

# Adaptive Socio-Technical Systems w/ Architecture for Flow

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## What do these companies have in common?



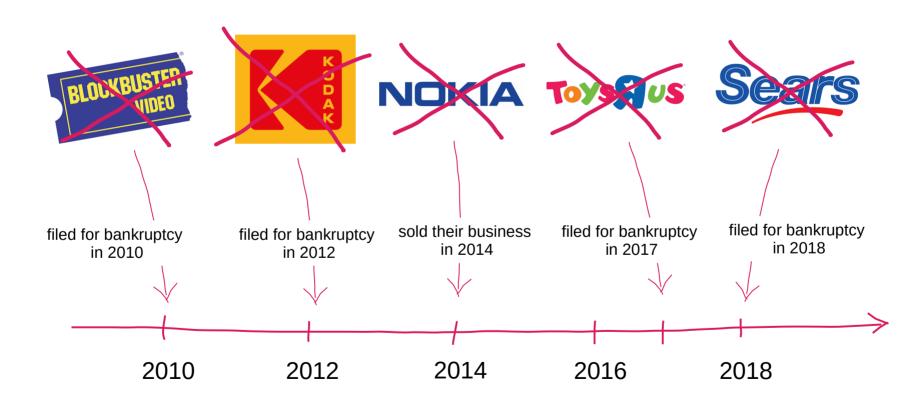


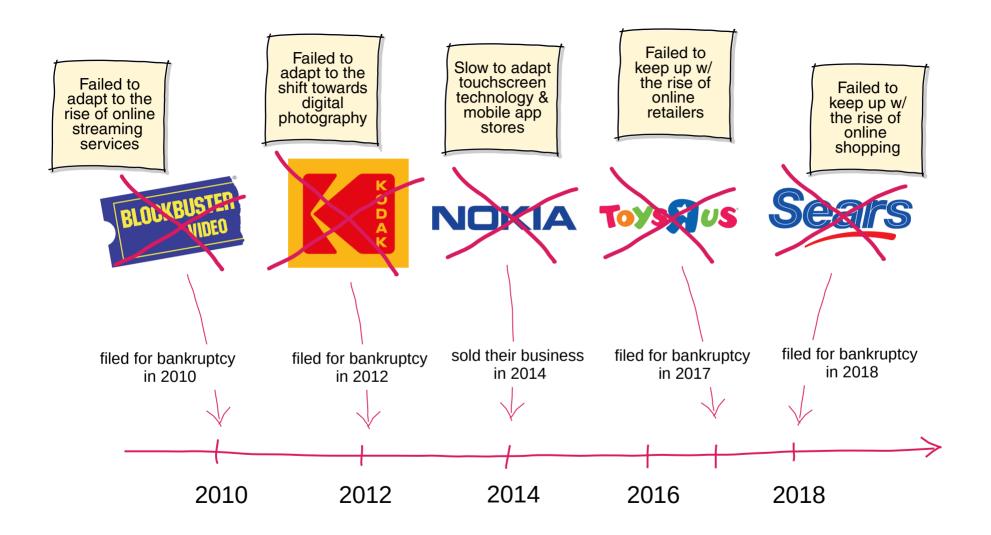


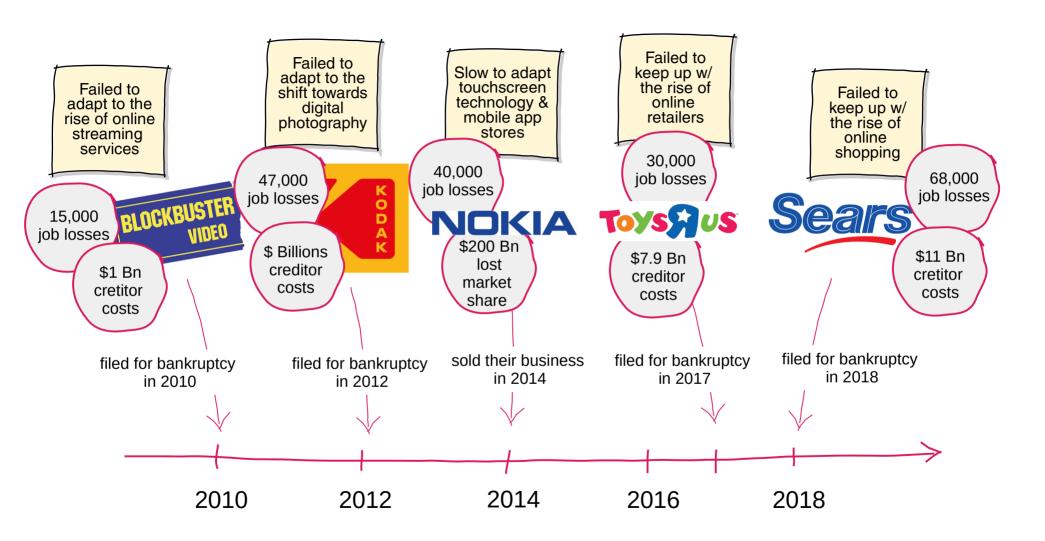


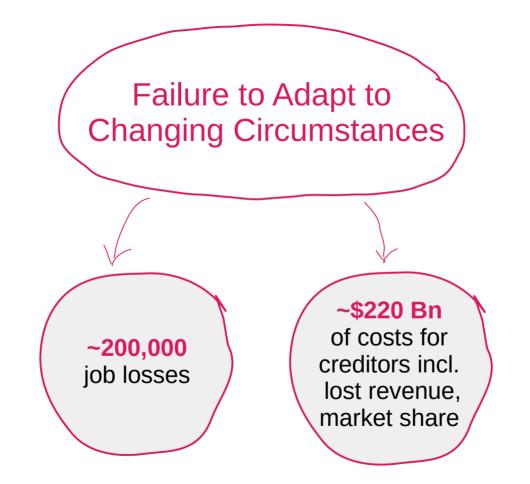












How to design systems that can evolve and thrive in the face of constant change?

Organizations have to continously adapt and evolve to remain competitive

How to design systems that can evolve and thrive in the face of constant change?

Understanding the business landscape and external forces to design effective strategies

Knowing the business domain & closely align system to business needs Aligning teams and evolving their interactions to the system & strategy How to design systems that can evolve and thrive in the face of constant change?

Understanding the business landscape and external forces to design effective strategies

**Wardley Mapping** 

Knowing the business domain & closely align system to business needs

Domain-Driven Design

Aligning teams and evolving their interactions to the system & strategy

Team Topologies

# Example: Online School

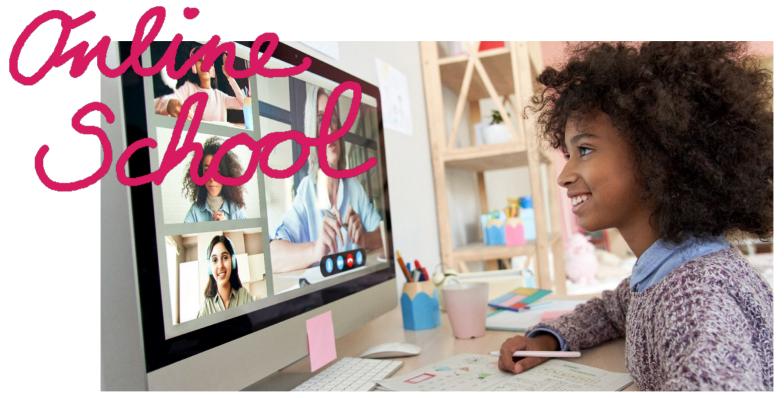
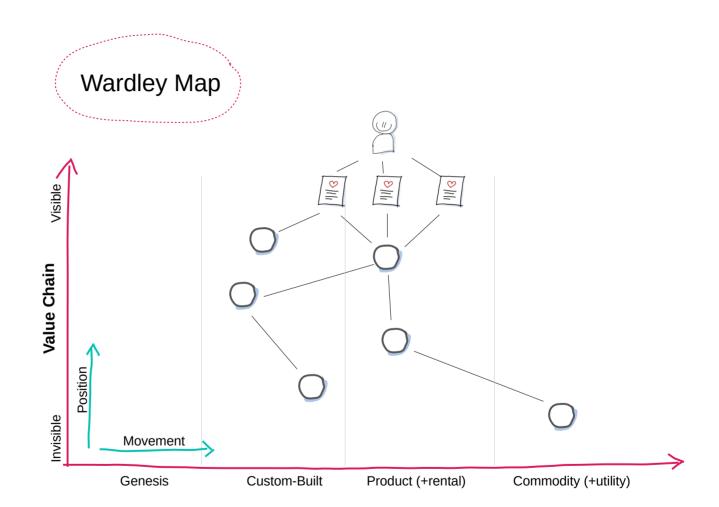
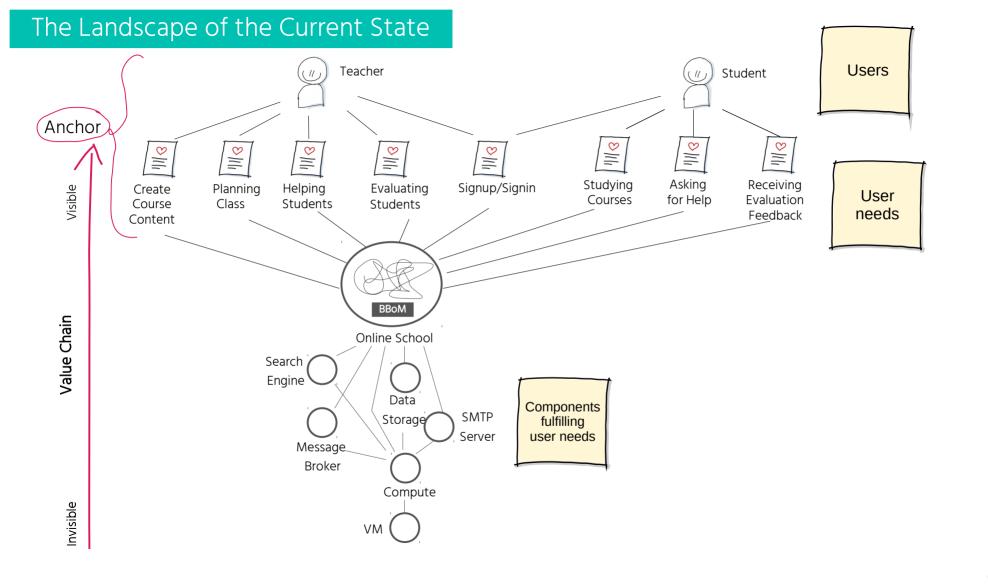


