buy-In
2. Unity of Purpose
3. Understand the Technical Landscape
4. Make the Migration Simple
5. Neutralise Blockers
6. Gain & Maintain Support for the Migration
7. Operate in Accordance with the Production Standards
8. Be Transparent
9. Prepare for the Long Term
10. Learn & Iterate



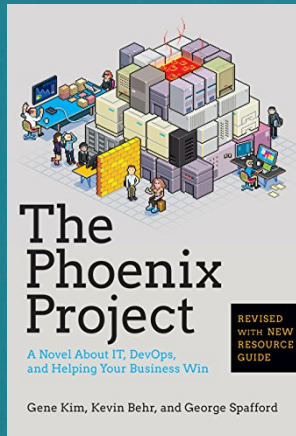
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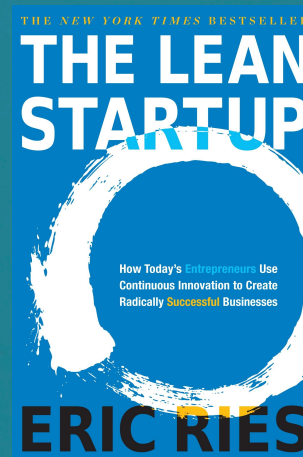
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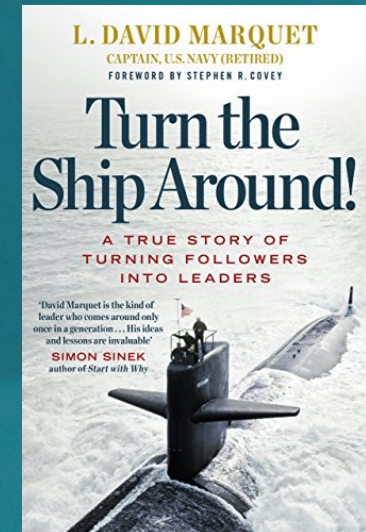
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