

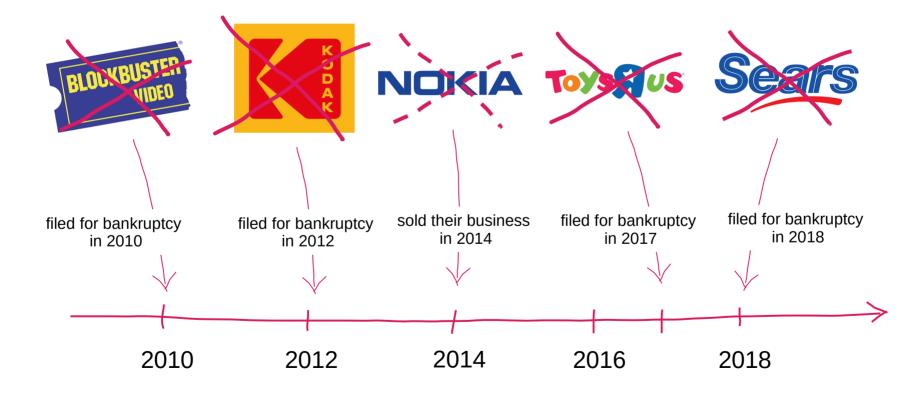
Adaptive Socio-Technical Systems w/ Architecture for Flow

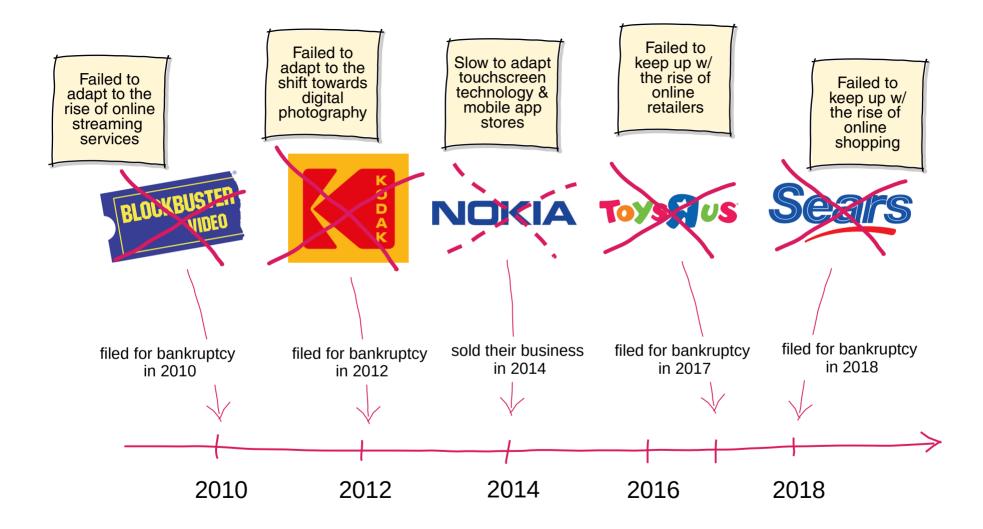
Susanne Kaiser Independent Tech Consultant

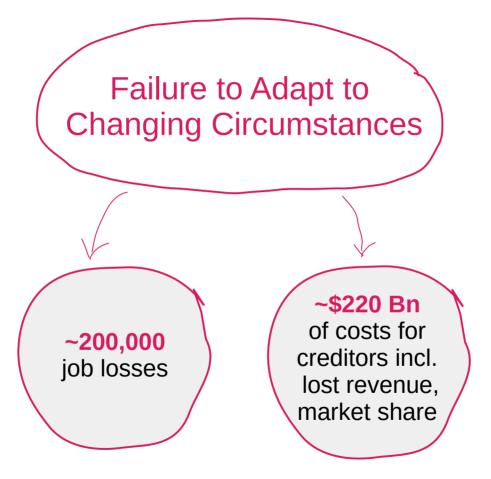
What do these companies have in common ?





