# Evolving a Legacy System w/ Architecture for Flow

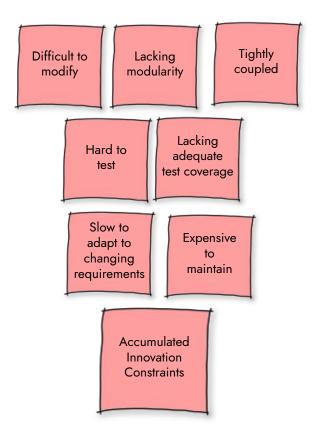
Susanne Kaiser Independent Tech Consultant

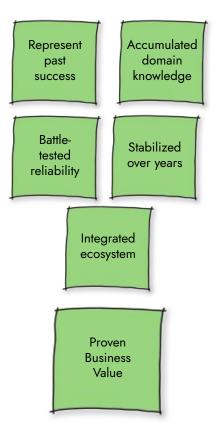
### Does Your Legacy System Spark Joy?



Image source: https://konmarie.com

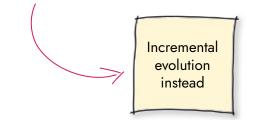
#### The Paradox of Legacy Systems



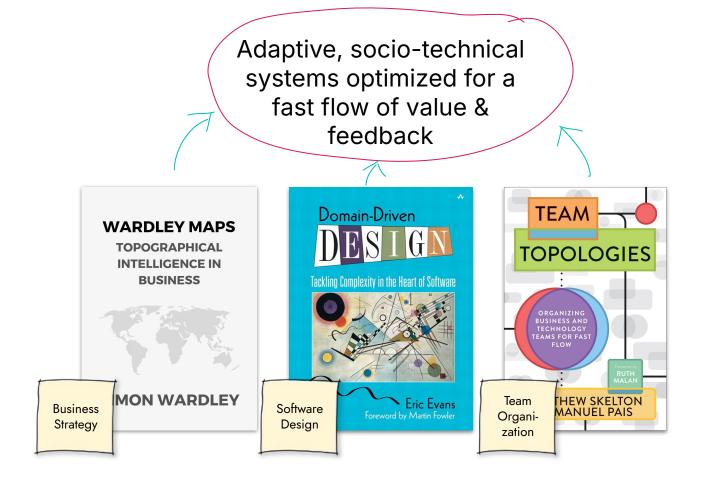


#### How to Handle Legacy Systems?

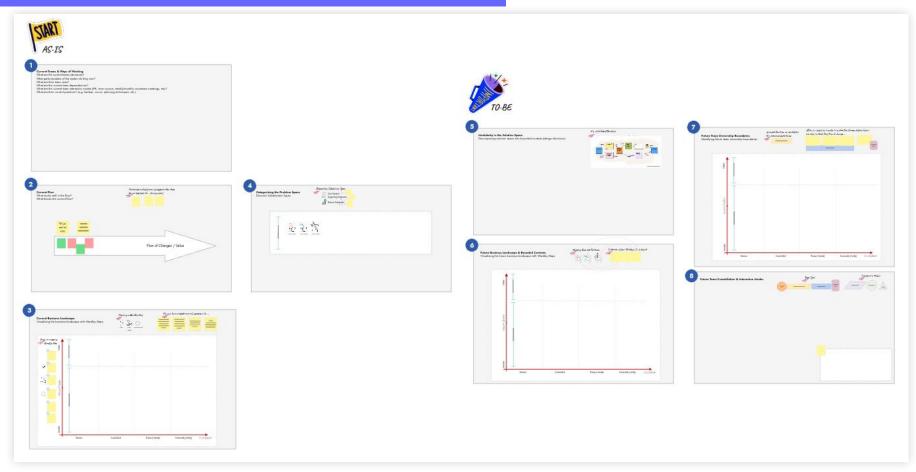
Big-bang replacement is not just expensive. It's risky!



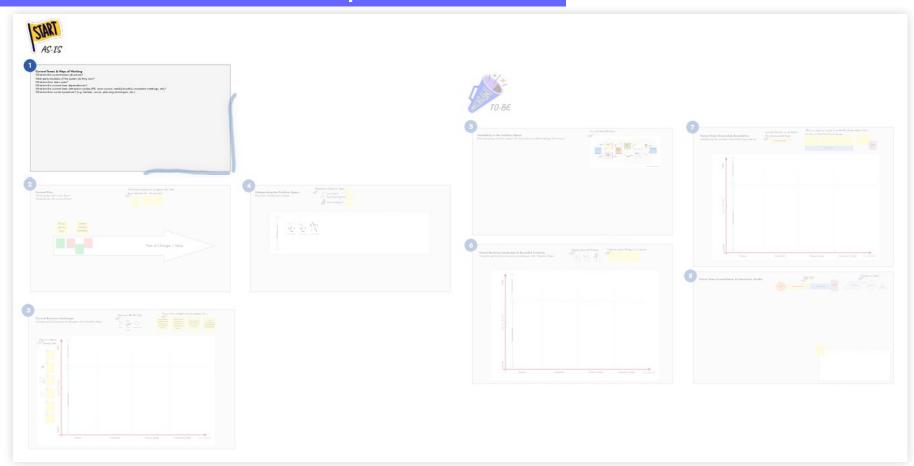
#### Evolving a Legacy System w/ Architecture for Flow



