4 Maps of DevOps

Applying maps to find and manage your value streams

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Who am I?

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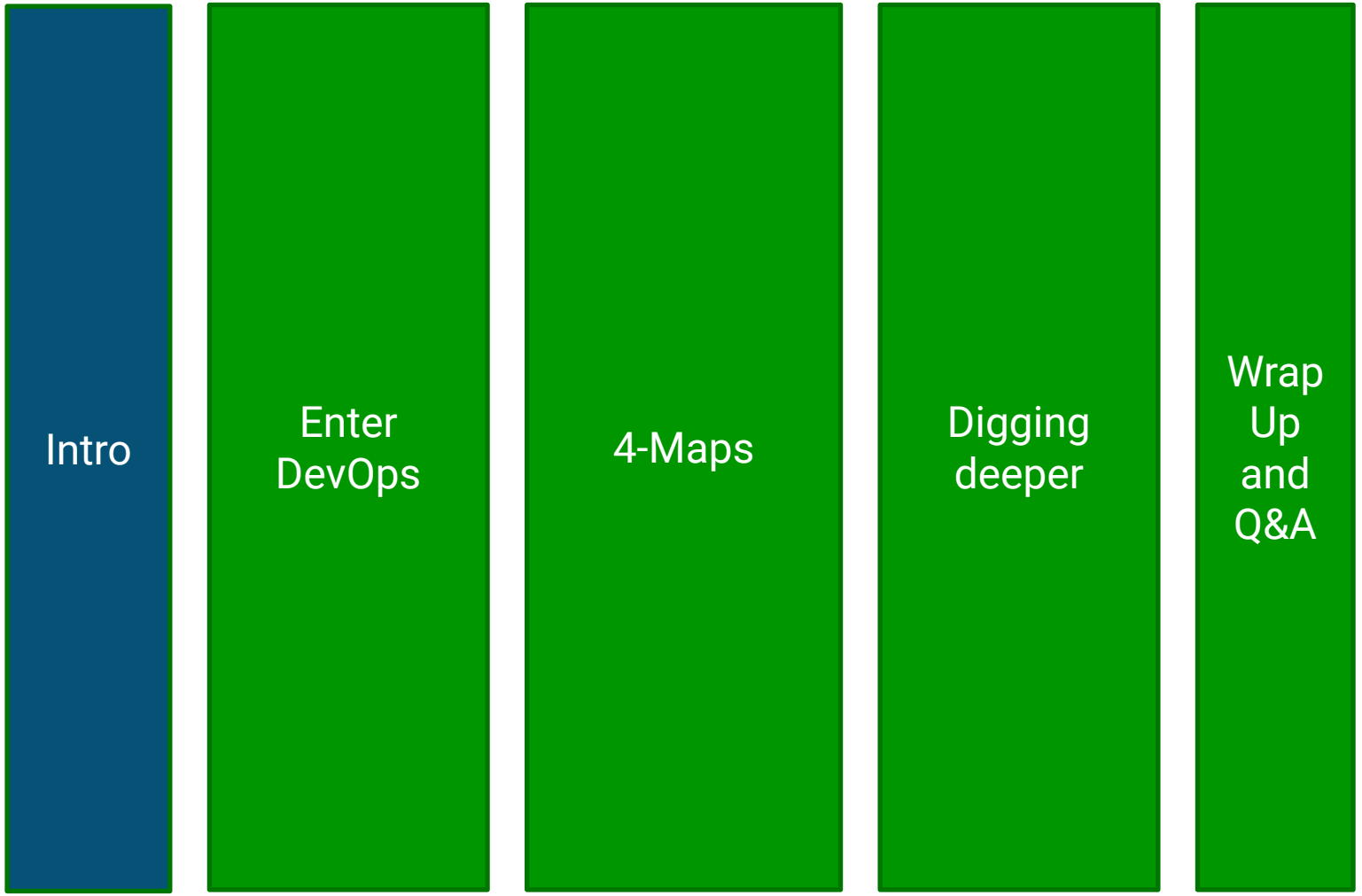
Talk map



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In our fast-paced world customers demand instant gratification

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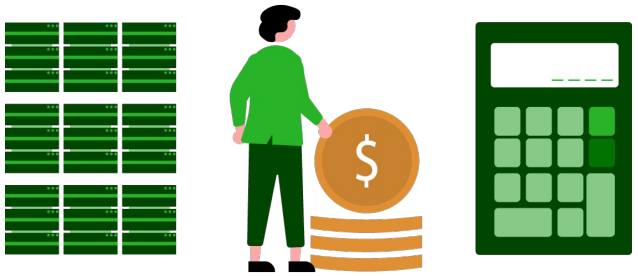
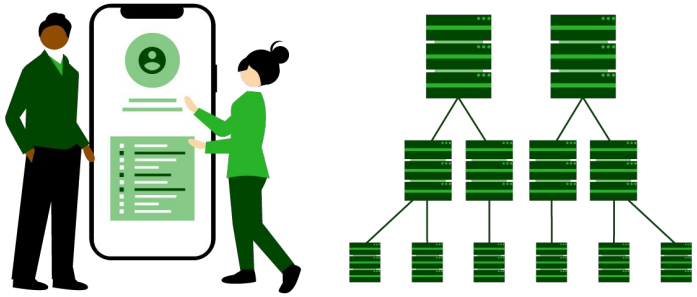
Moving towards value delivery

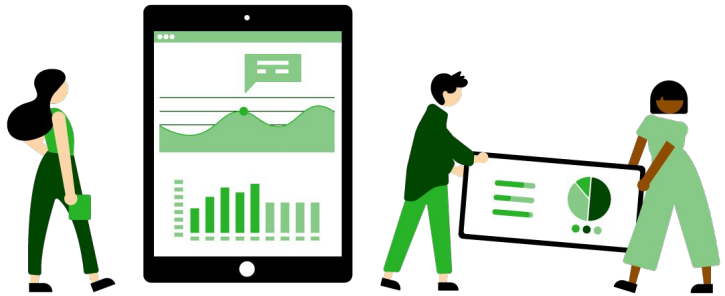
1990's and before



1990 to 2020



2020 and beyond



Driving efficiency → **Invest in technology capabilities** → **Drive immediate customer value**

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Tools accelerate your Value Delivery