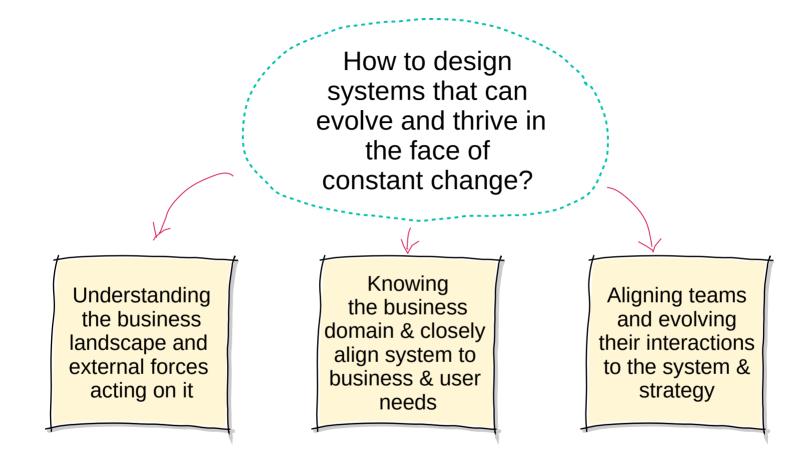


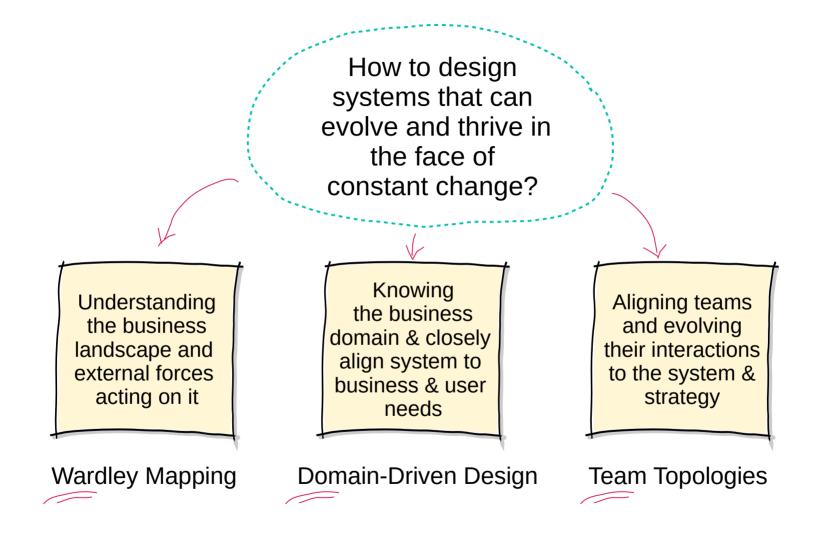




How to design systems that can evolve and thrive in the face of constant change?