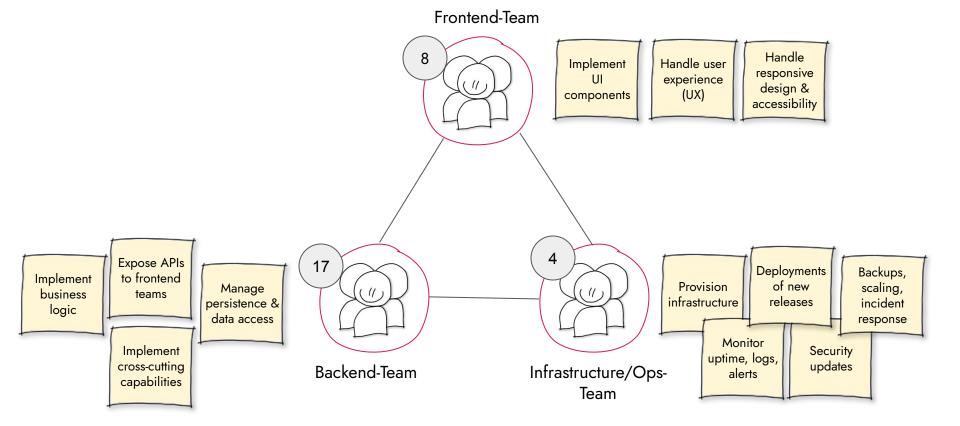
#### Architecture for Flow Canvas



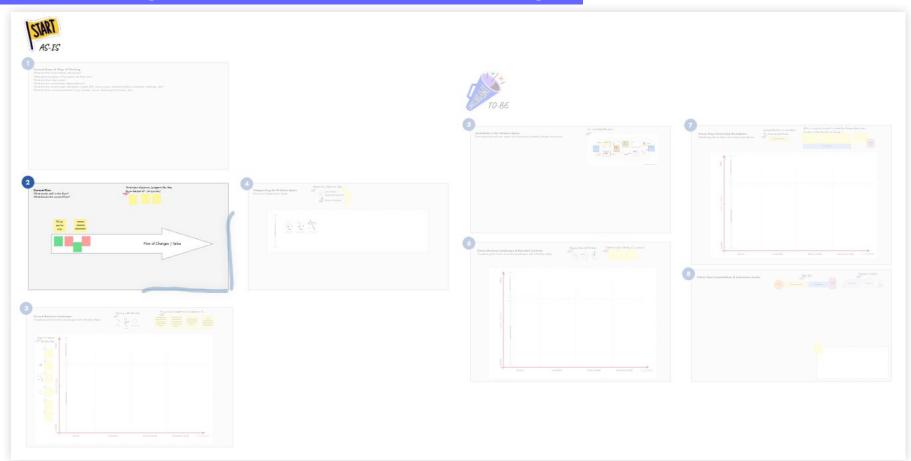
### **Current Teams & Dependencies**



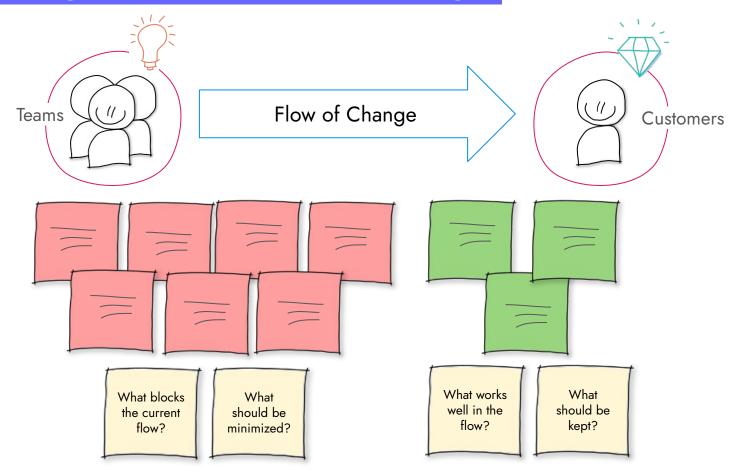
#### **Current Teams & Dependencies**

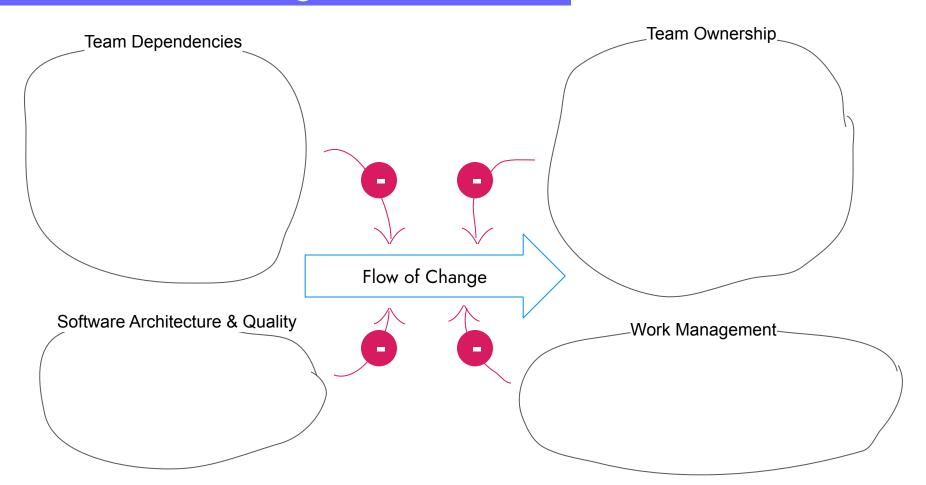


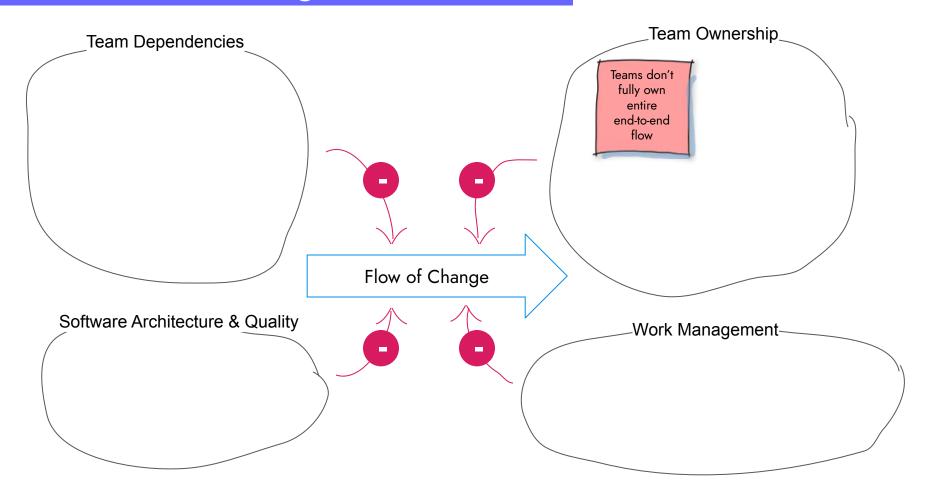
#### Assessing Current Flow of Change

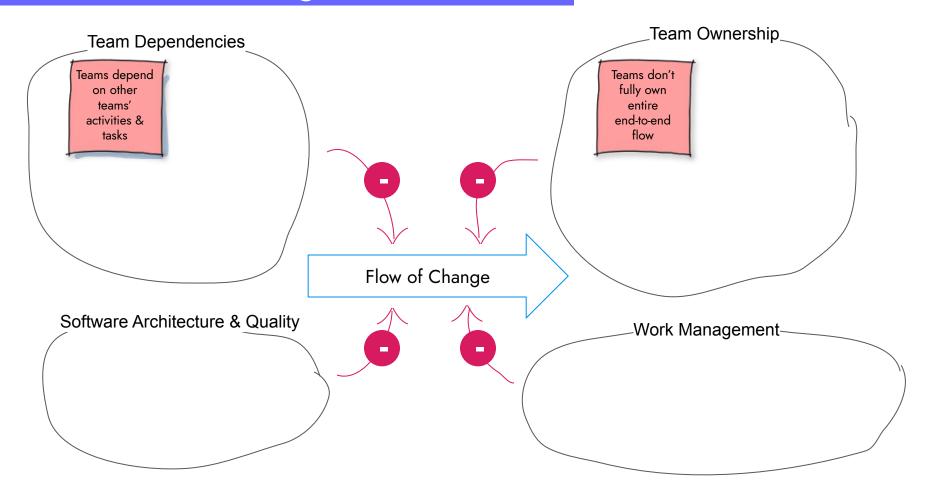