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- Micromanagement
- Lack of Capability
- DevOps Team Silos
- Not Taking a Holistic Approach
- Doing Without Understanding
- Lack of Shared Ownership
- Broken-Window Syndrome
- Fear of Failure
- Lack of Psychological Safety
- Lack of Valuable Measurement
- Lack of Vision
- Lack of Visibility
- Unspoken Disagreements
- Failure to Scale Pilots
- Unrealistic Expectations
- Overlooking Organizational Change
- Overemphasis on Velocity
- Automation Without Value
- Ineffective Measurement
- Ignoring Existing Process
- Ignoring Lean and Agile Principles
- Imbalanced Top-Down/Bottom-Up Approach
- Neglecting Stakeholders Beyond Dev / Ops
- Lack of Incentive and Governance Adaptation

Efforts Fail From Lack of Clarity, Not Tools

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Sources: McKinsey, Boston Consulting Group, 2020

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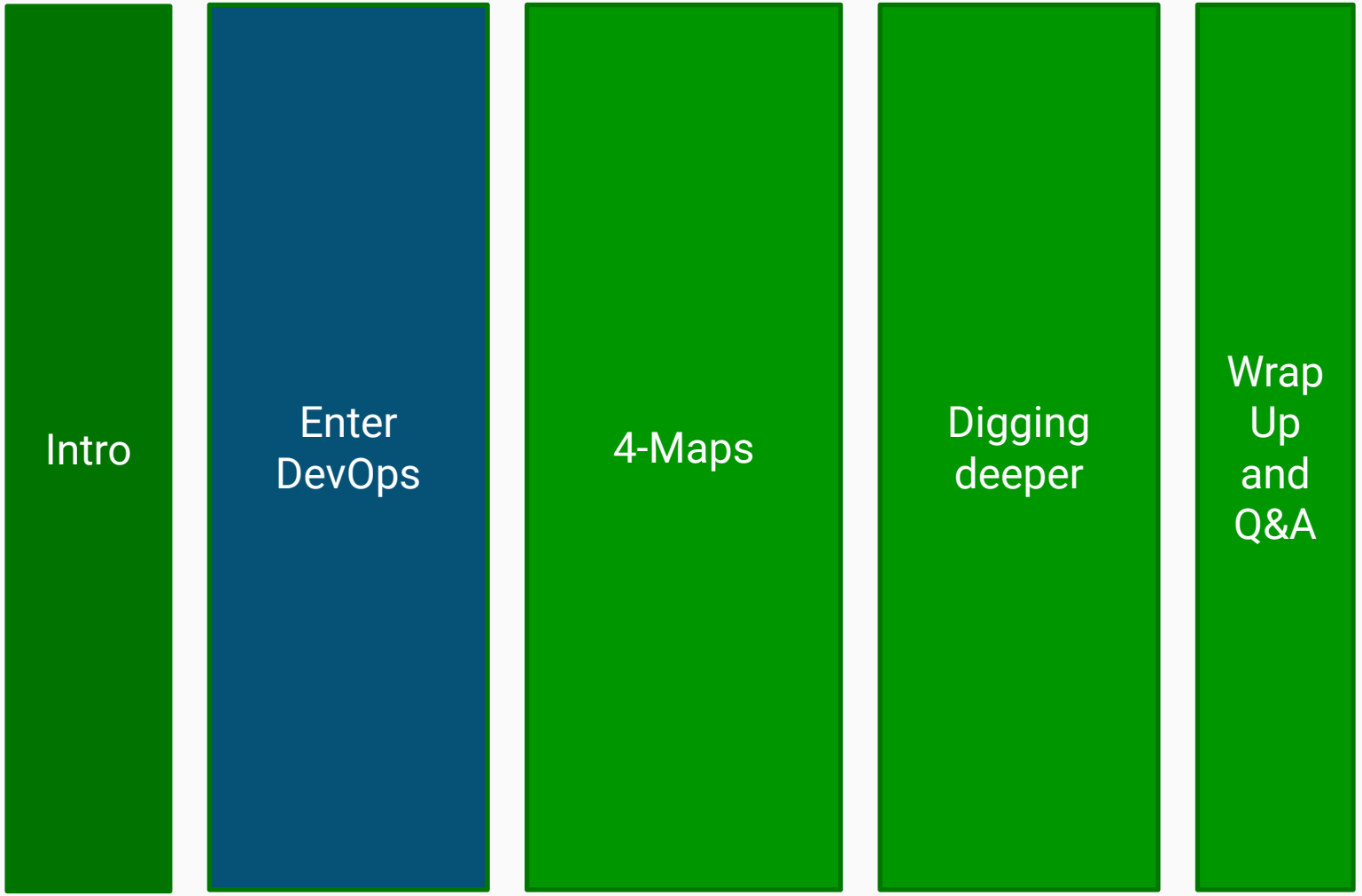

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“People, processes and tools working together to enable rapid and continuous delivery of value to customers.”

- A bunch of people

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Introducing change

“This year, I resolve to stay away from unnecessary risks.”

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cbnd Kevin Spear – *http://kevinspear.com/growth/resolving-avoid*

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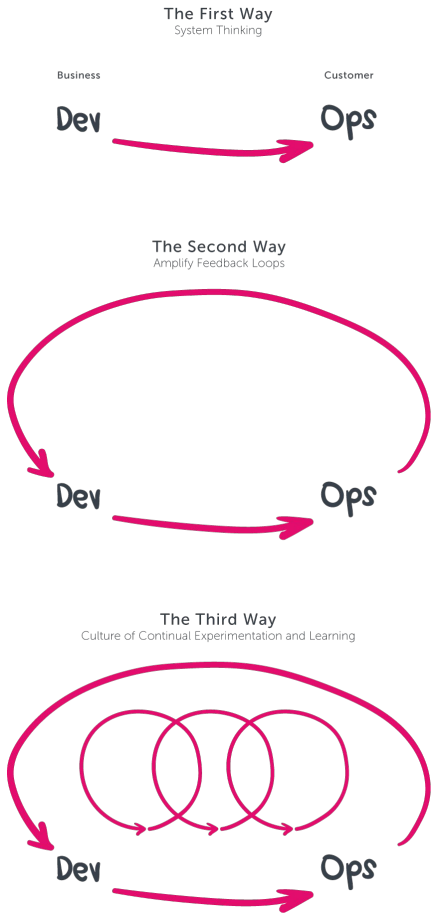
3 Ways and 5 Ideals!