Organizations have to continously adapt and evolve to remain competitive

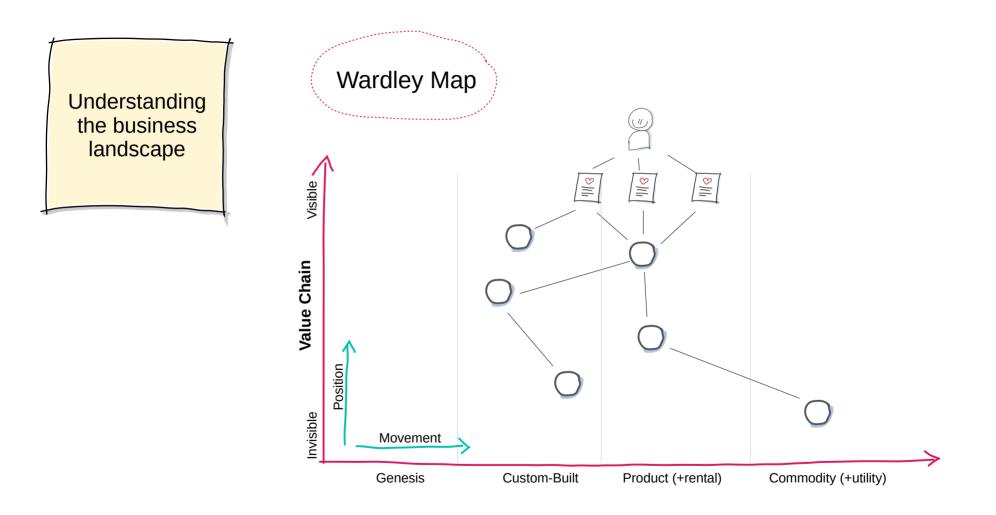




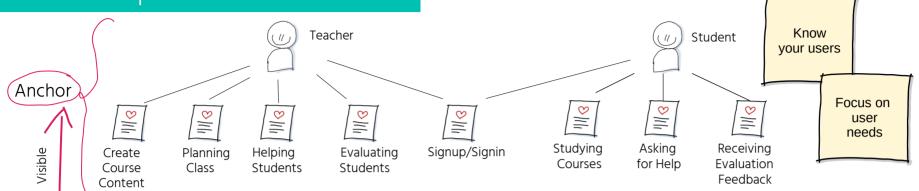
Evolving a Legacy System

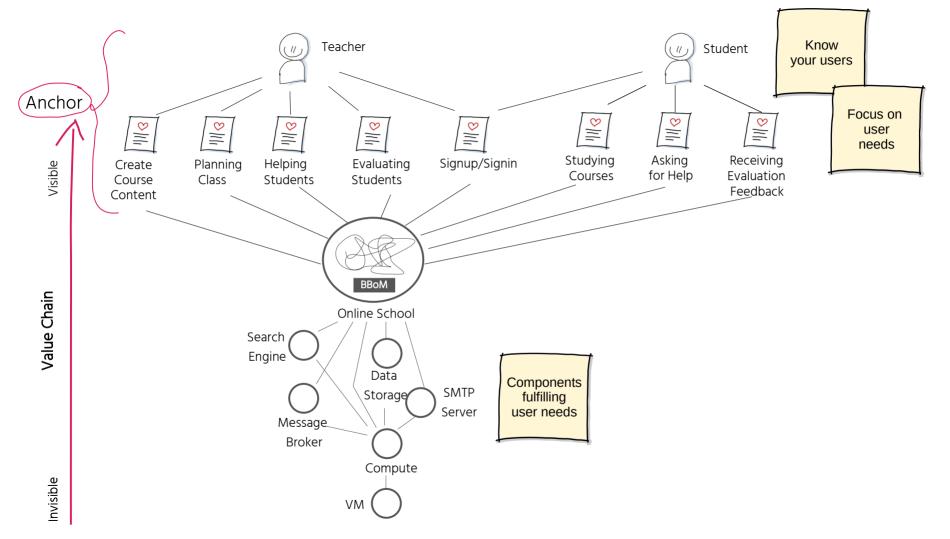


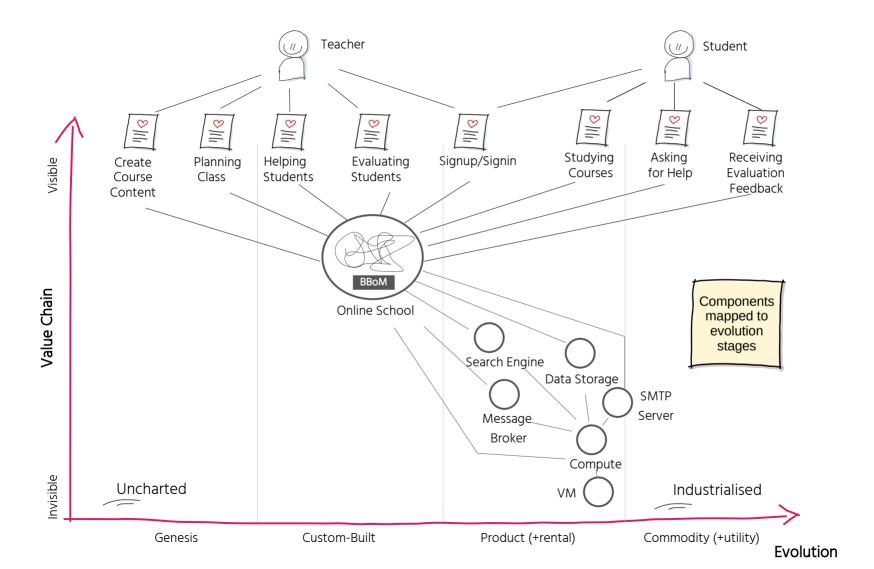
Image source: https://www.food-management.com