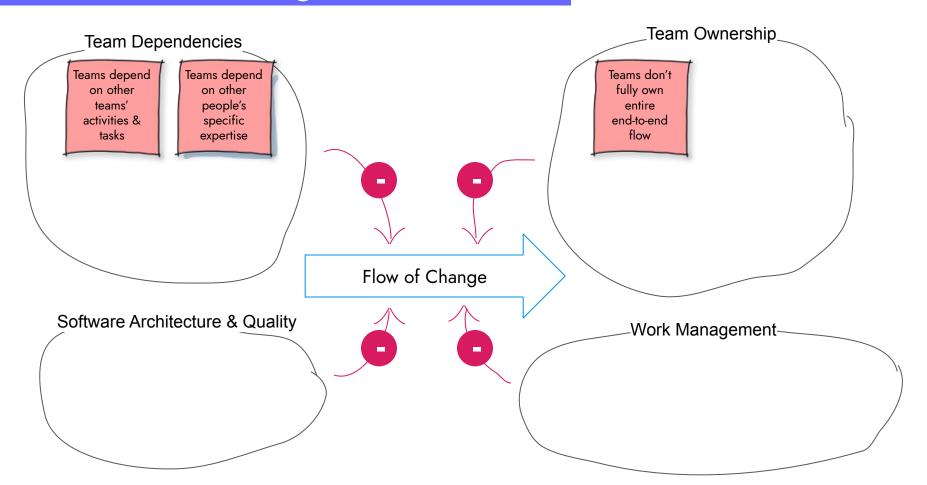
### Assessing Current Flow of Change

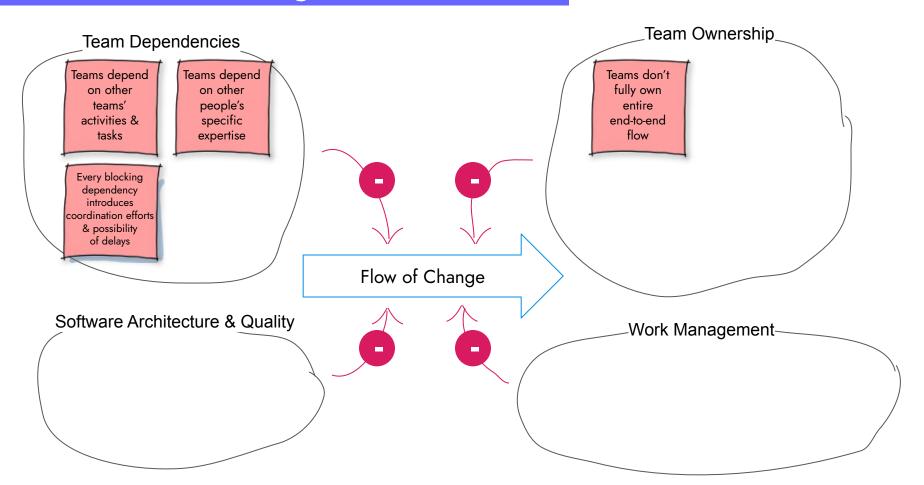


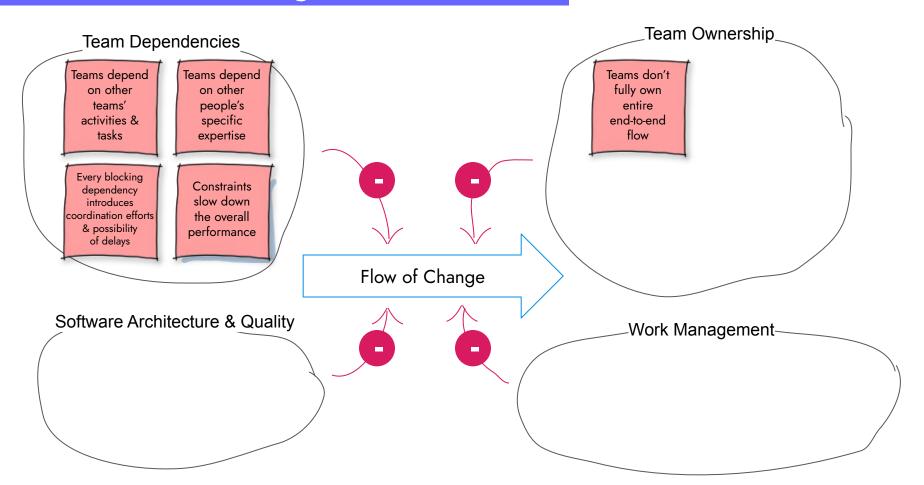


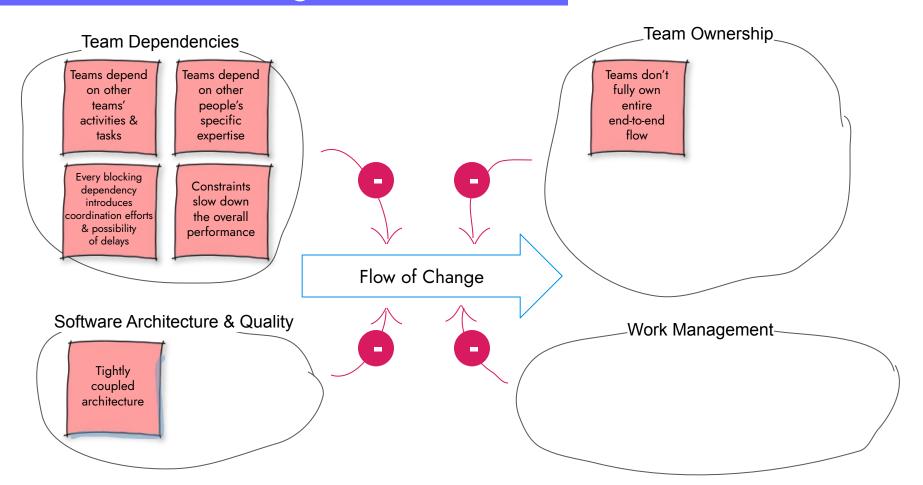


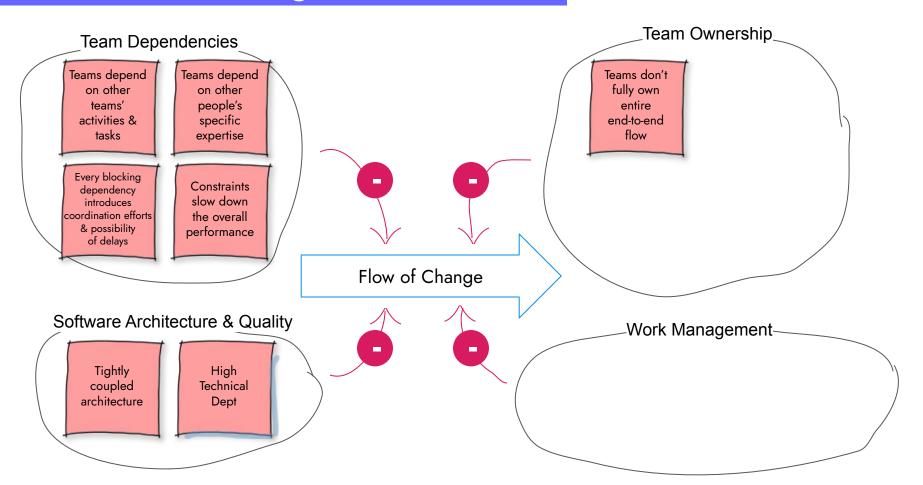


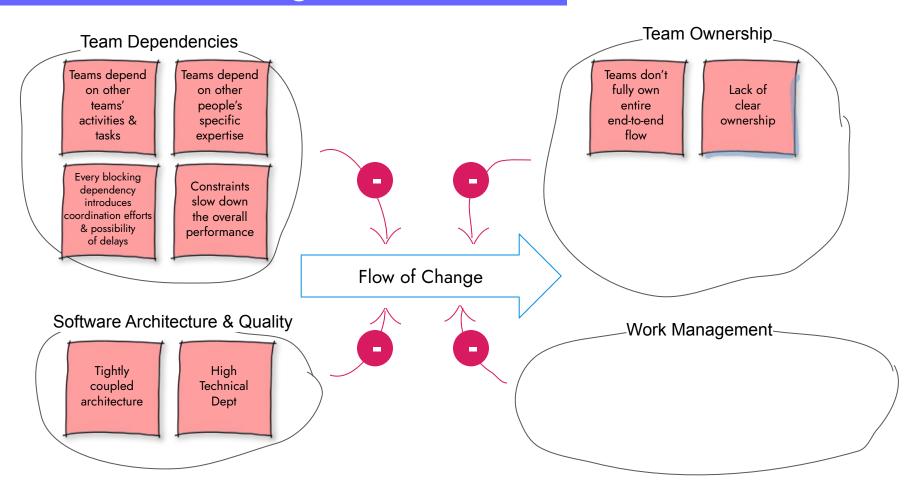


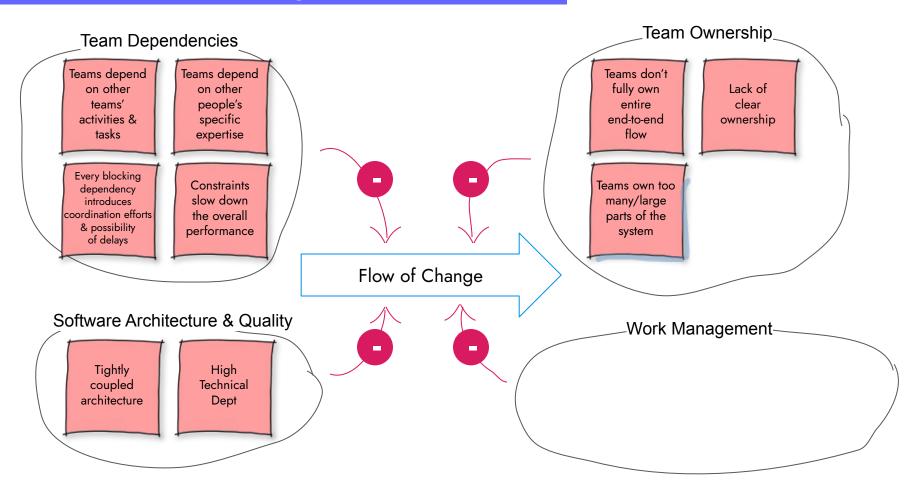