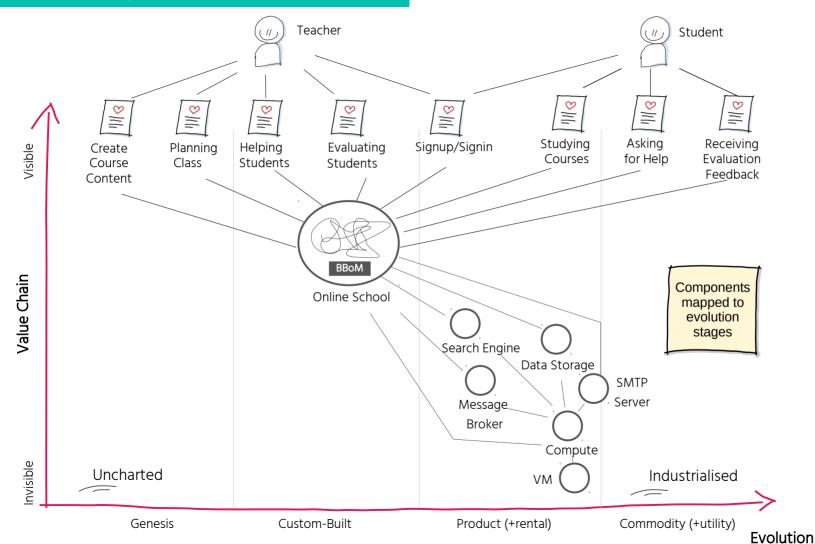
Image source: https://www.food-management.com

Understanding the business landscape

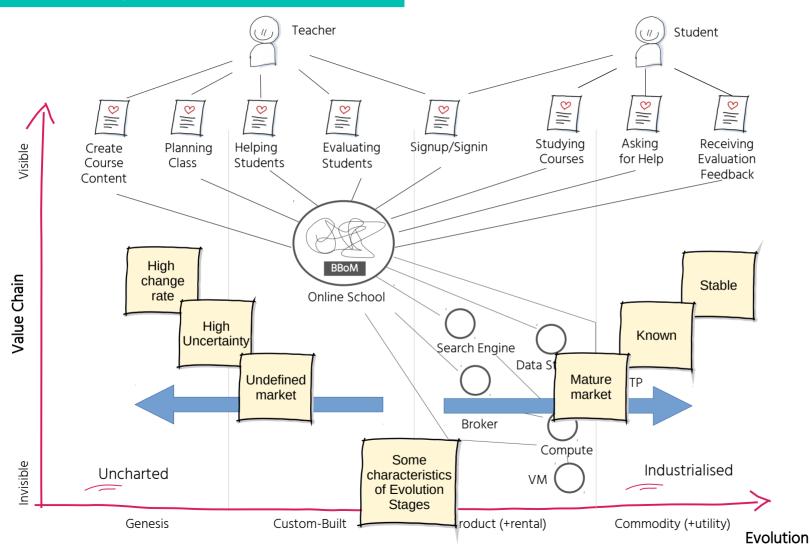




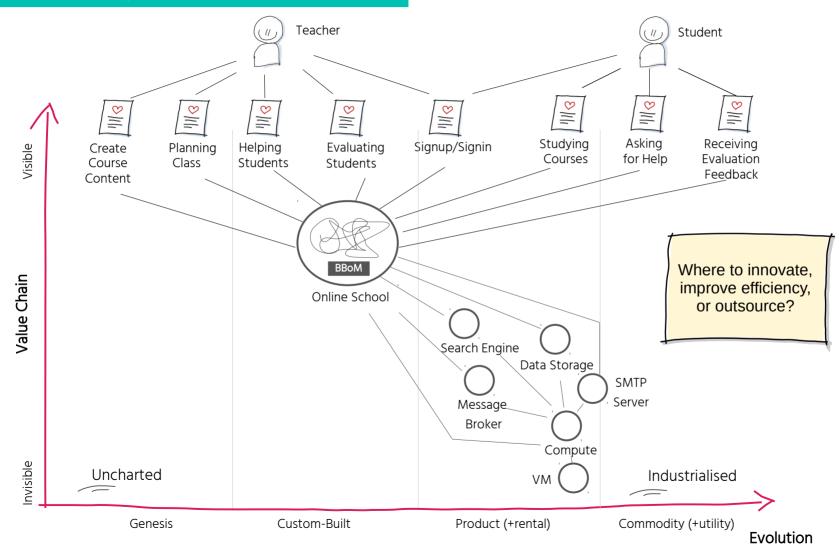
# The Landscape of the Current State

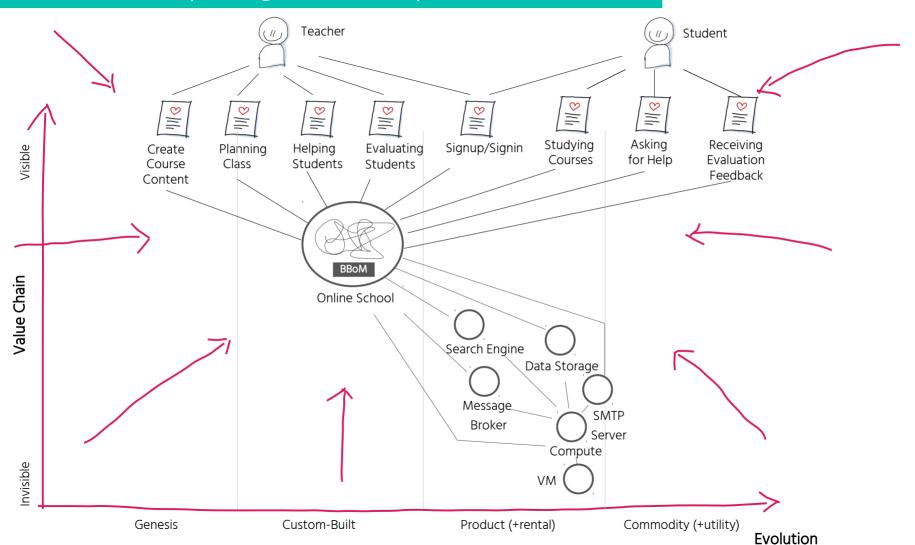


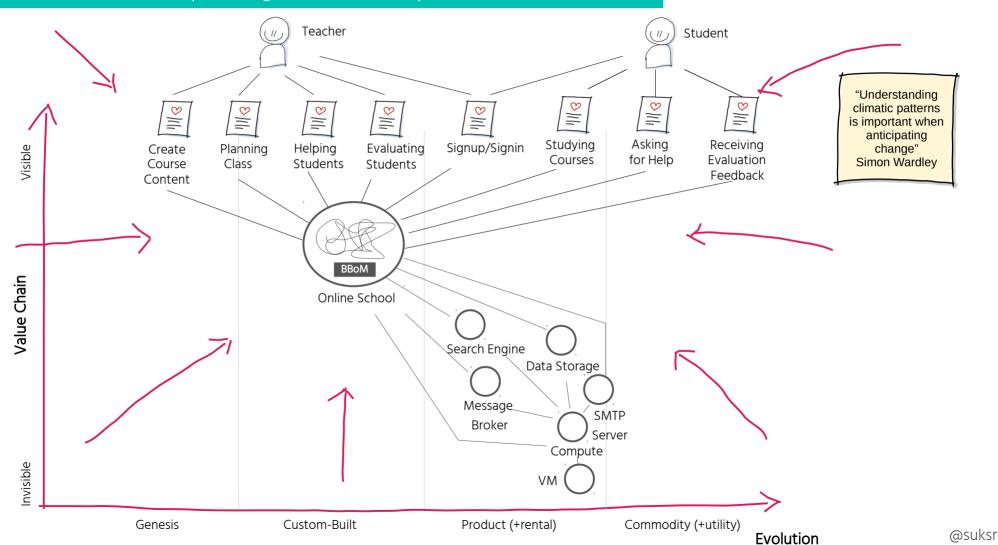
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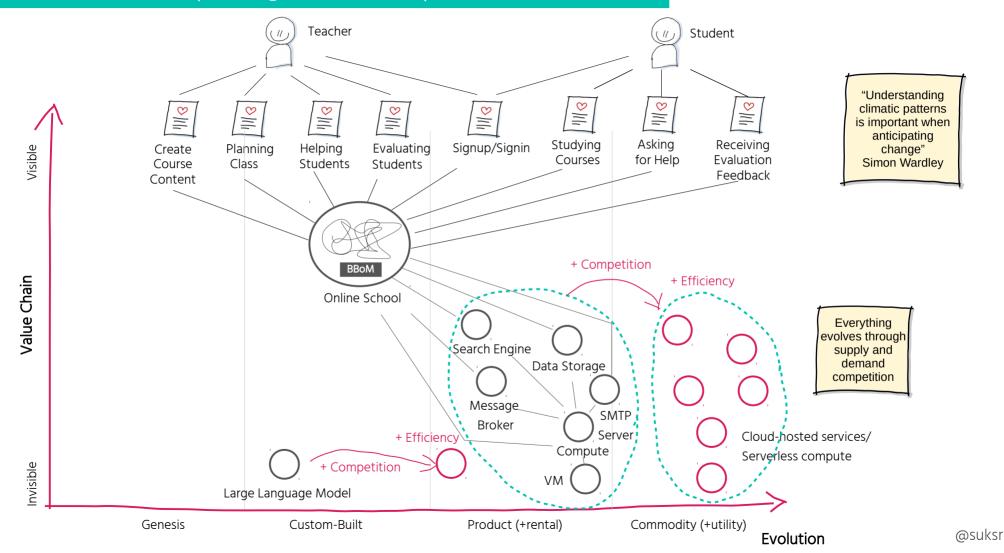