The Five Ideals

THE FIRST IDEAL: Locality and Simplicity

THE SECOND IDEAL: Focus, Flow, and Joy

THE THIRD IDEAL: Improvement of Daily Work

THE FOURTH IDEAL: Psychological Safety

THE FIFTH IDEAL: Customer Focus

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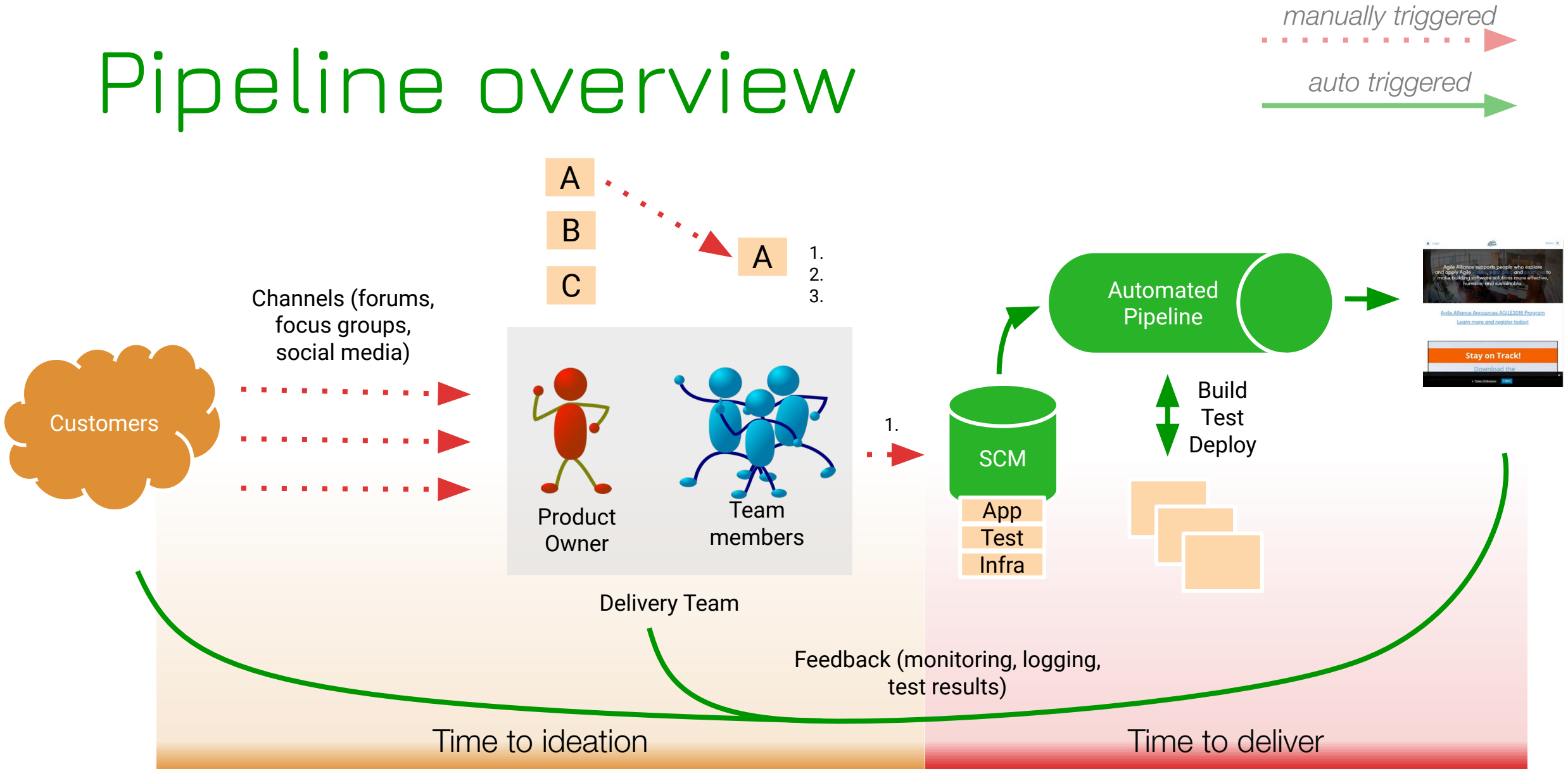
Pipeline overview



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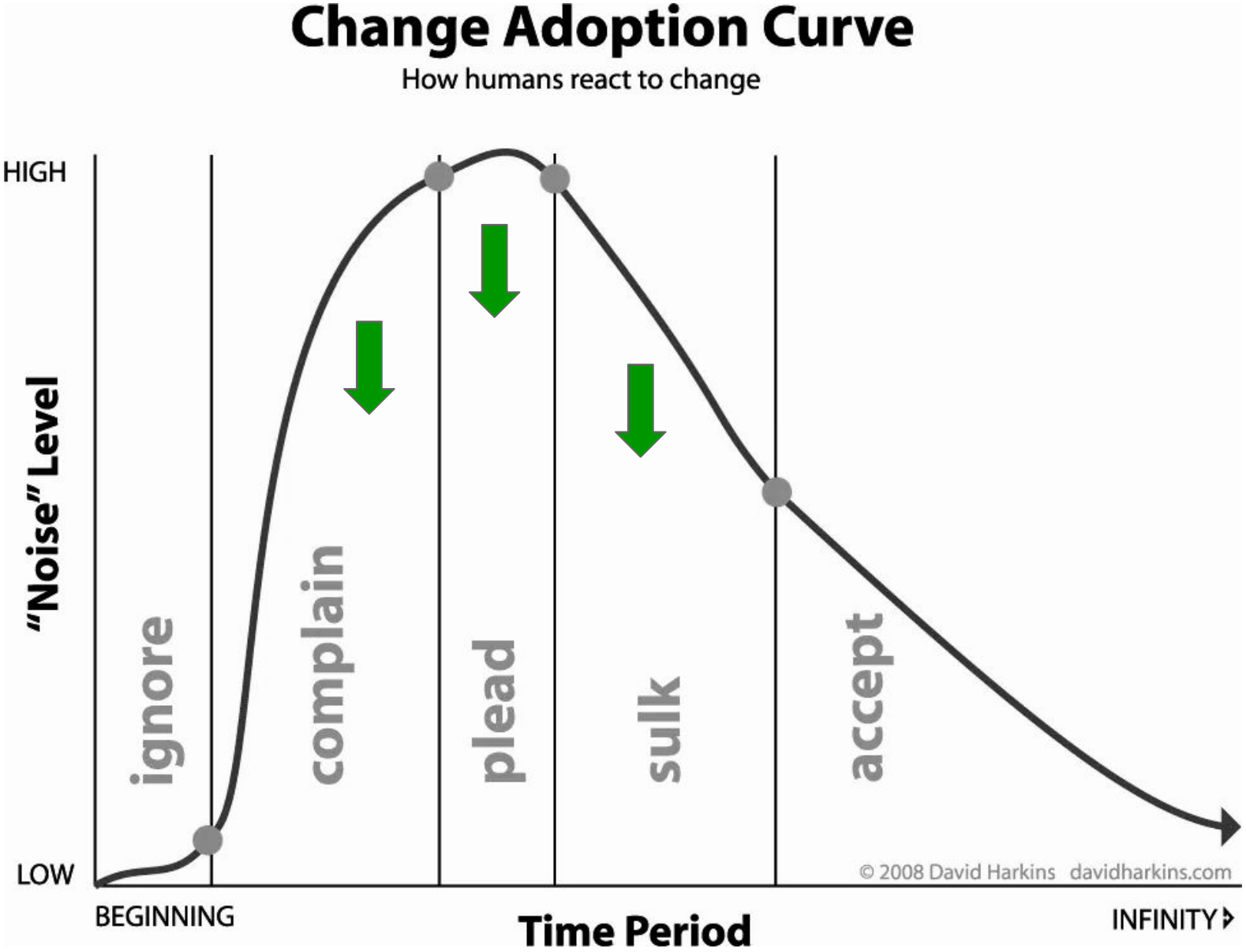
Introducing:

- New paradigms
- New ways of working
- Necessary training

All while meeting any obligations to existing commitments



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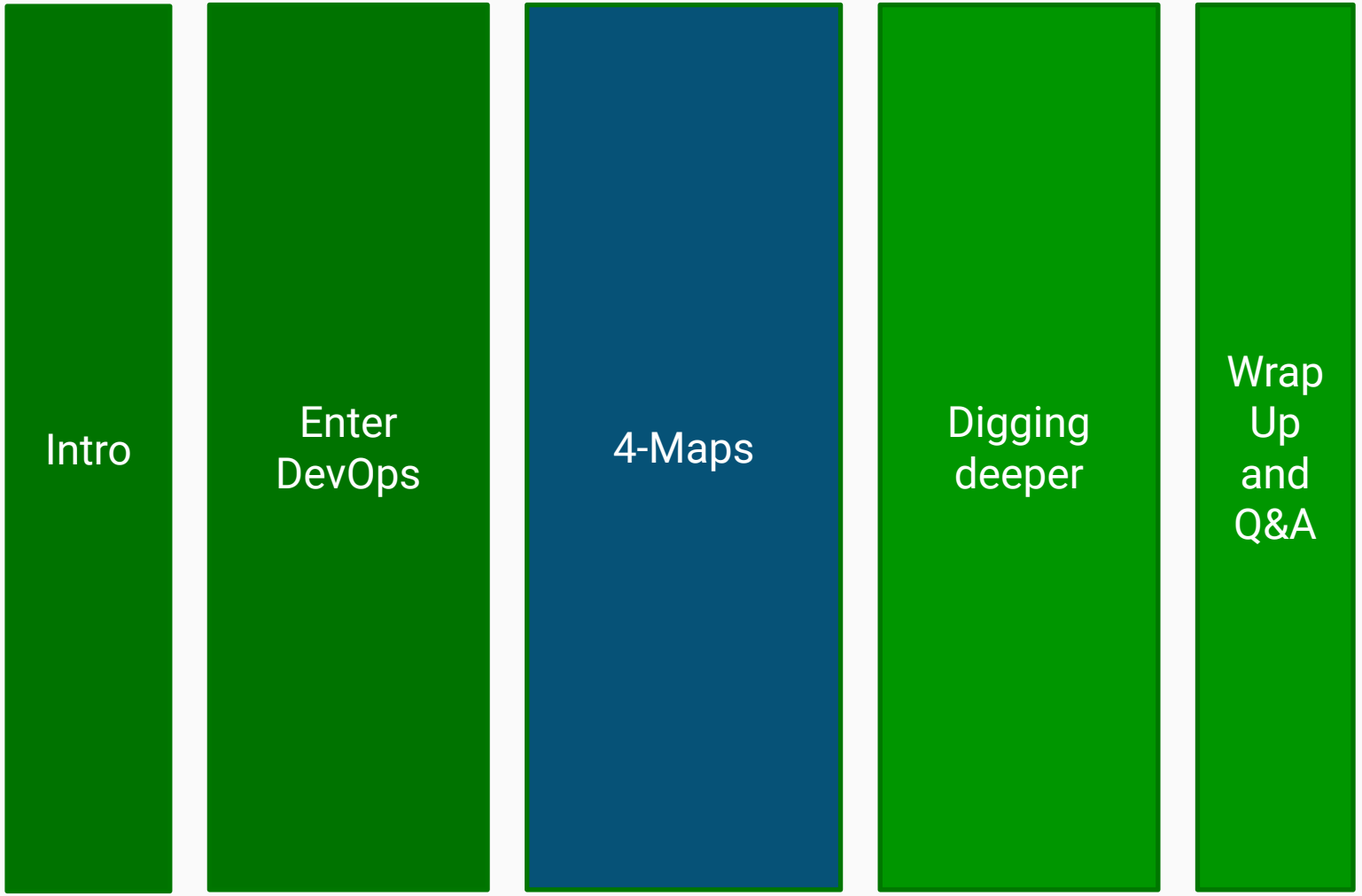