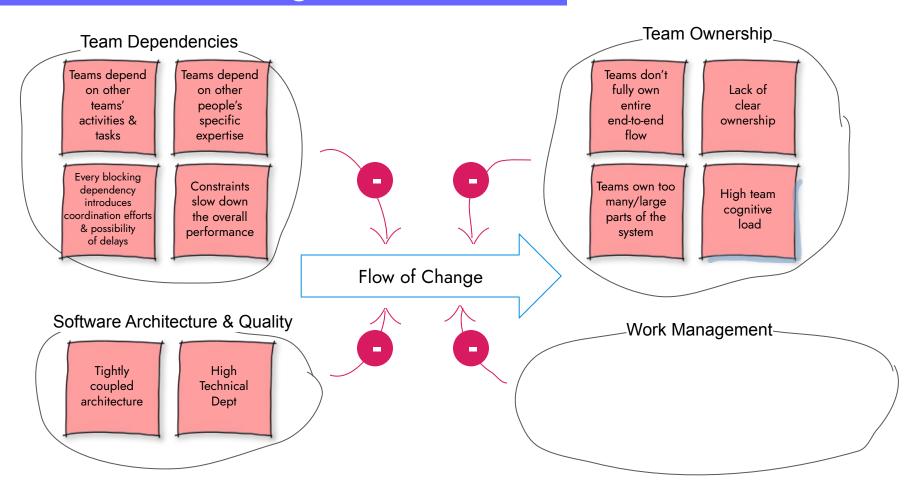


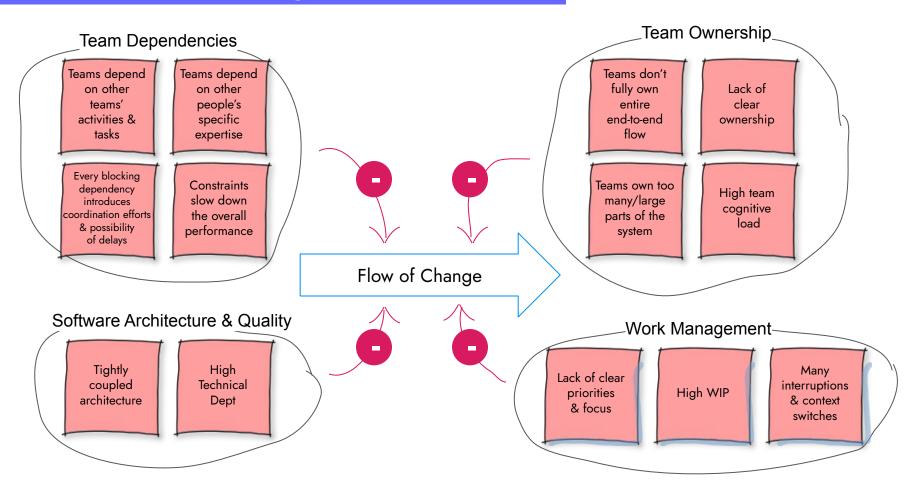


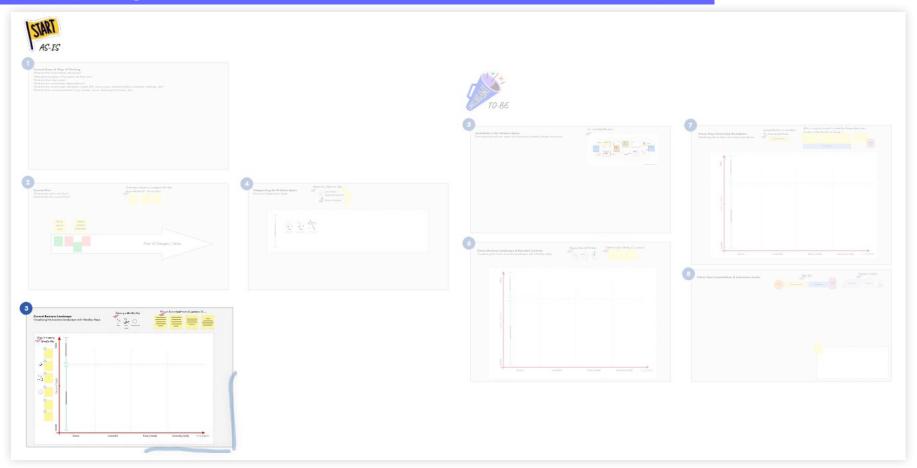




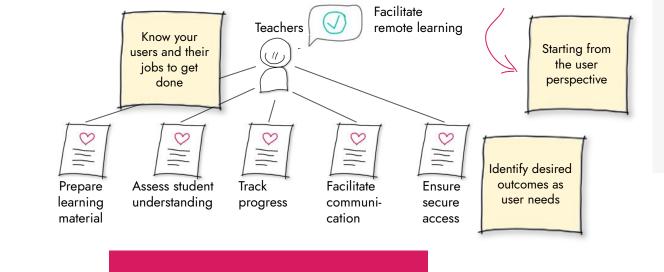








Problem Space.



#### WARDLEY MAPS

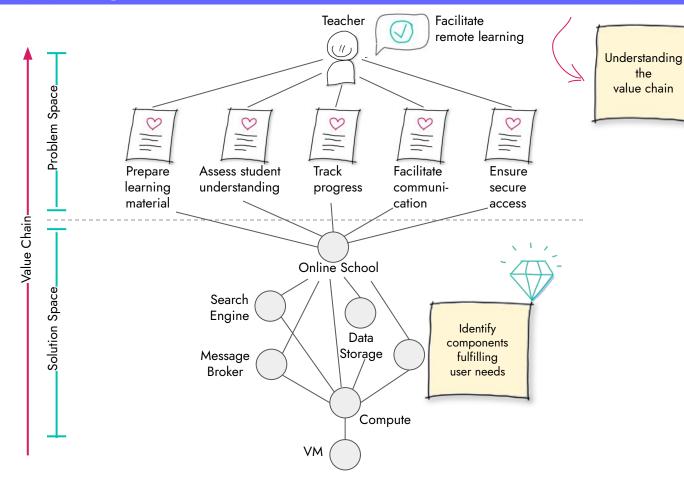
TOPOGRAPHICAL INTELLIGENCE IN BUSINESS



**SIMON WARDLEY** 

"People buy products and services to get a job done."