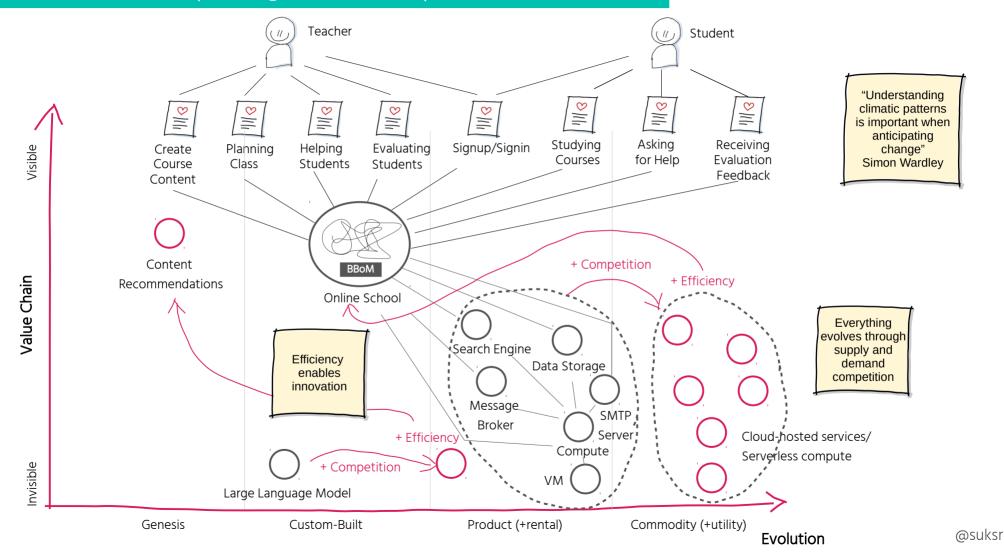
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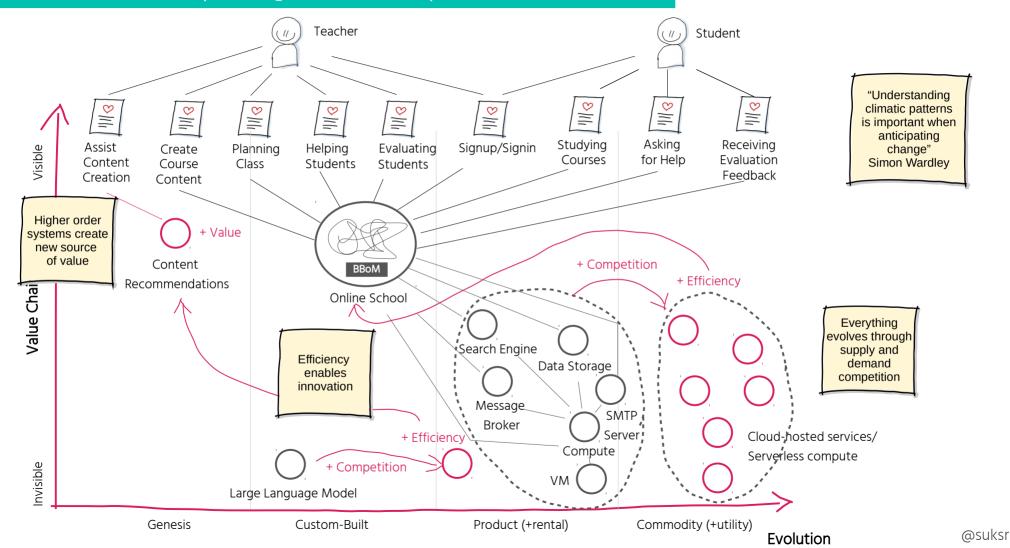




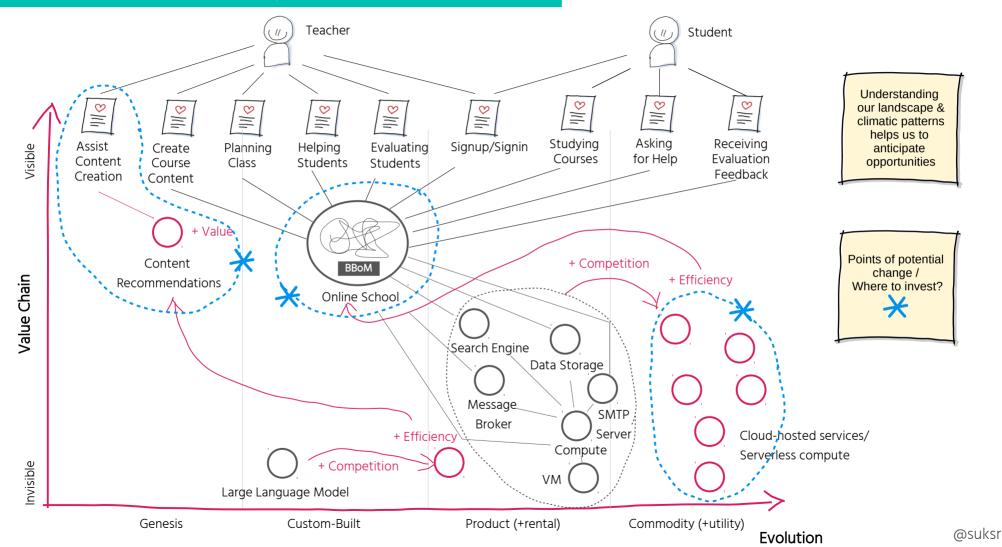


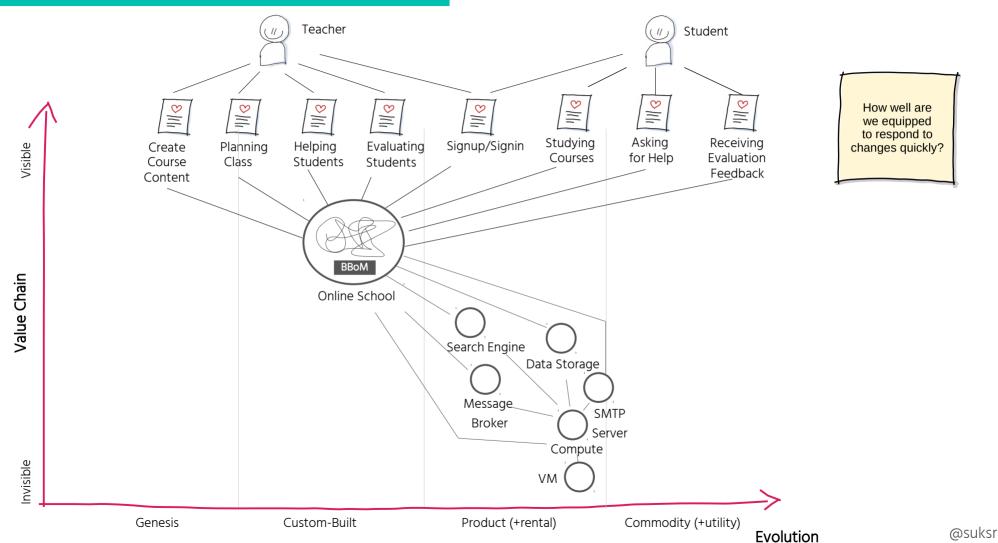


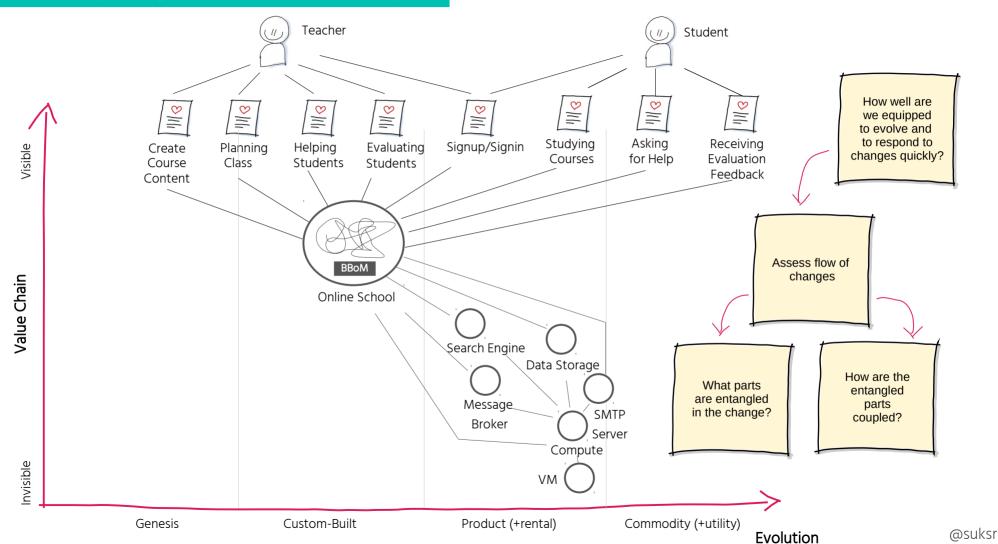


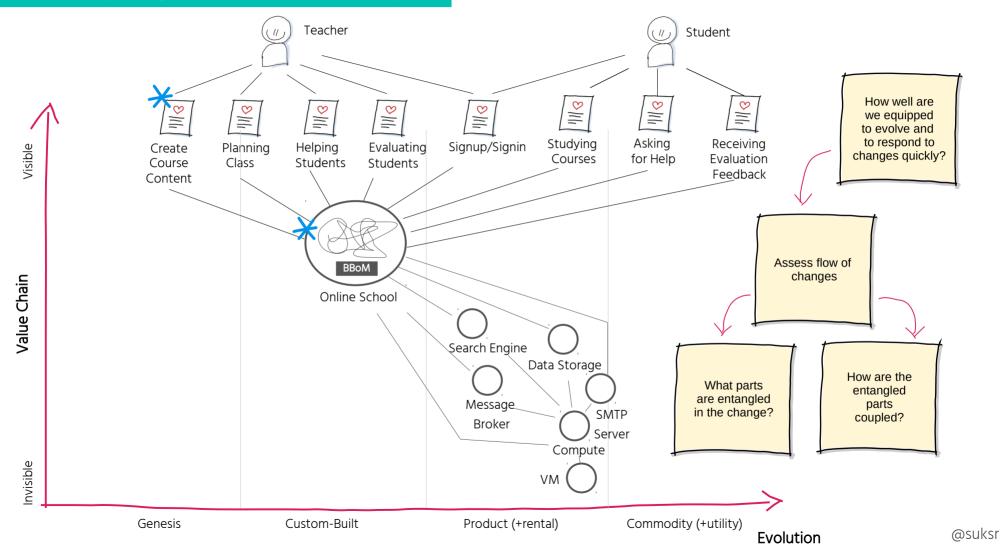


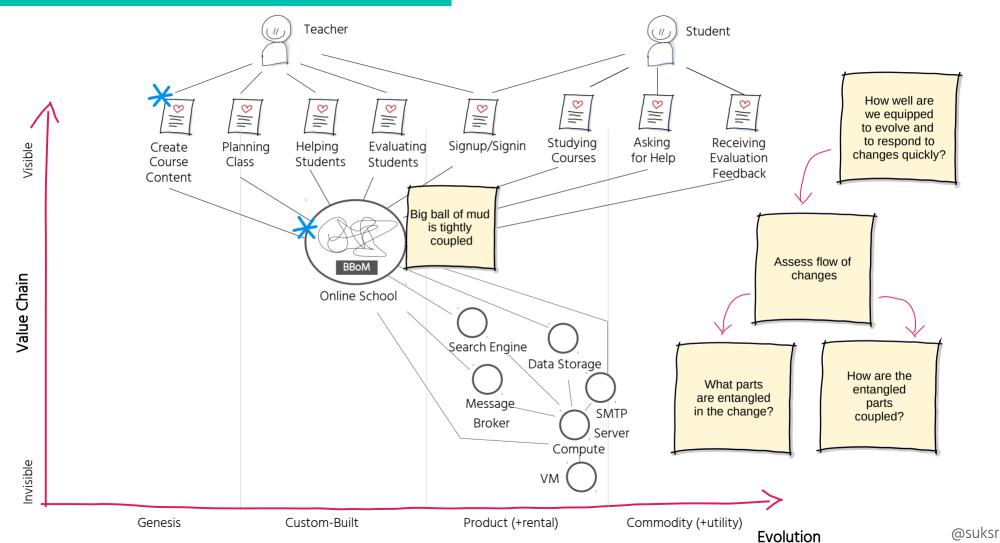
#### Understanding Landscape & Climatic Patterns