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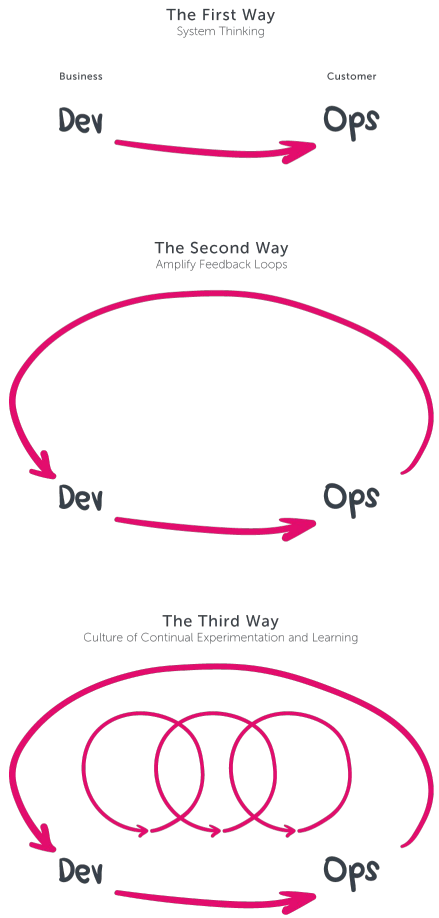
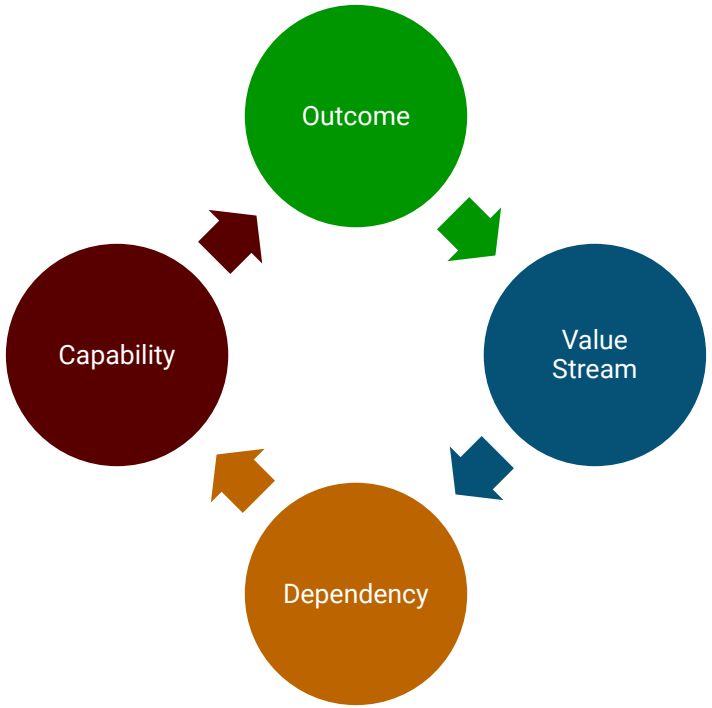
3 Ways, 5 Ideals and... 4 Maps





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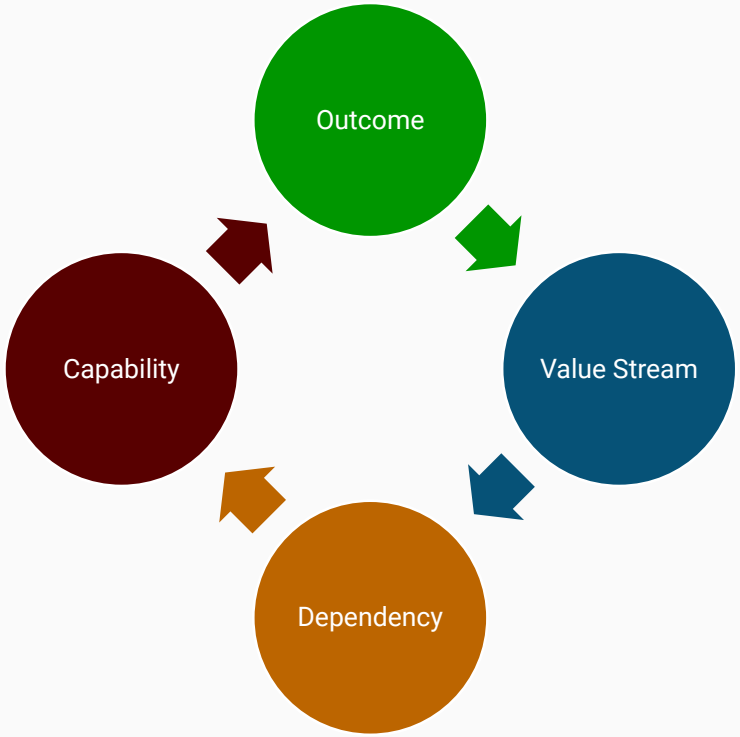
The core of Flow Engineering is 4 Maps

The 4 Key Maps define direction, align stakeholder perspectives and guide decisions



Outcome: Define and clarify outcomes

Value Stream: Identify and address flow constraints

Dependency: Visualize and address external needs

Capability: Measure and address internal needs

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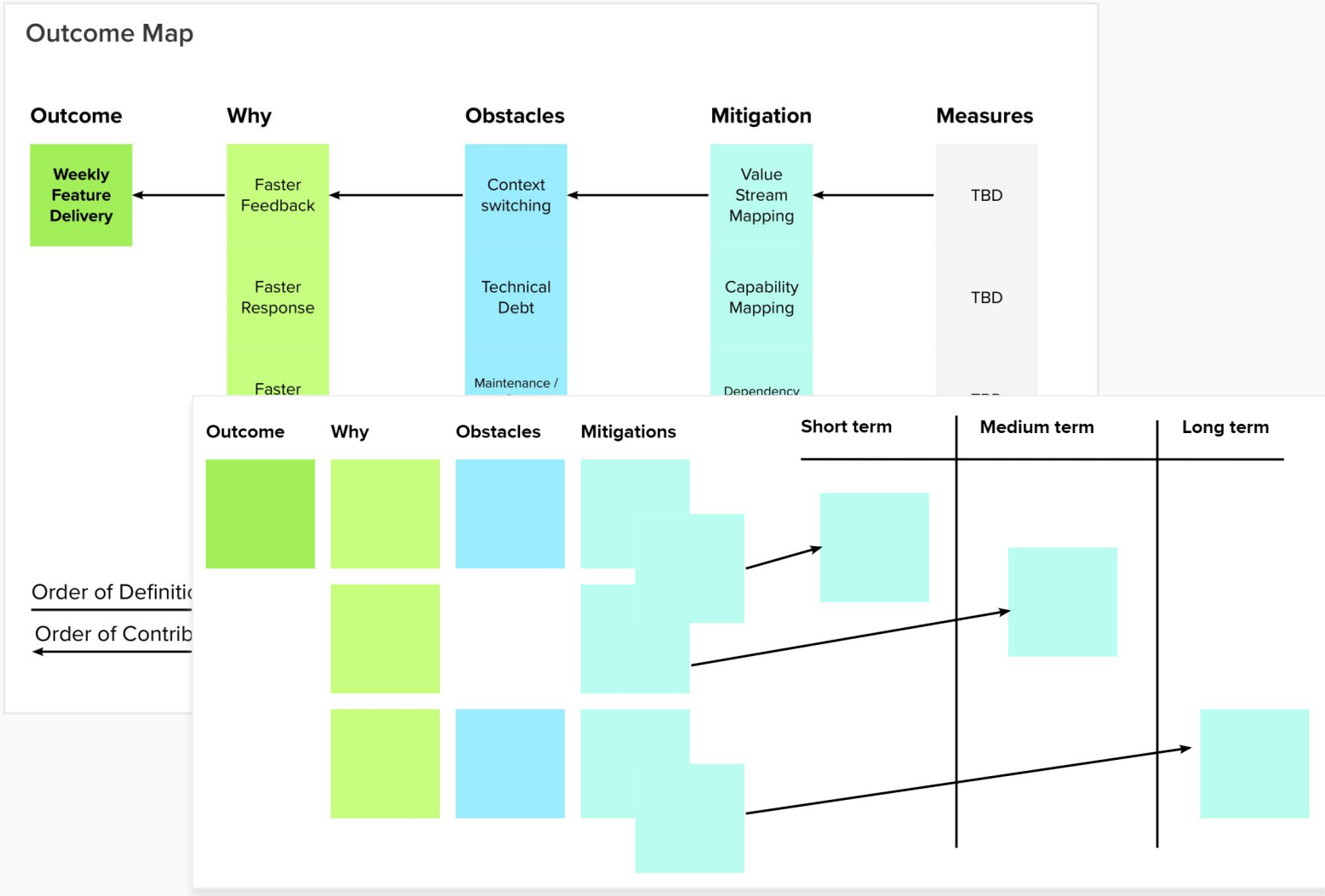
Flow Engineering Starts With Outcomes