Clayton Christensen

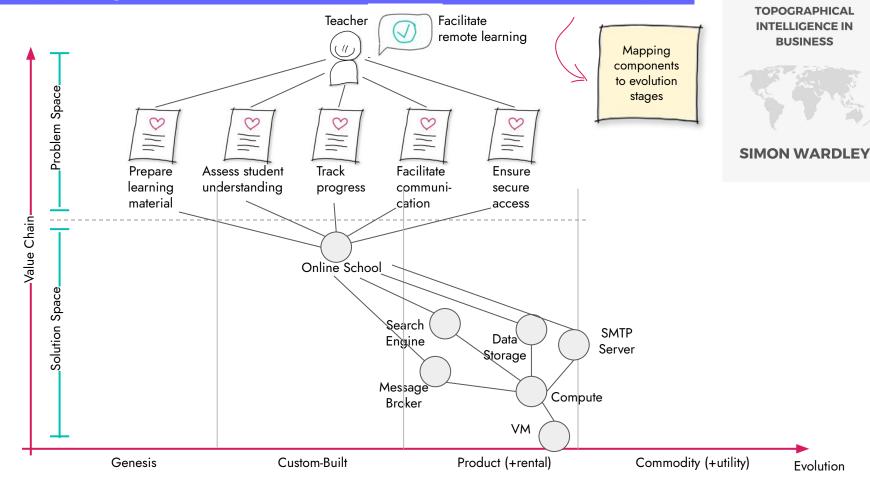


#### WARDLEY MAPS

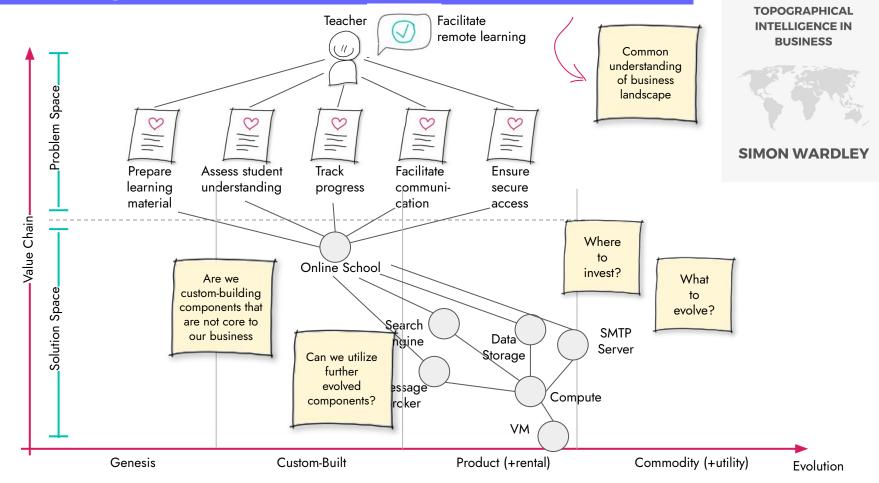
TOPOGRAPHICAL INTELLIGENCE IN BUSINESS



SIMON WARDLEY

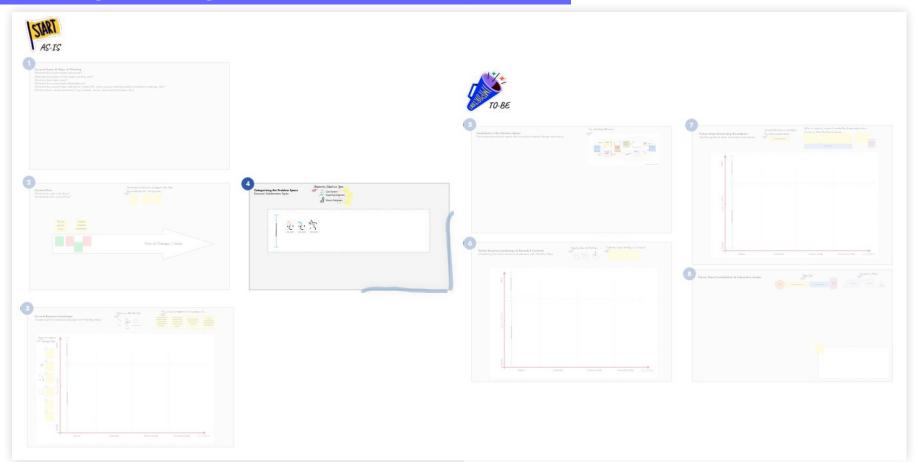


WARDLEY MAPS

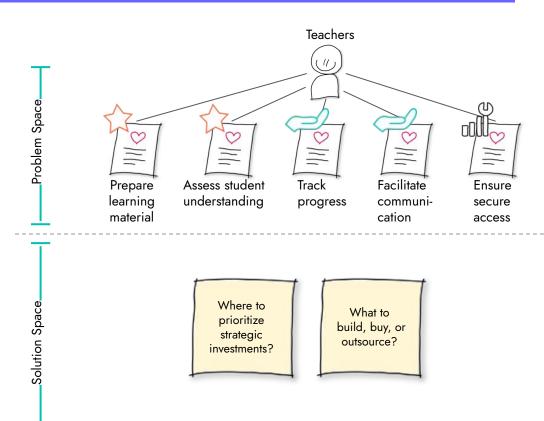


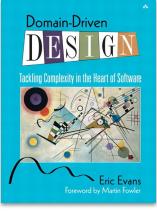
WARDLEY MAPS

#### Categorizing the Problem Space

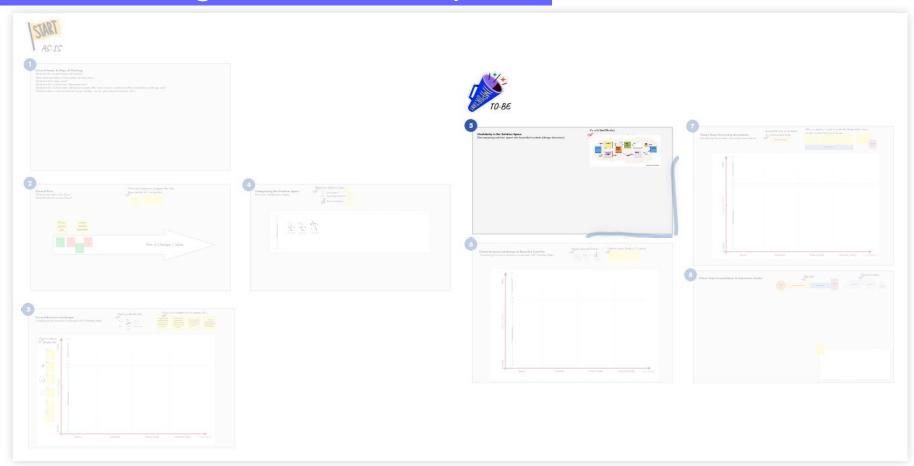


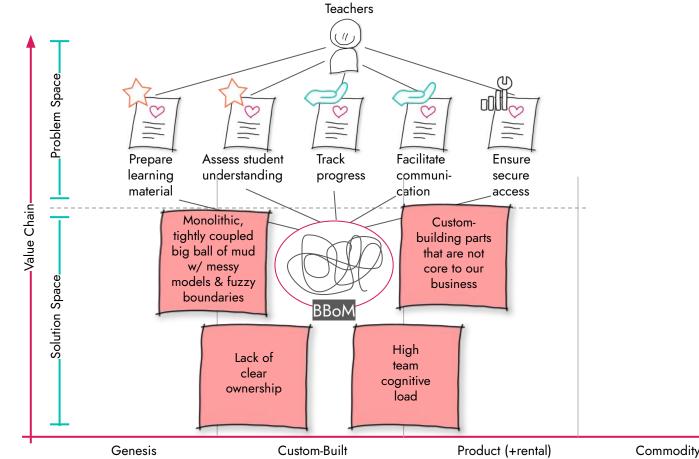
## Categorizing the Problem Space





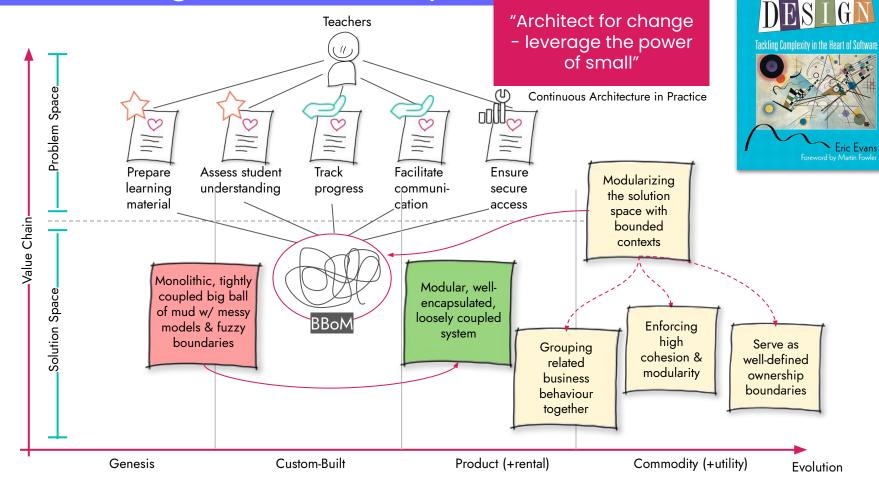
Core Domain Supporting Subdomain Generic Subdomain