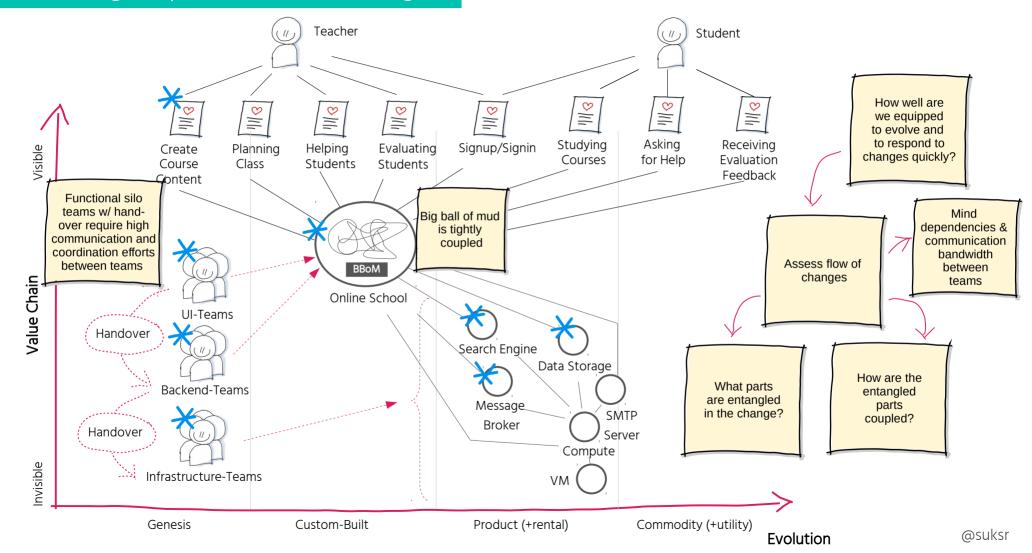


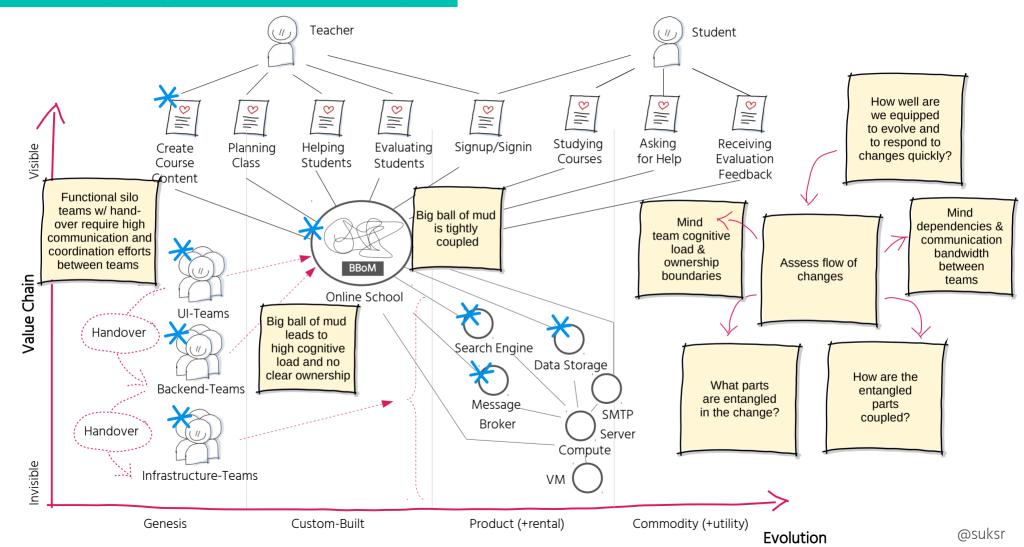


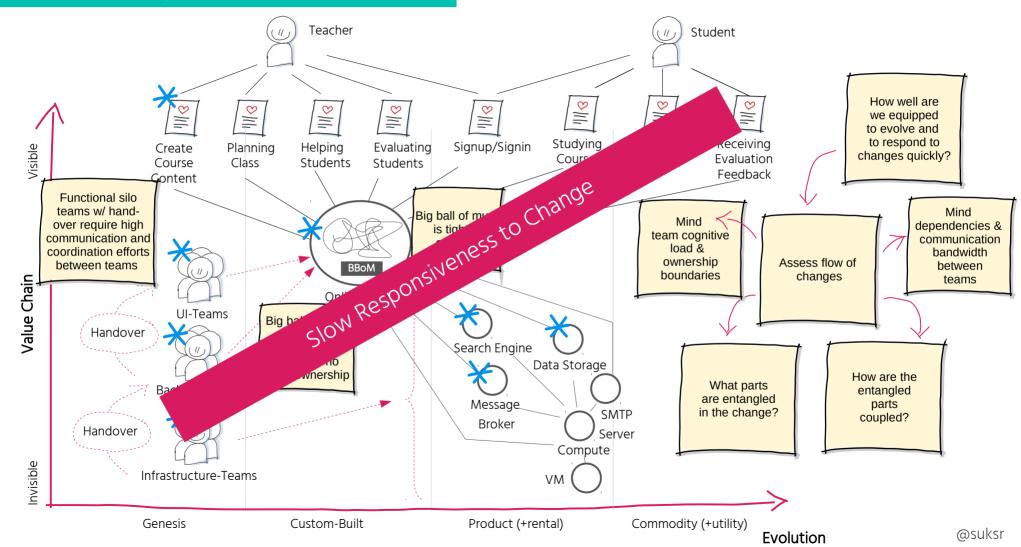




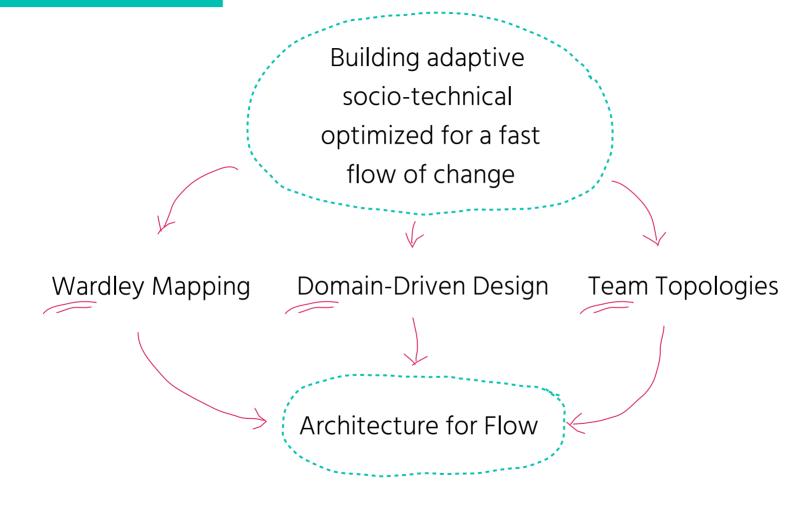




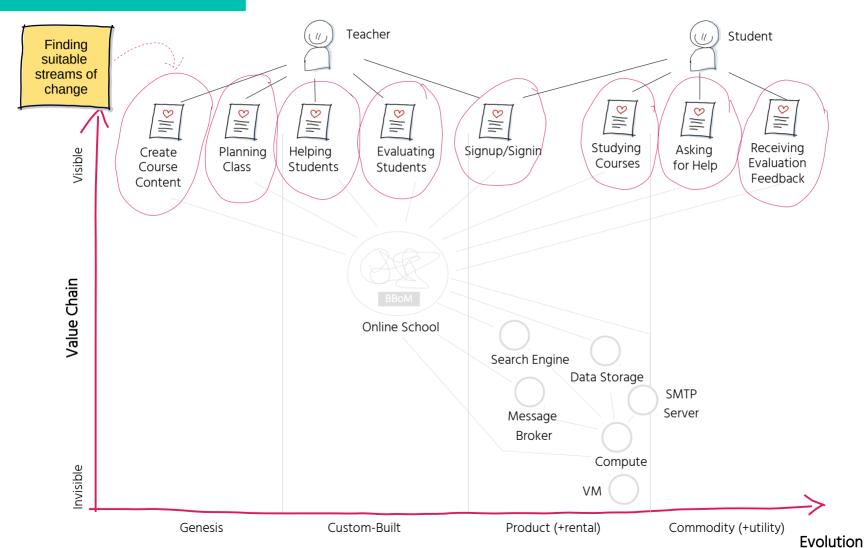




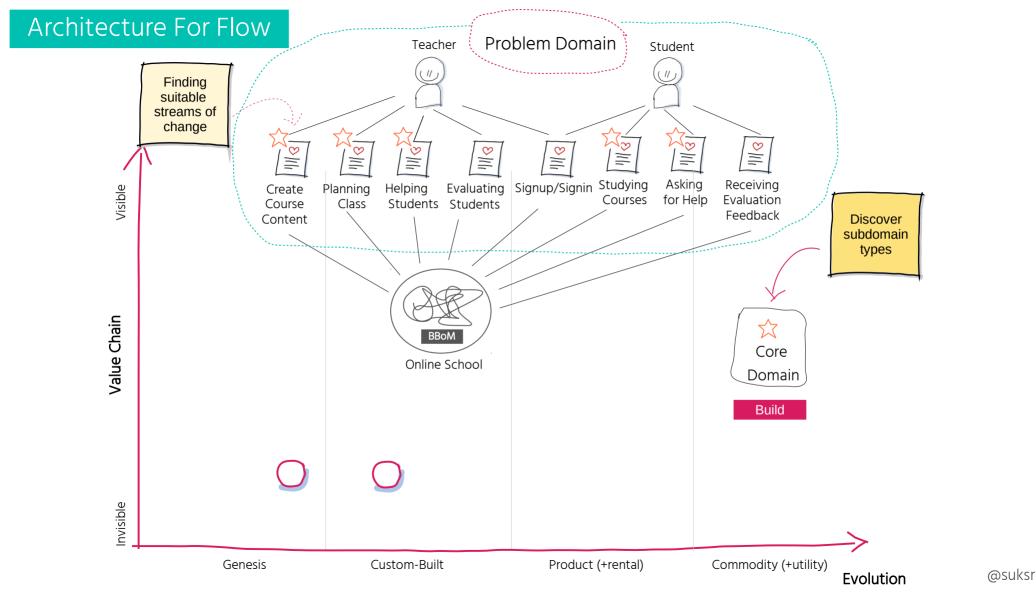
#### Architecture for Flow

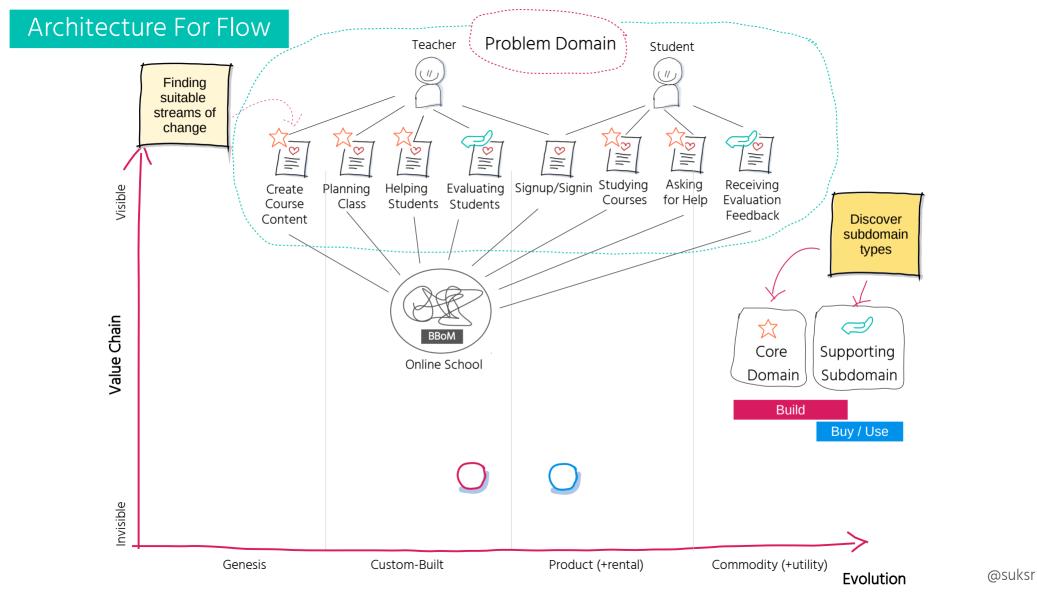