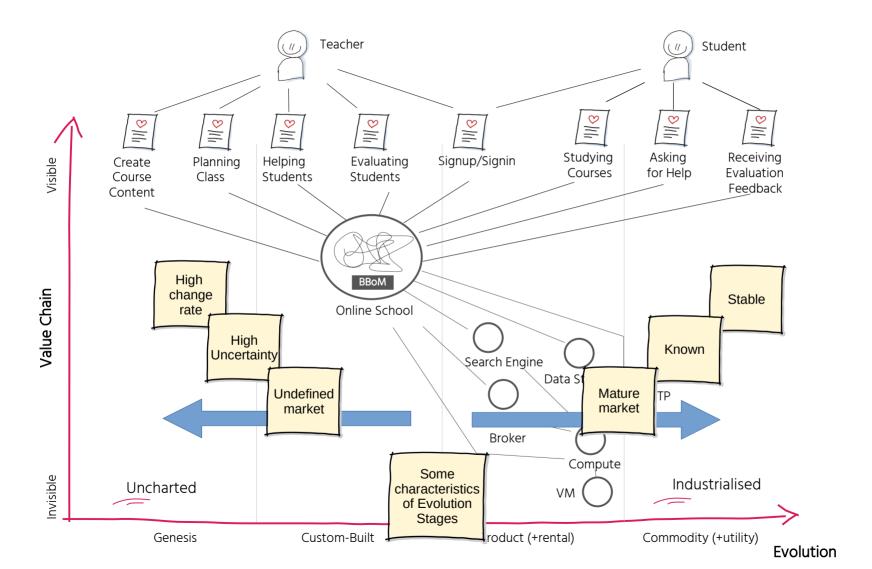


The Landscape of the Current State

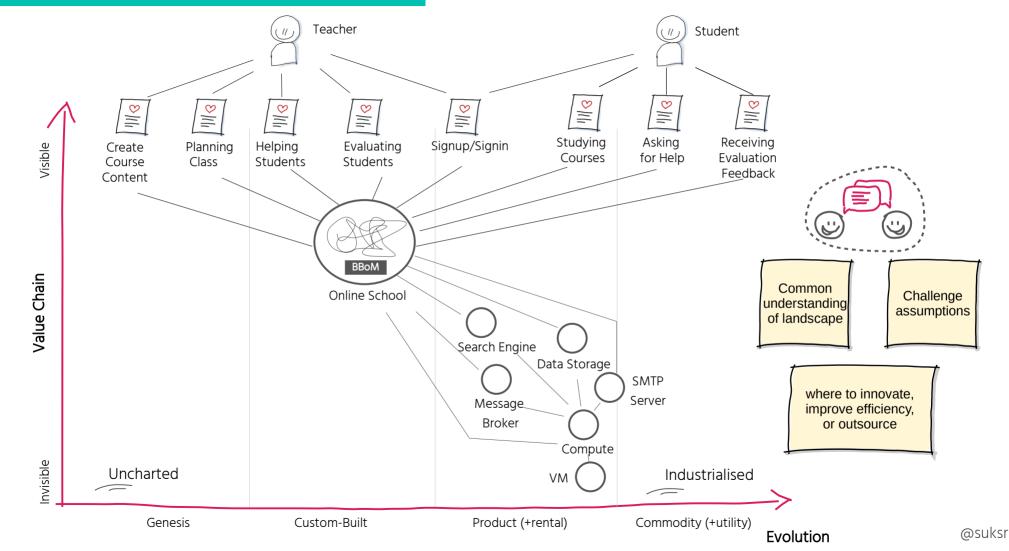