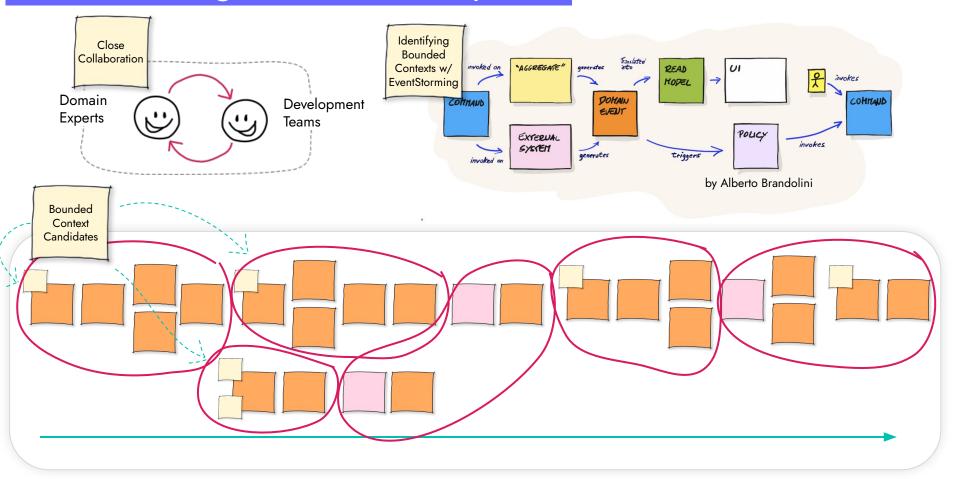


Commodity (+utility)

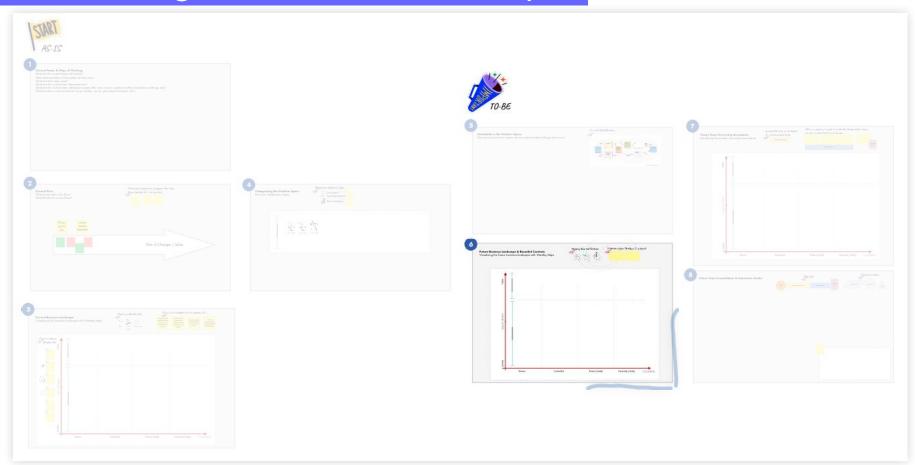
Evolution



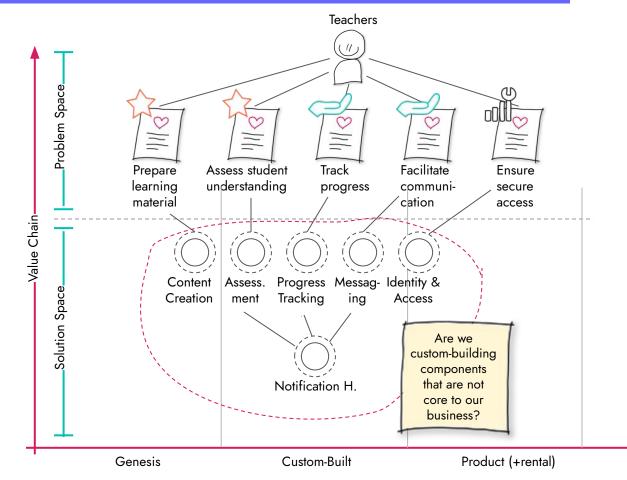
Domain-Driven



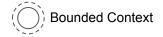
#### Envisioning the Future Landscape



# Envisioning the Future Landscape



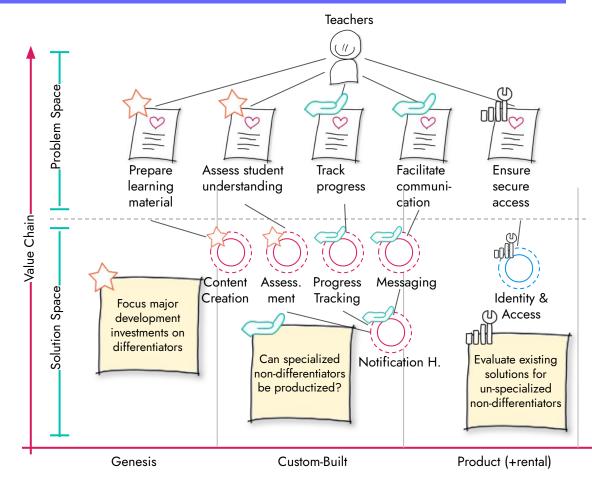
Core Domain Supporting Subdomain Generic Subdomain



Evolution

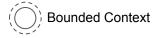
Commodity (+utility)

# Envisioning the Future Landscape



Build in-house
Use/buy off-the-shelf
Outsource to utility suppliers
Core Domain

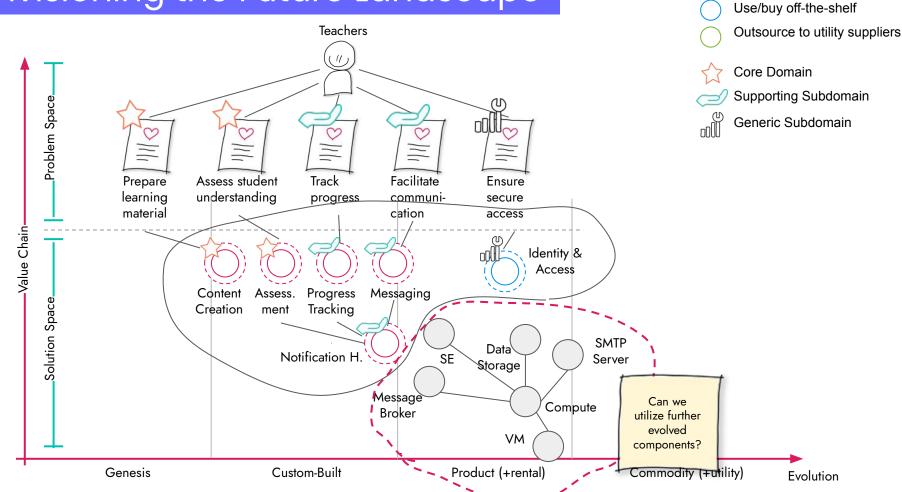
Supporting Subdomain



Commodity (+utility)