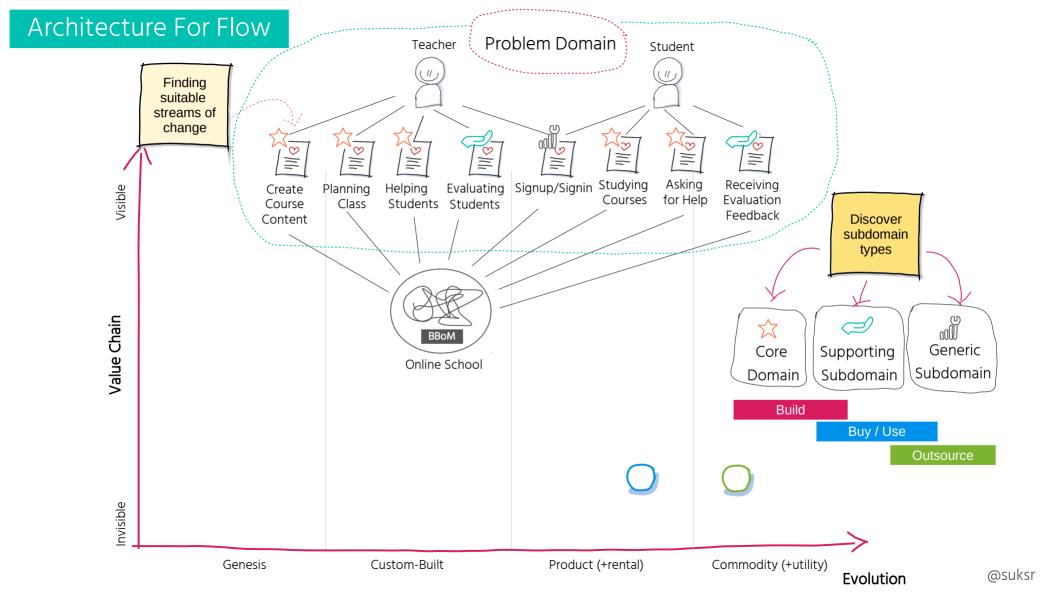
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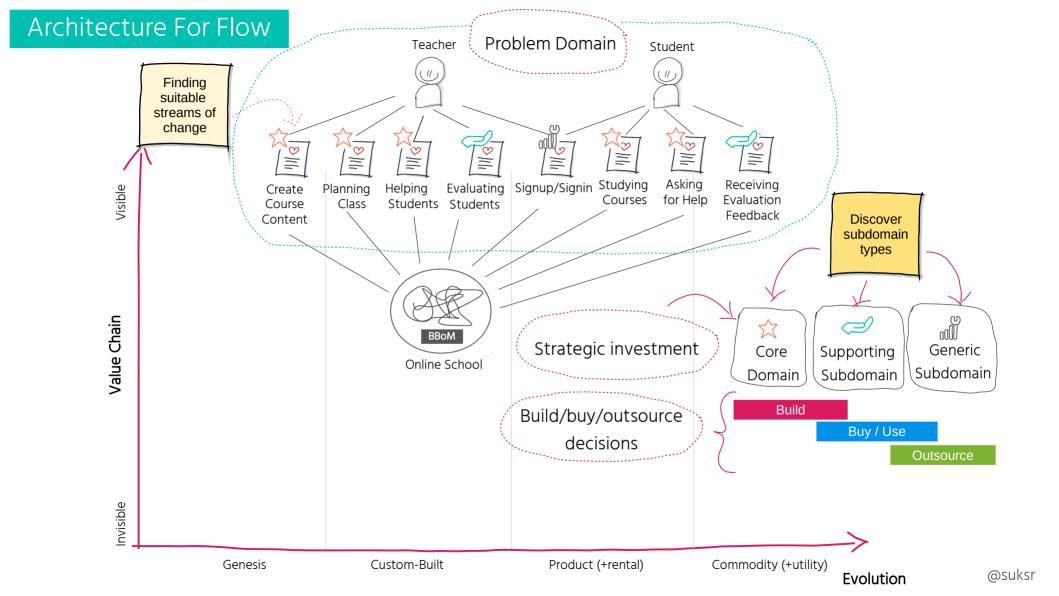


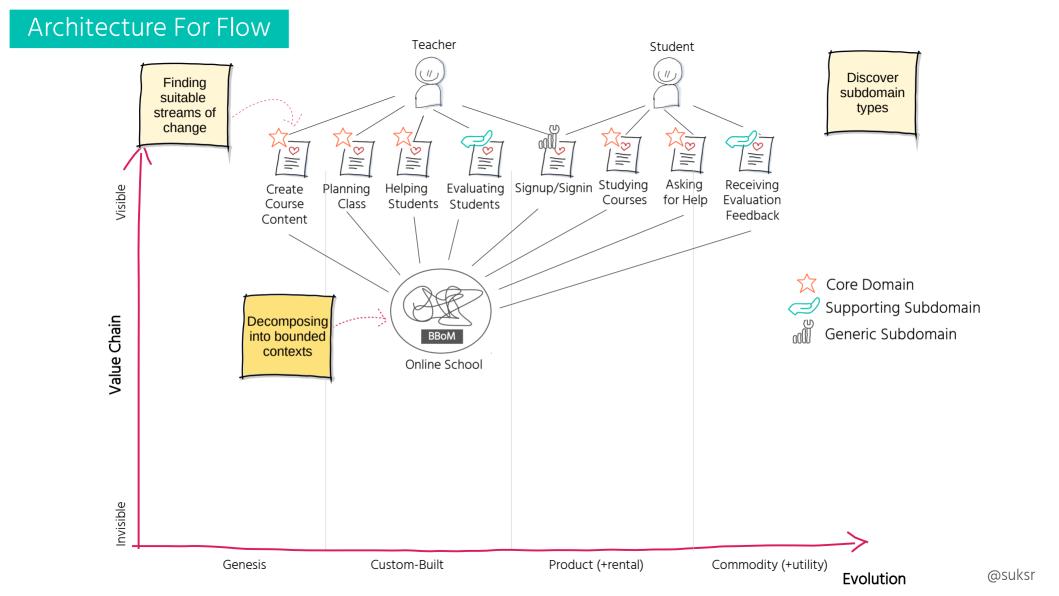
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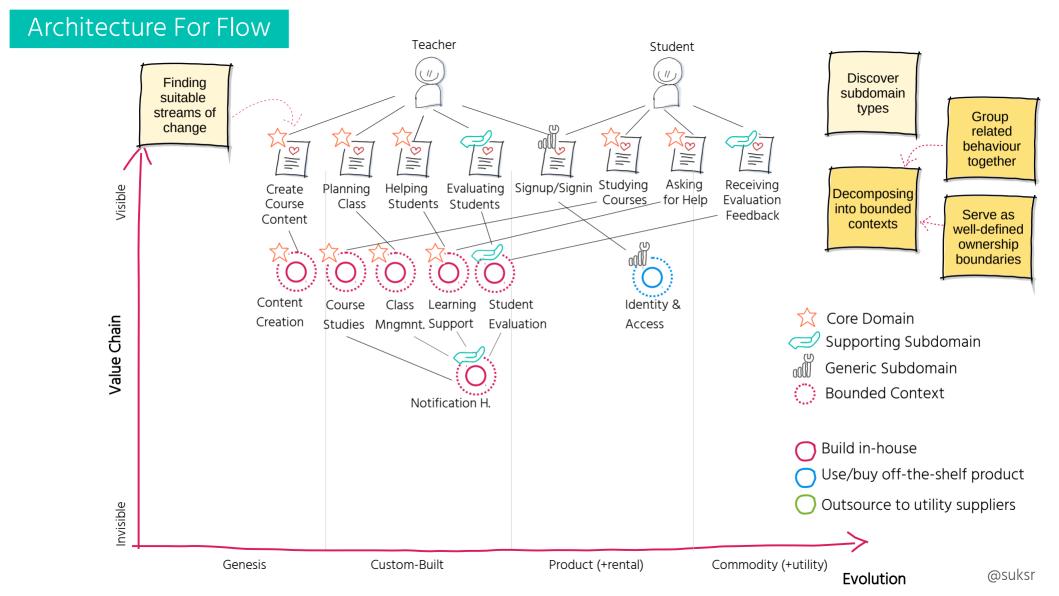