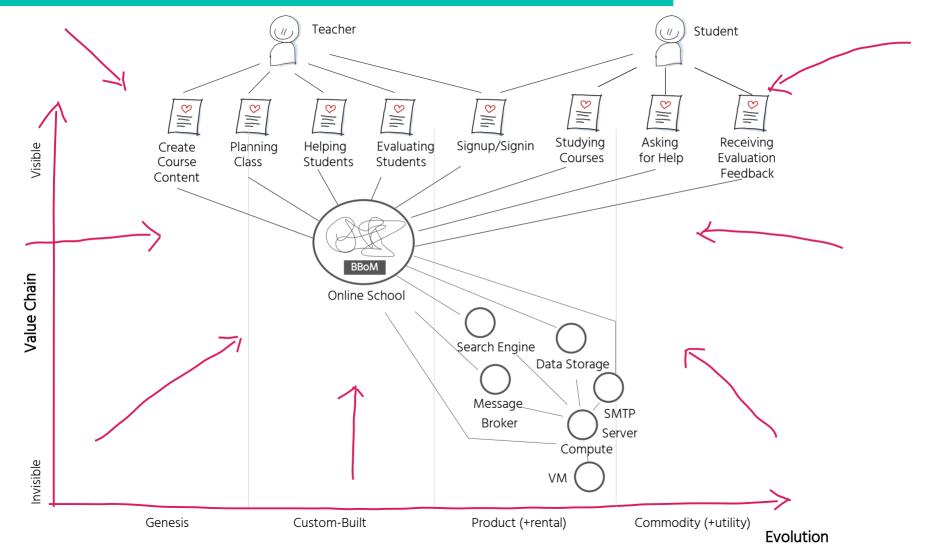


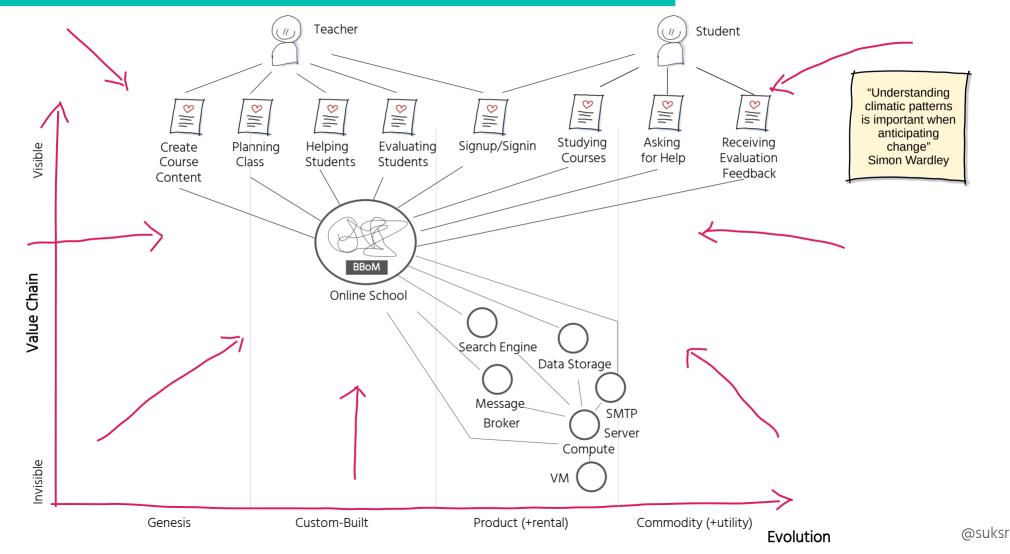


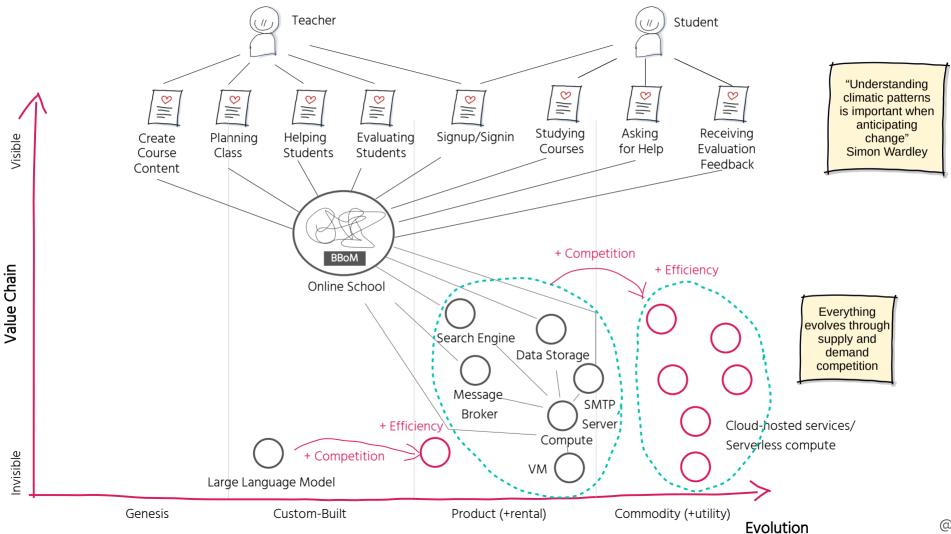


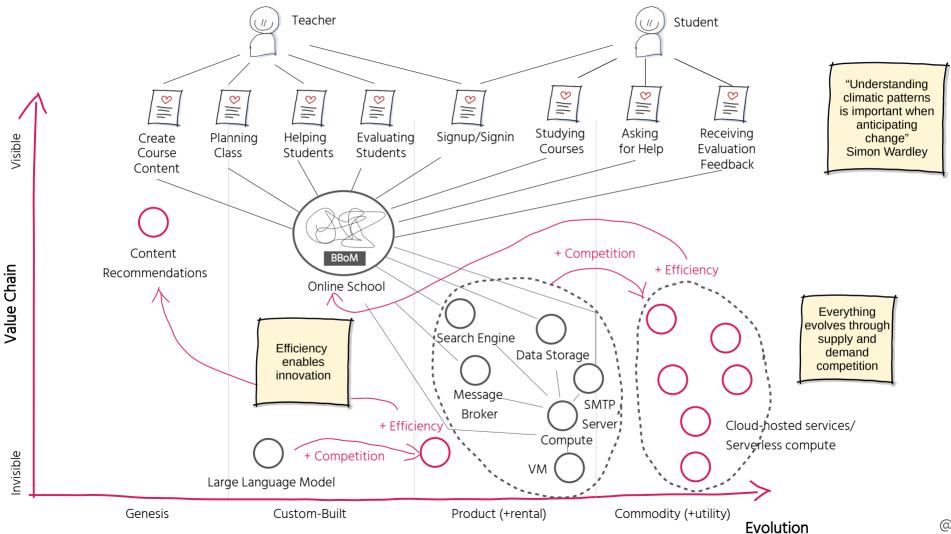