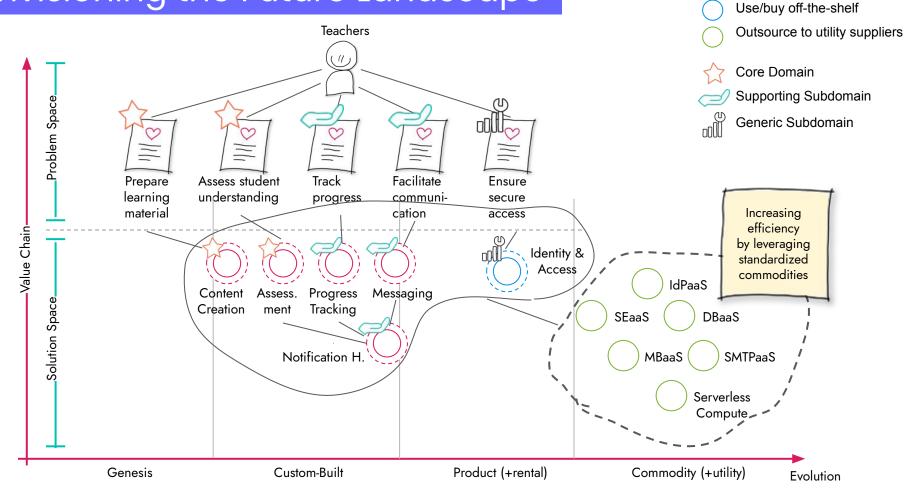
Evolution

# Envisioning the Future Landscape



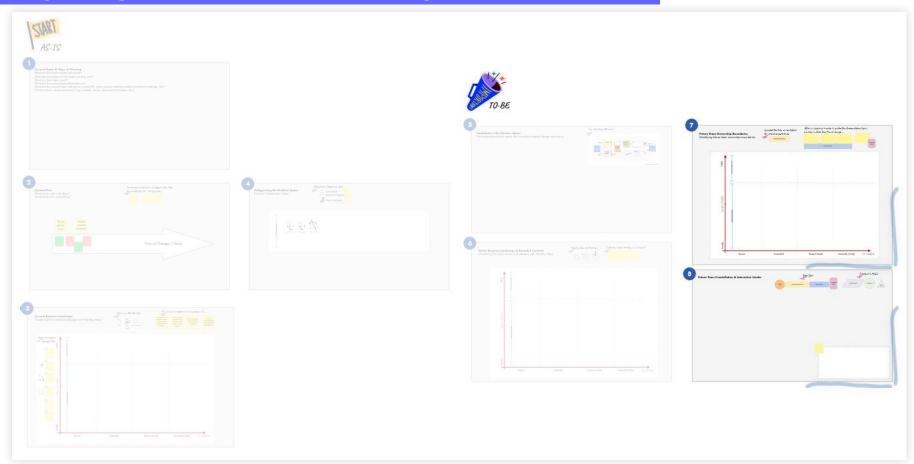
Build in-house

# Envisioning the Future Landscape

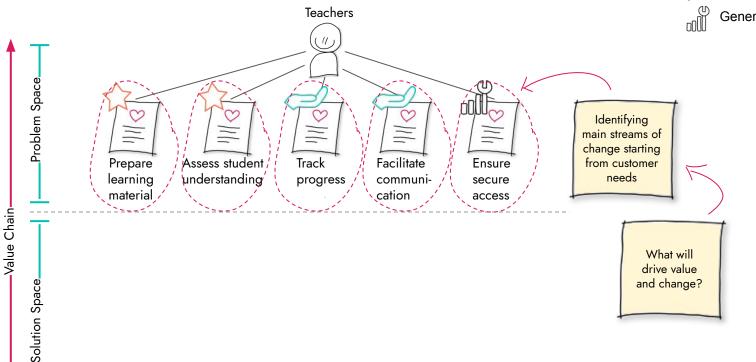


Build in-house

# Aligning Teams & Evolving Interactions

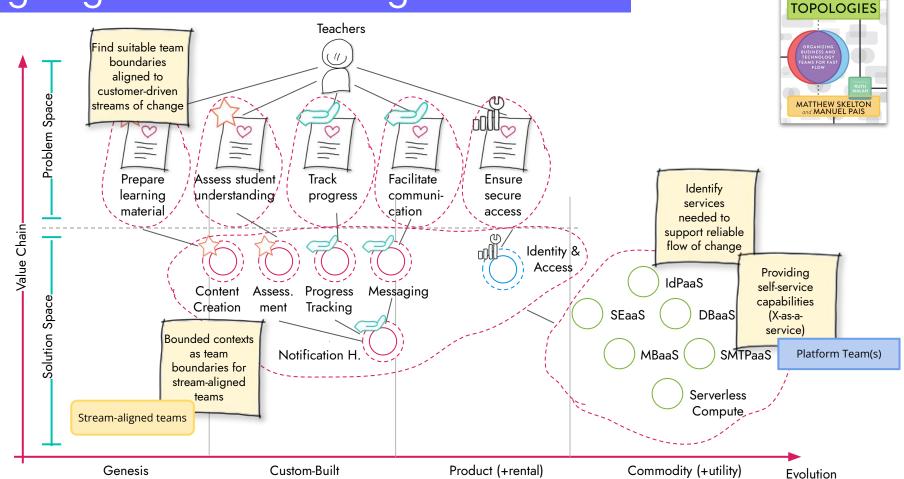


# Aligning Teams & Evolving Interactions



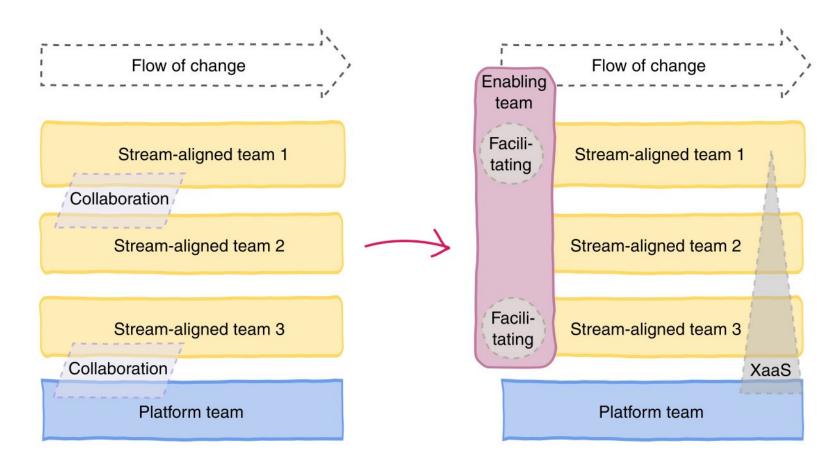
Core Domain
Supporting Subdomain
Generic Subdomain