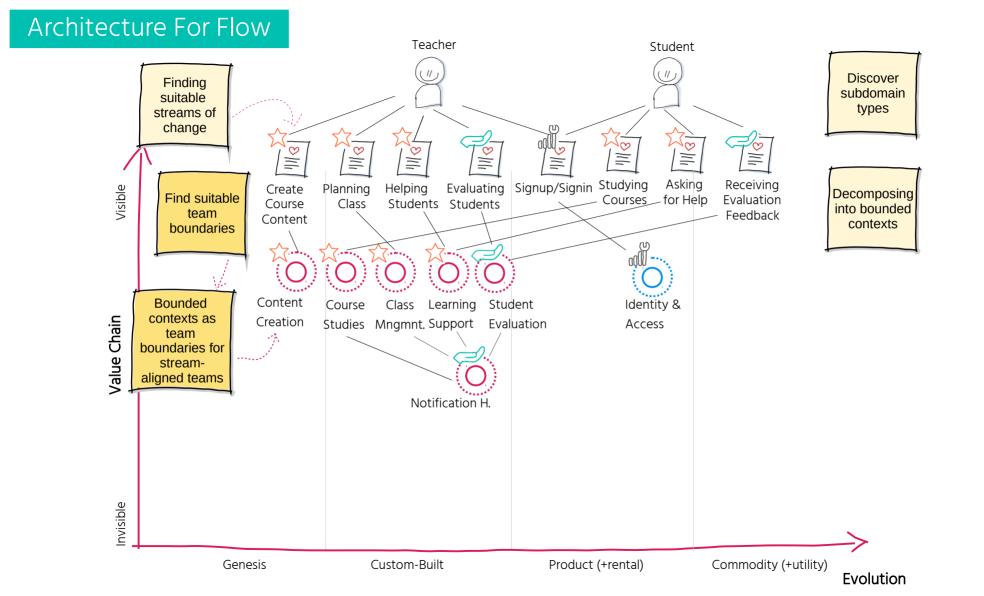


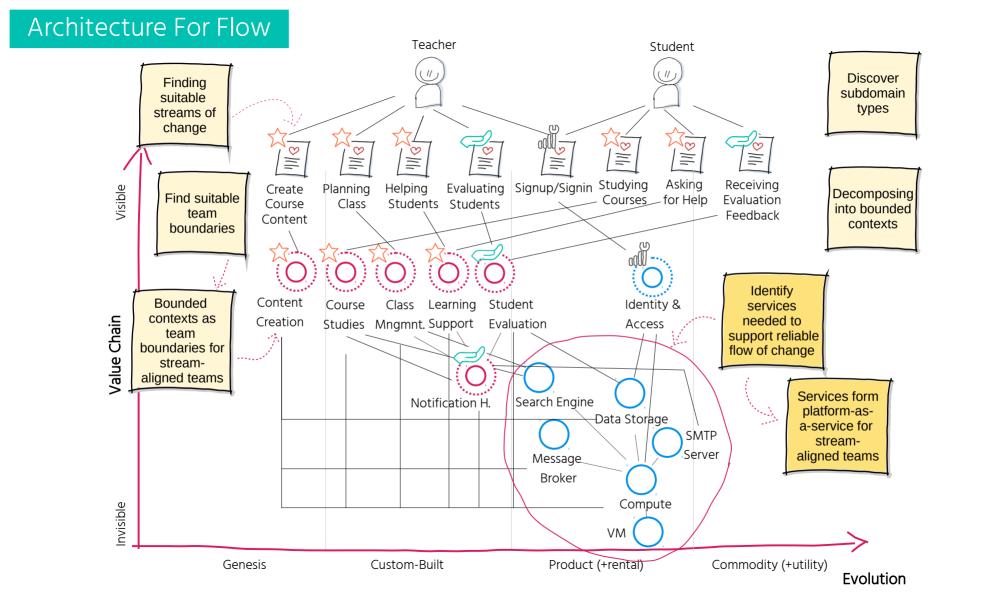


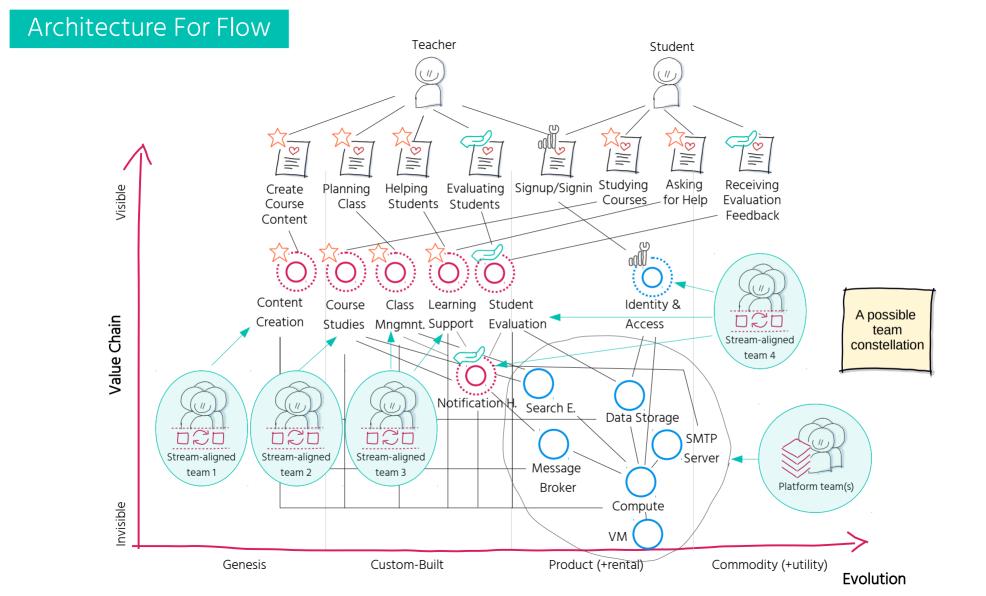


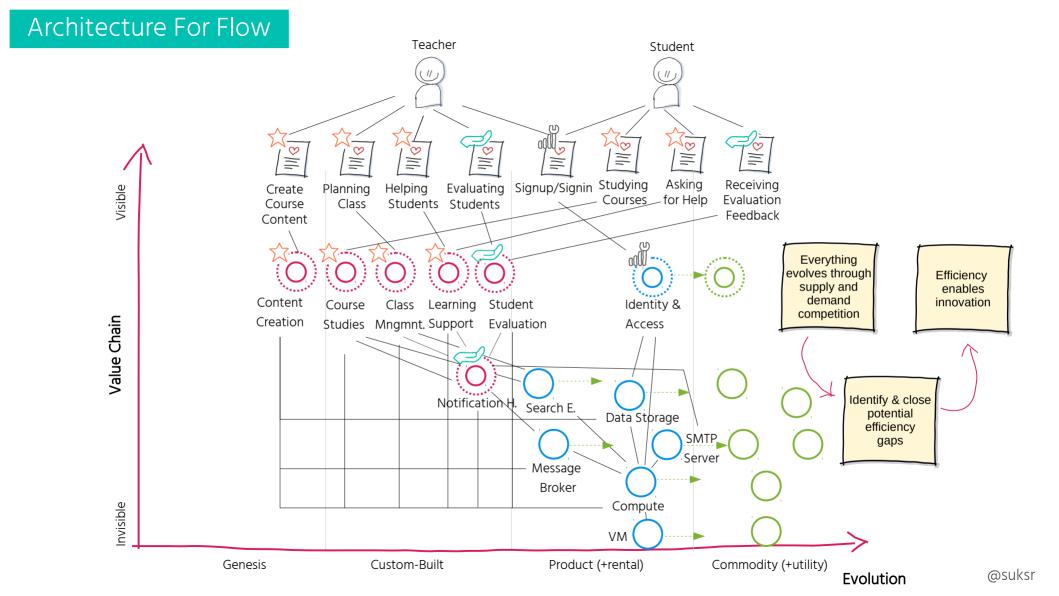




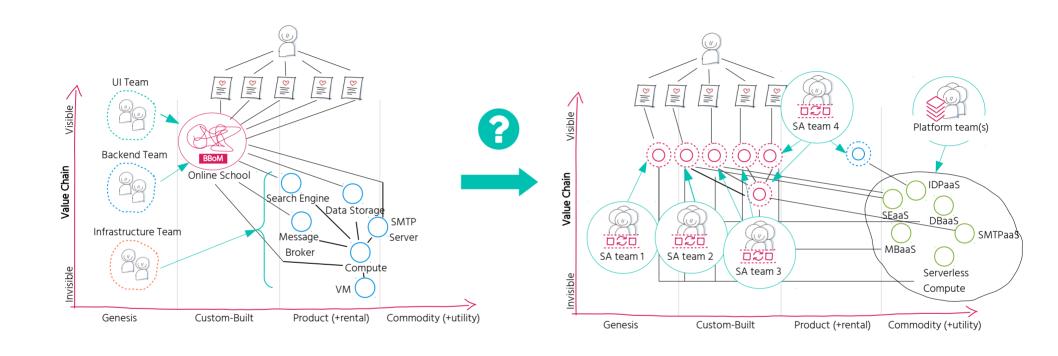


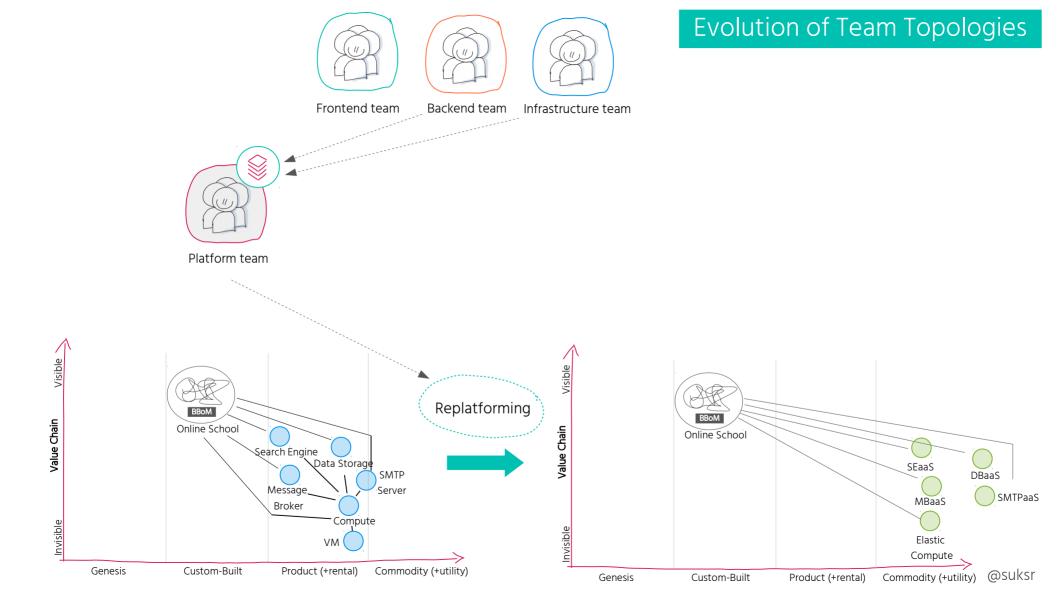


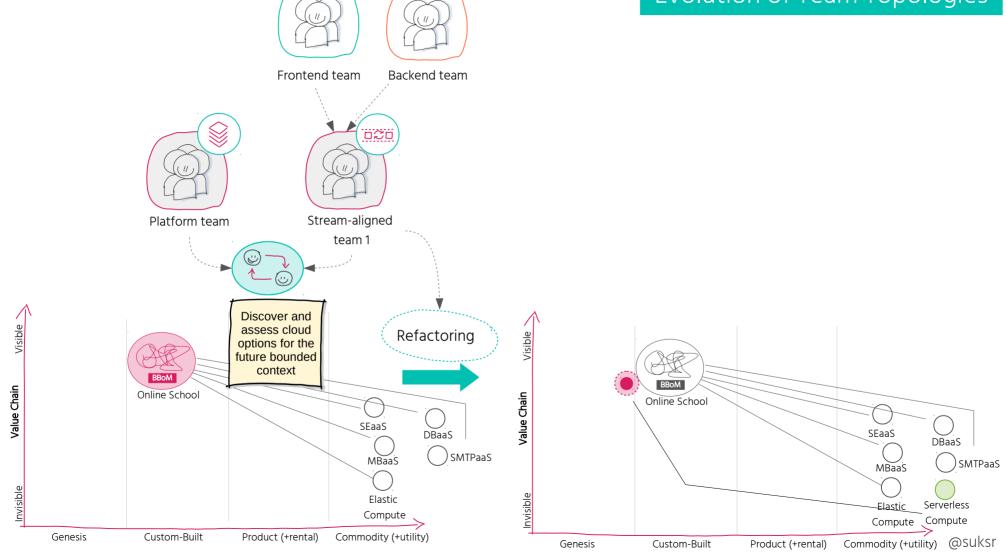


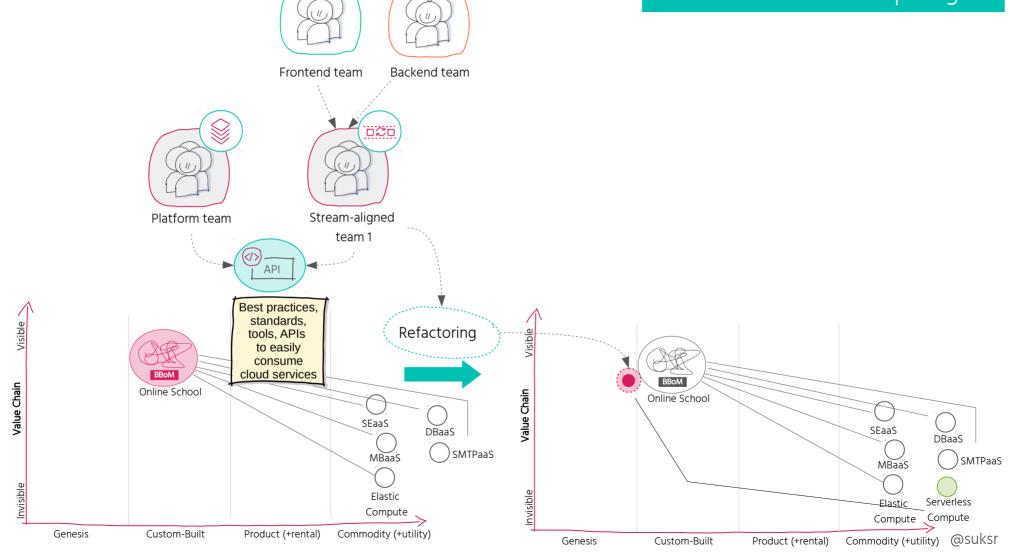


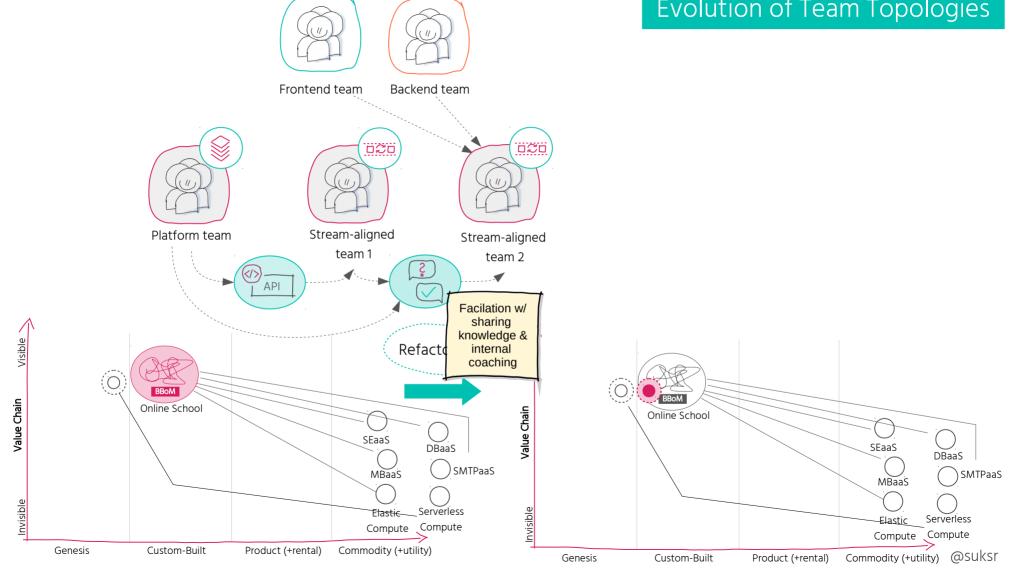
#### How to transition?