"Begin with the end in mind"

By first focusing on outcomes, we create clarity of vision.

By working as a team, we create alignment.



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Find friction with Value Stream Mapping

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Look outside with dependency mapping

Who else influences our value stream?

What regulations and compliance do we need to ensure is built into our process?

How to we create and maintain a culture of safety as we scale?

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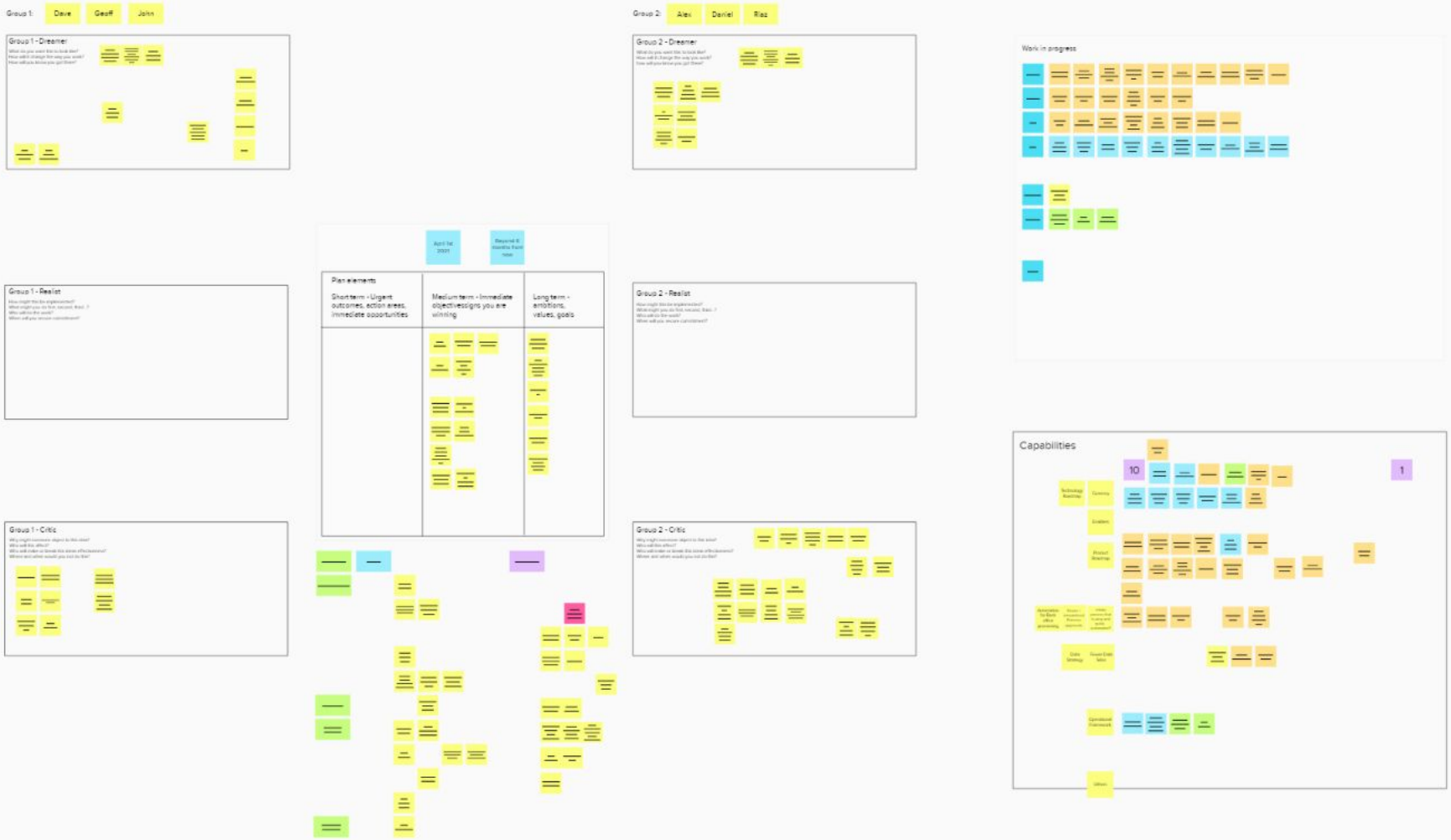
And looks into capability



What do we have?

What are we missing?

What will prevent us reaching our goals?