# Aligning Teams & Evolving Interactions

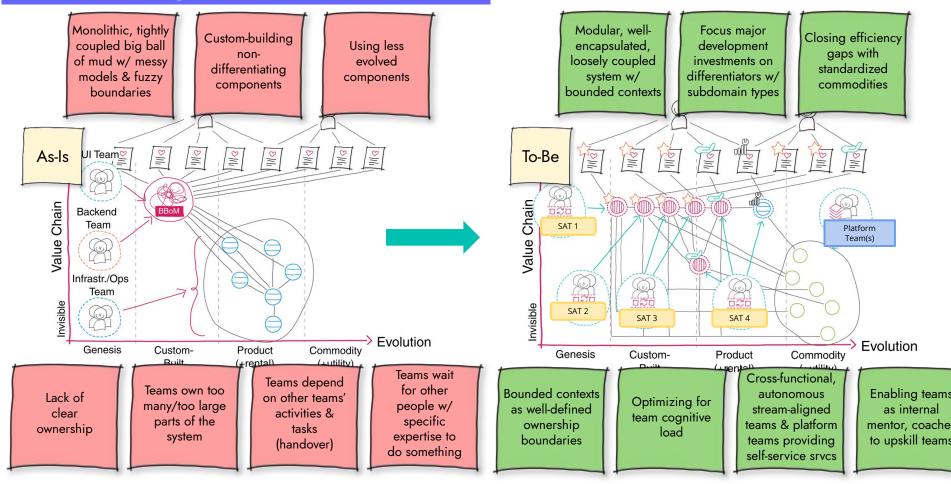


TEAM

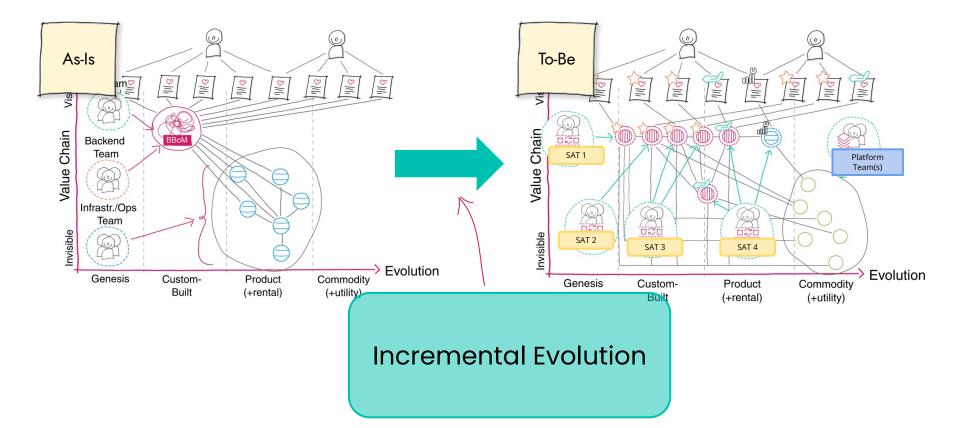
## **Evolving Team Interactions**

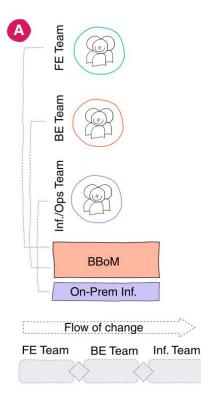


# Unlocking Blockers to Flow

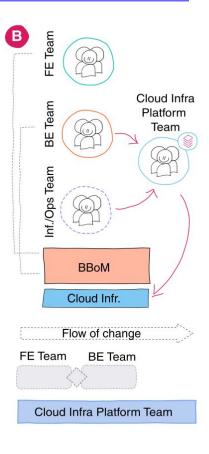


#### How to Transition?

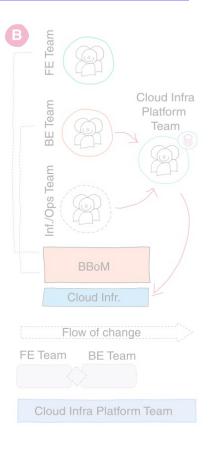


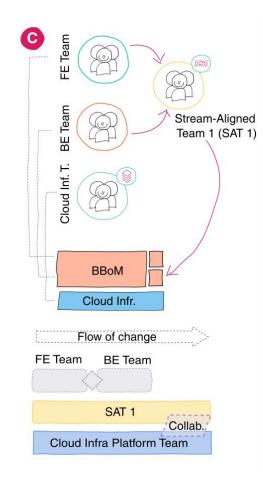


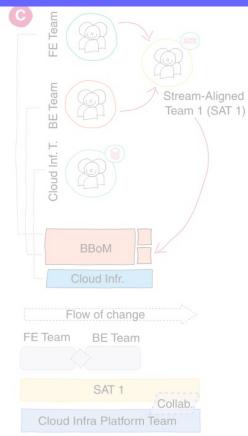


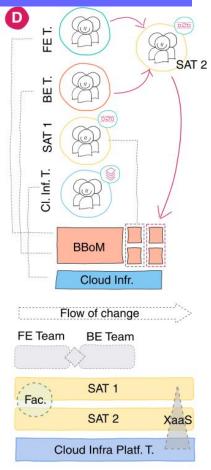


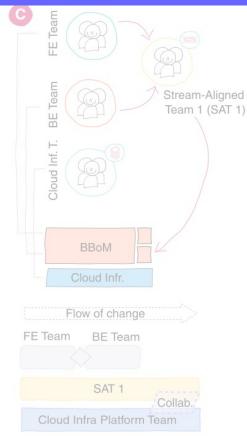


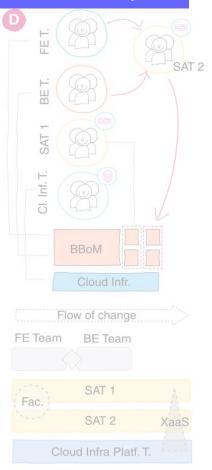


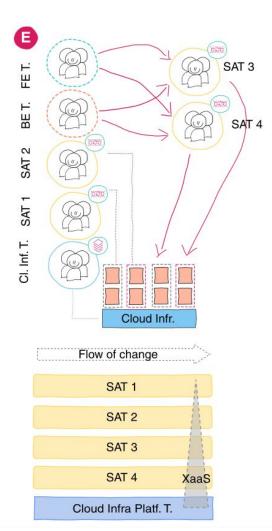




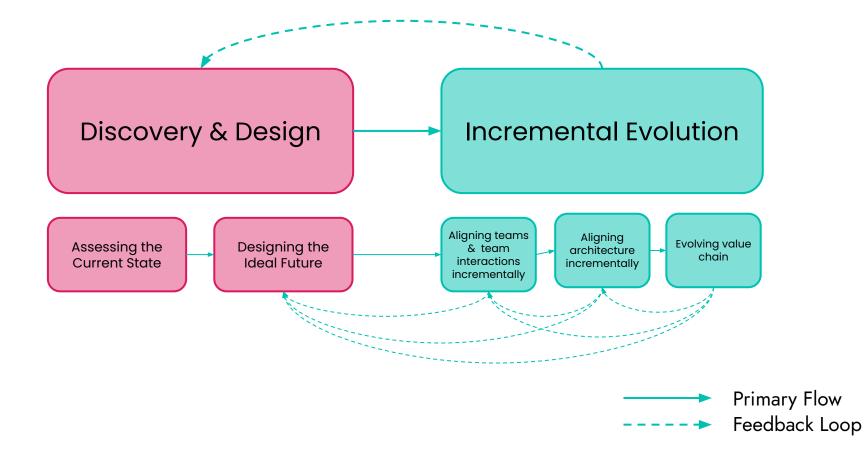


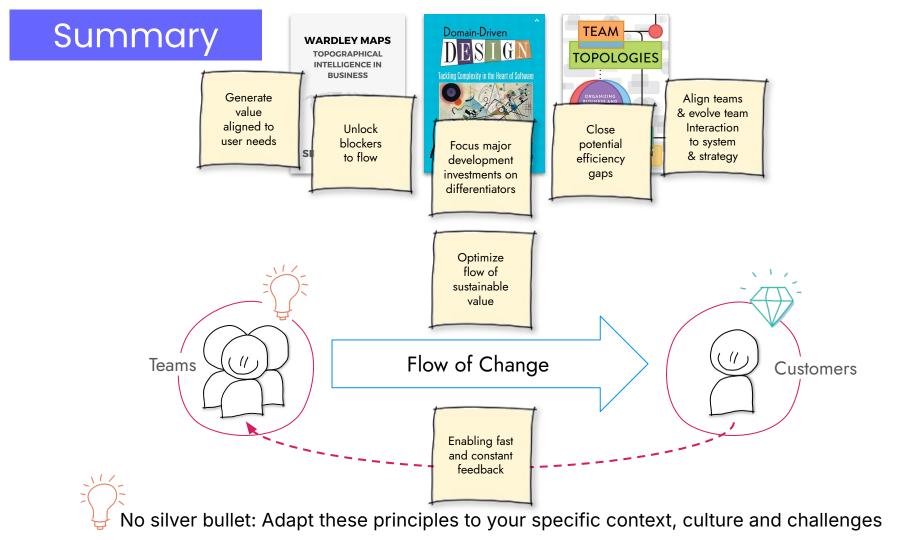






#### An Adaptive, Iterative Process

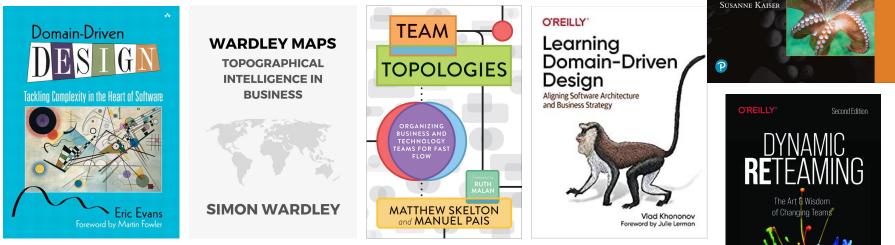




## Evolve your Legacy System with Gratitude

#### Ressources

Architecture for Flow Canvas <u>https://susannekaiser.net/architecture-for-flow-canvas/</u> Case Study <u>https://ninasiessegger.de/en/blog/re-teaming-for-faster-flow</u>



https://medium.com/wardleymaps https://learnwardleymapping.com/ https://github.com/wardley-maps-community/awesome-wardley-maps https://github.com/ddd-crew https://www.dddheuristics.com ARCHITECTURE

Heidi Helfand

Forewords by John Cutler & Diana Larsen

for FLOW

ADAPTIVE SYSTEMS WITH

Domain-Driven Design, Wardley Mapping.

AND TEAM TOPOLOGIES

# Thank you!

#### Susanne Kaiser

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