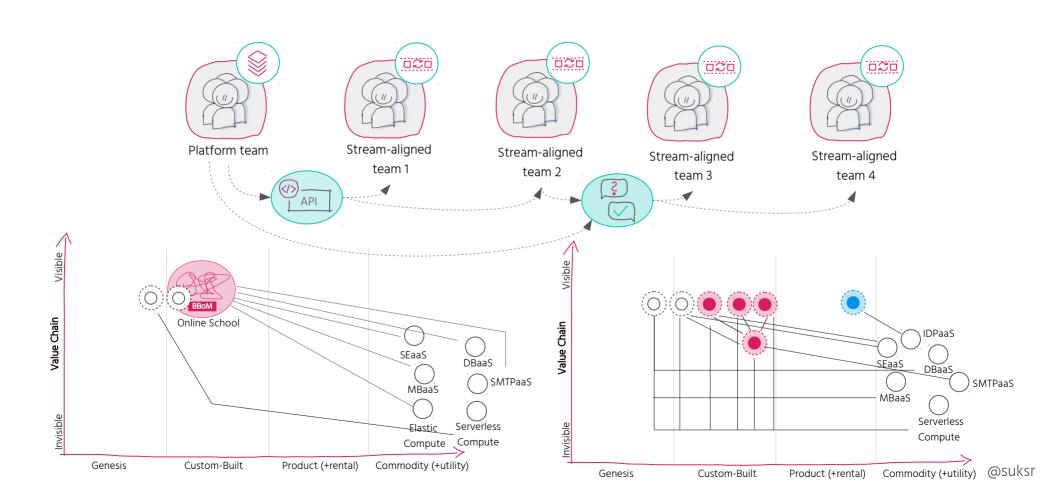


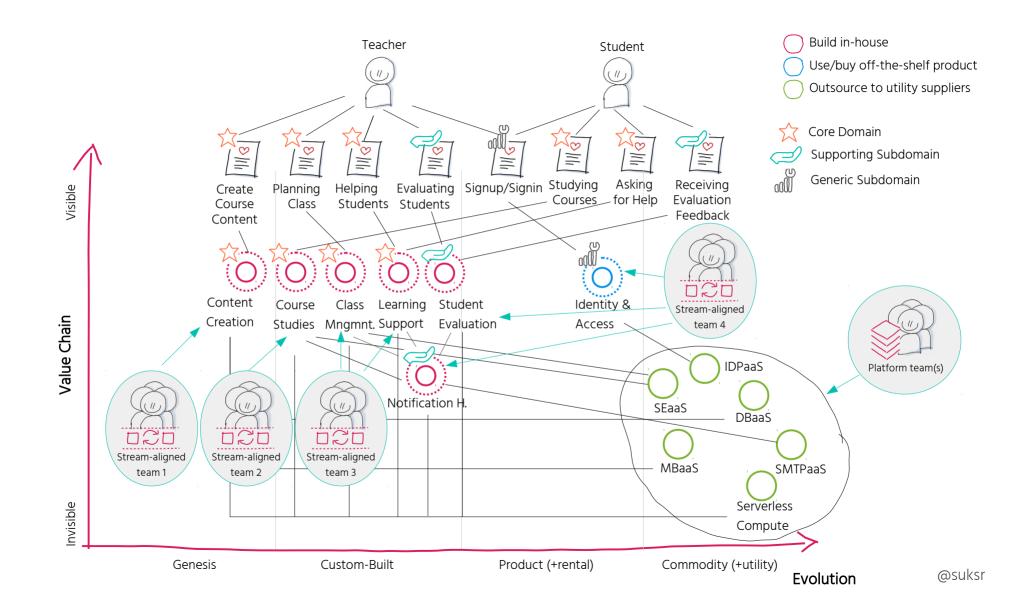


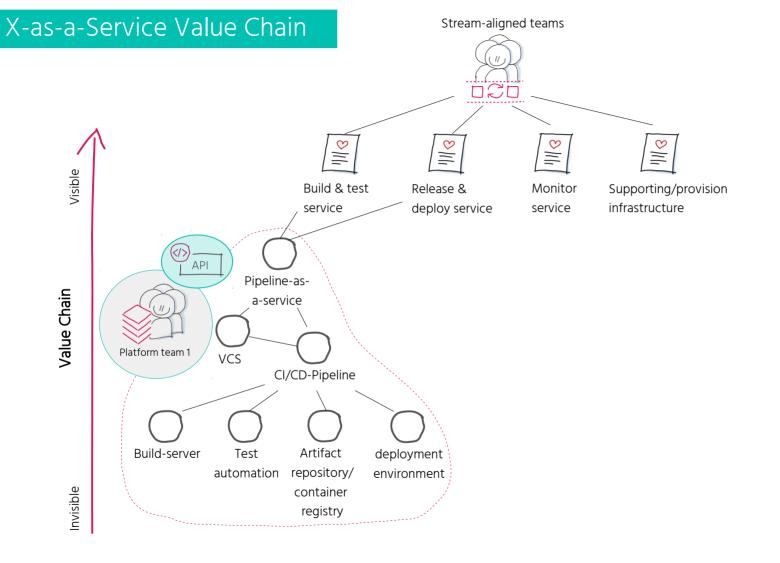


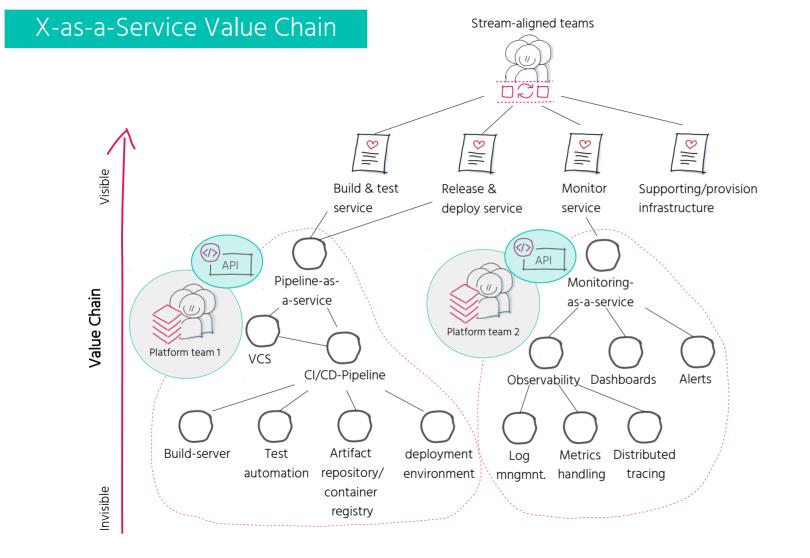


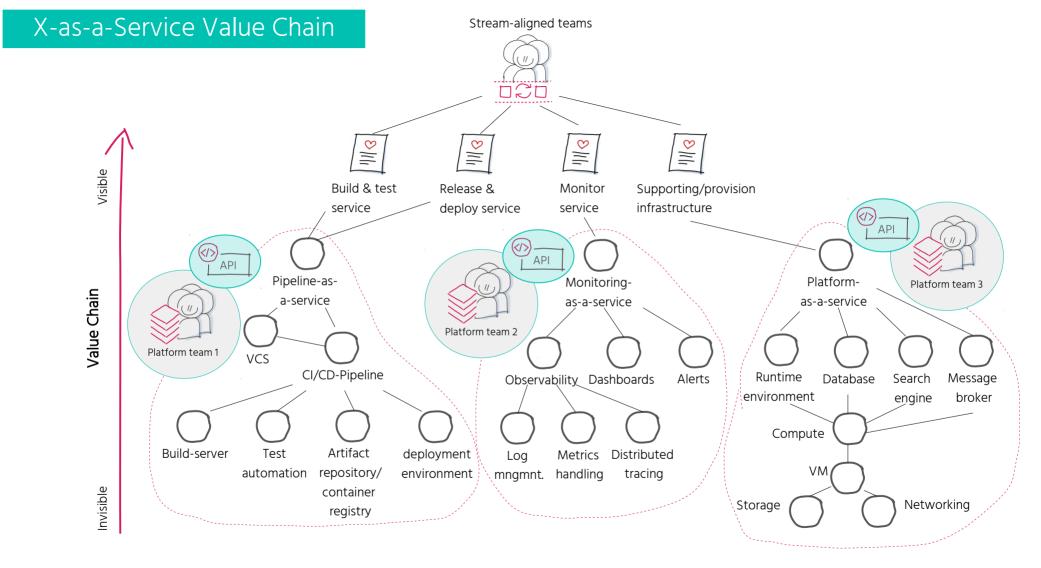


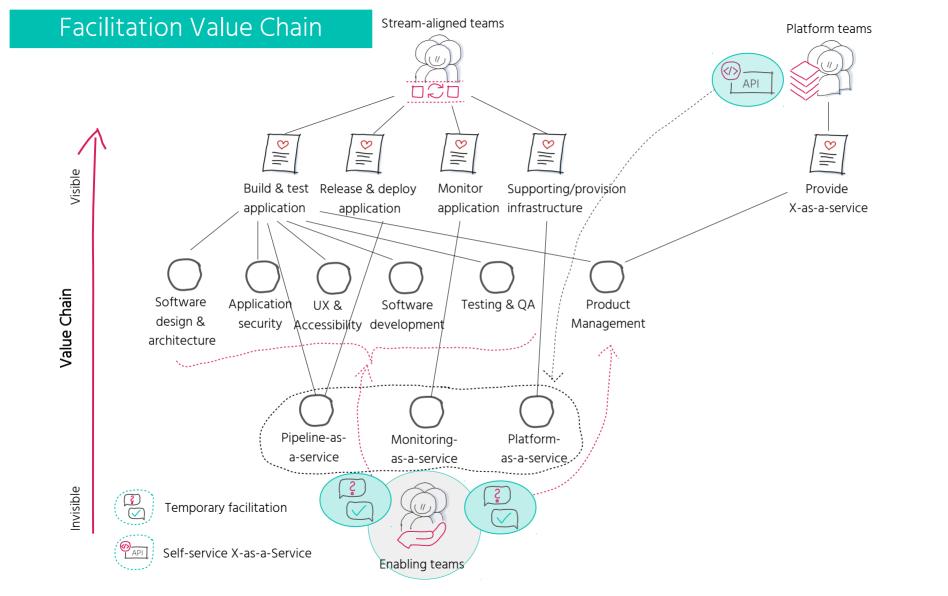


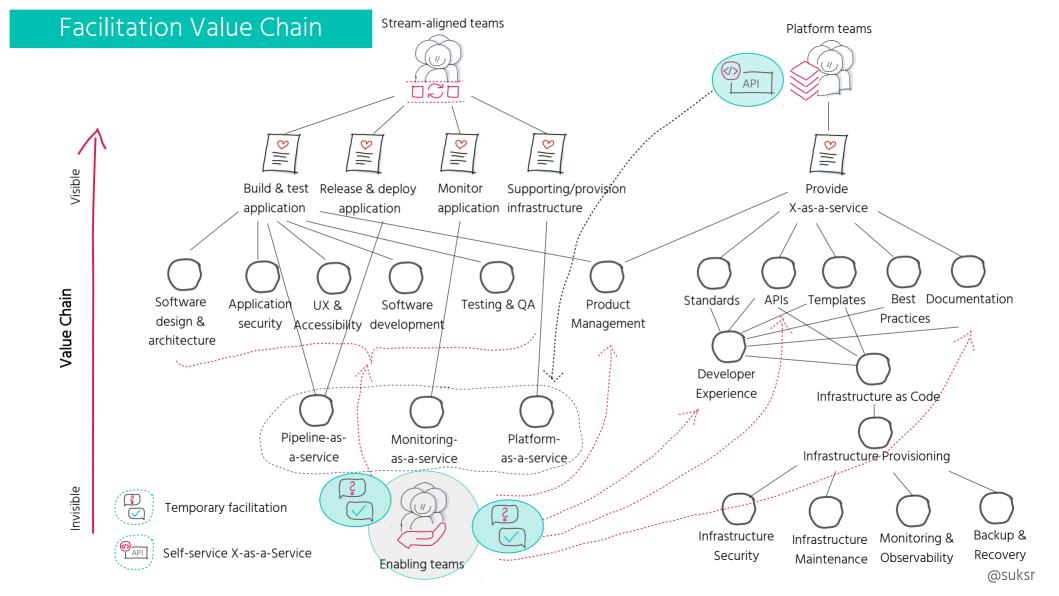




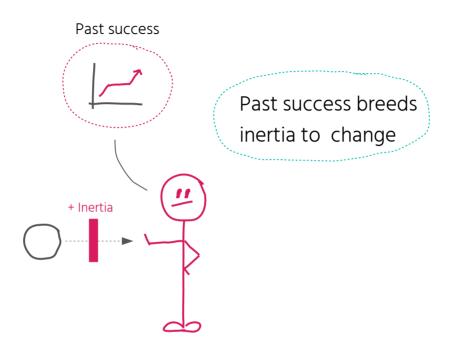




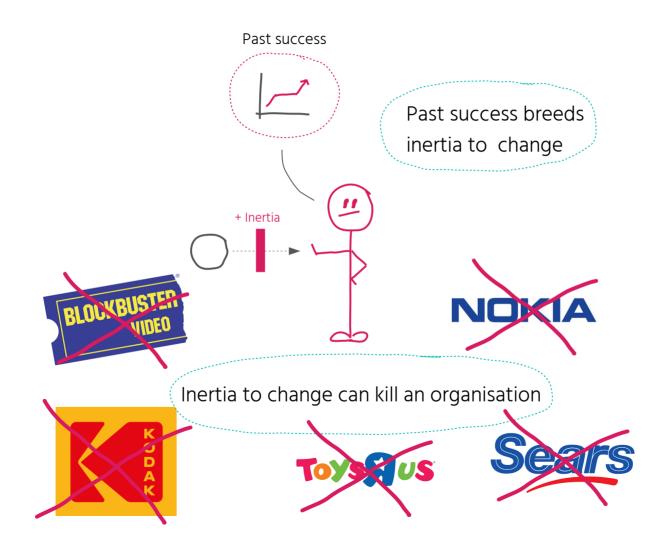


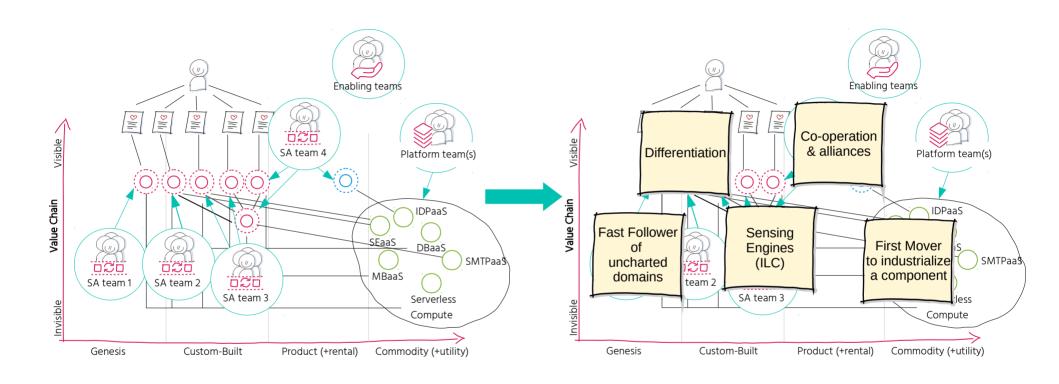


# But we are successful, why should we change?



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Responsive to Change

Leading future Change

#### Key Takeaways



- Understanding the landscape an organization is operating & competing in including the external forces acting on the landscape
- Anticipate changes and identifying potential points to invest