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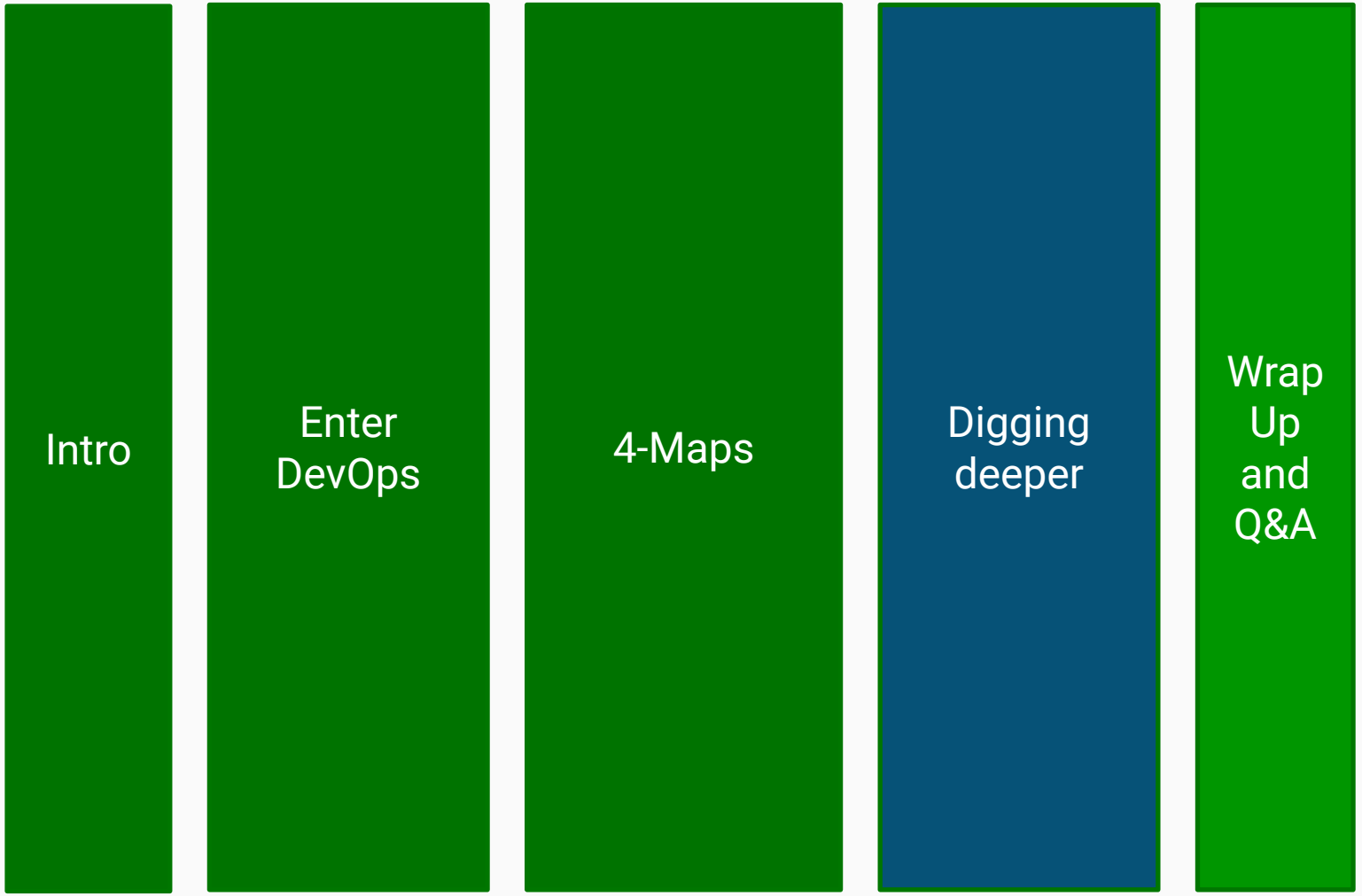

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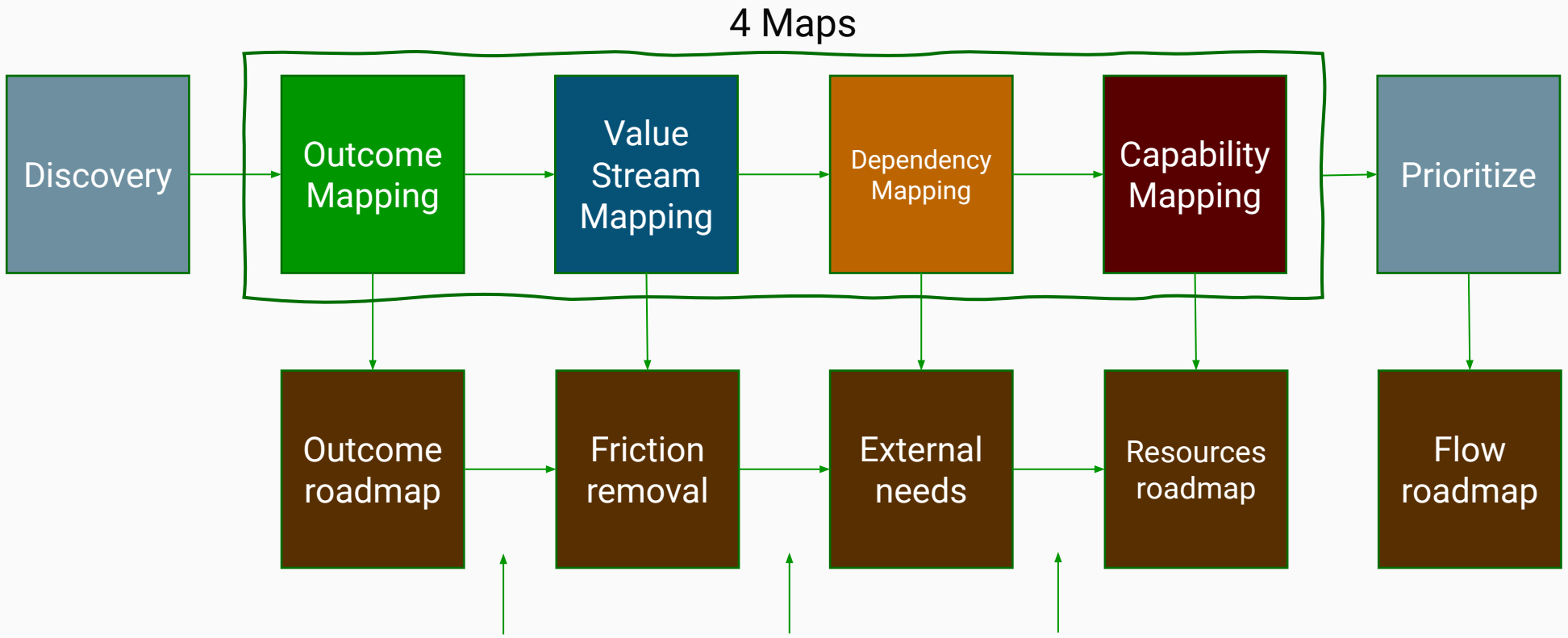
Order and context