- · Gaining domain knowledge & discovering the core
- Knowing what components to build, buy/use, or outsource

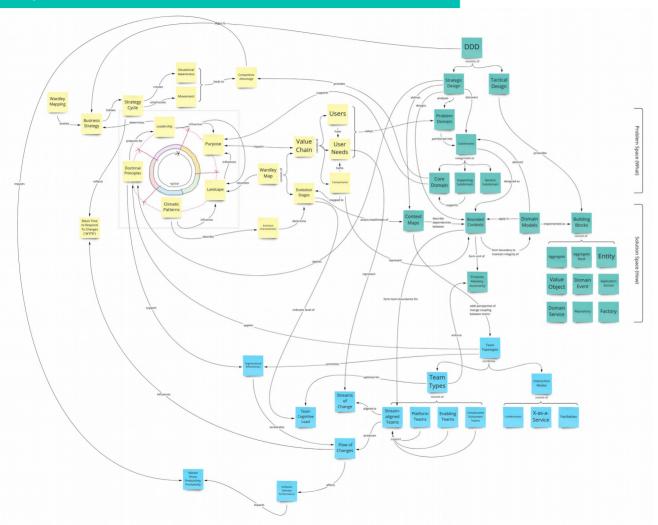
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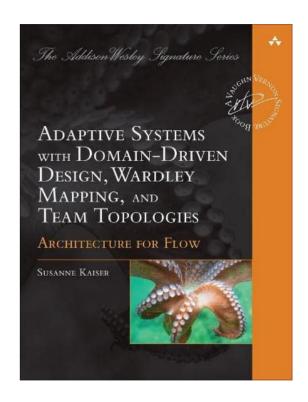


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- Leveraging modularity w/ bounded contexts as well-defined ownership boundaries
- Aligning teams and evolving their interactions to the system we build & the strategy we plan
- Eliminating delivery bottlenecks & increasing software delivery performance
- Optimizing for a a fast flow of change to be able to adapt, evolve and thrive in the face of constant change

# If you are interested in more details ...





# THANK YOU

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