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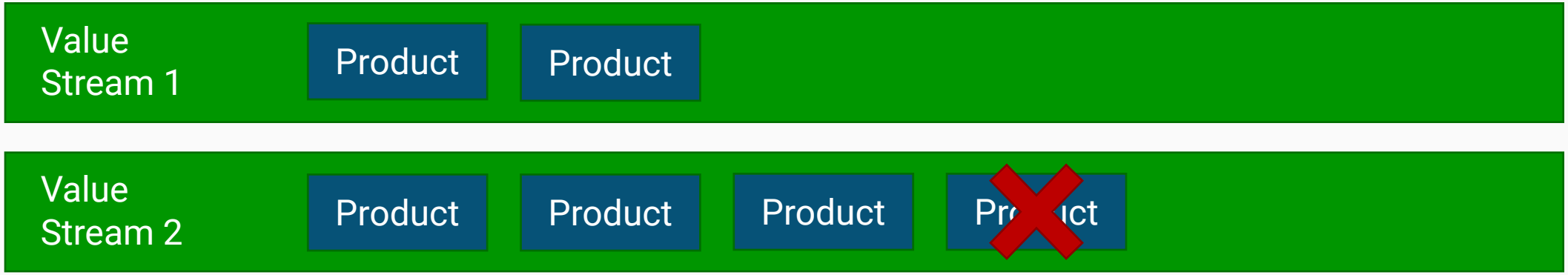
Great, I'm convinced, now what?



Flow Engineering on the Xodiac website:
https://xodiac.ca/services/flow-engineering

Value Stream Mapping on the Visible website:
https://visible.is

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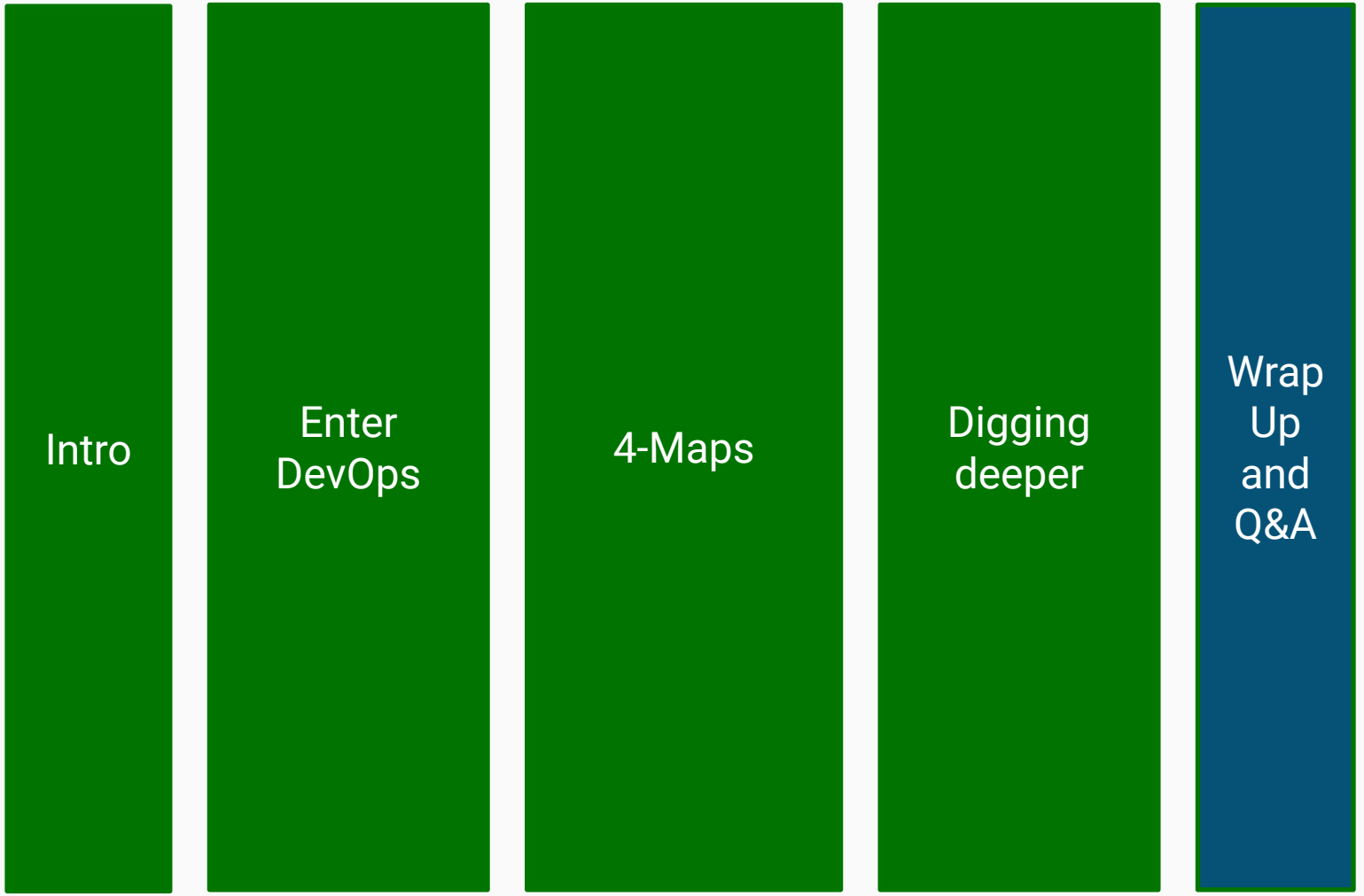

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4-Maps of DevOps

- Start with outcomes not solutions
- Plan for small, incremental changes
- The value is in the mapping not the map

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Fill out the (really, really) short feedback survey and join our e-mail list for access to more info and resources:

https://www.surveymonkey.com/r/H57DF7K

Thank you!

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