A Wardley Map of the Current State

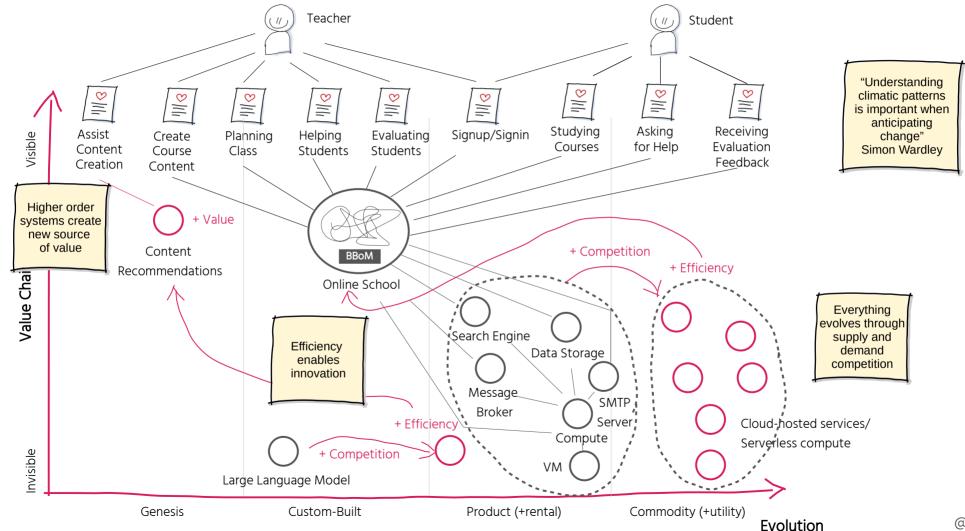




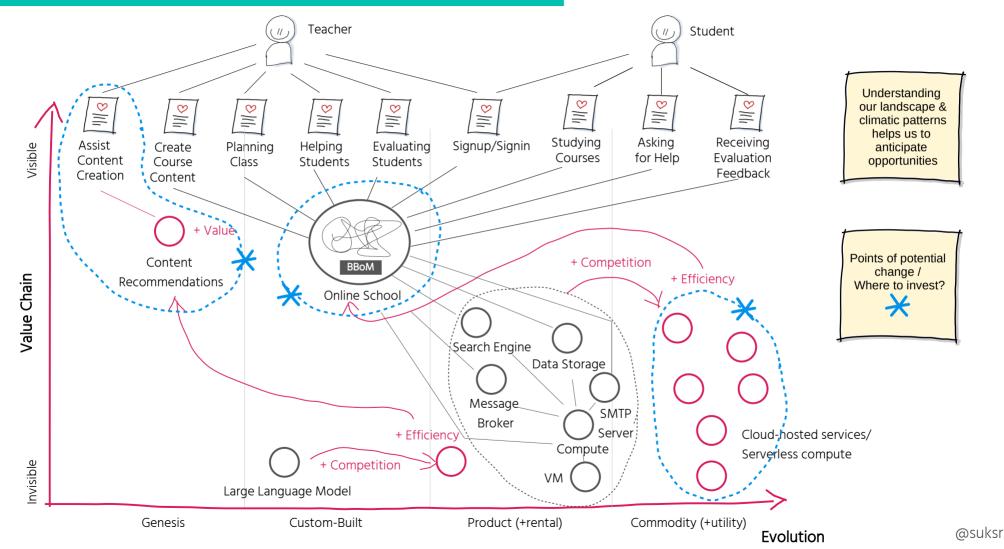


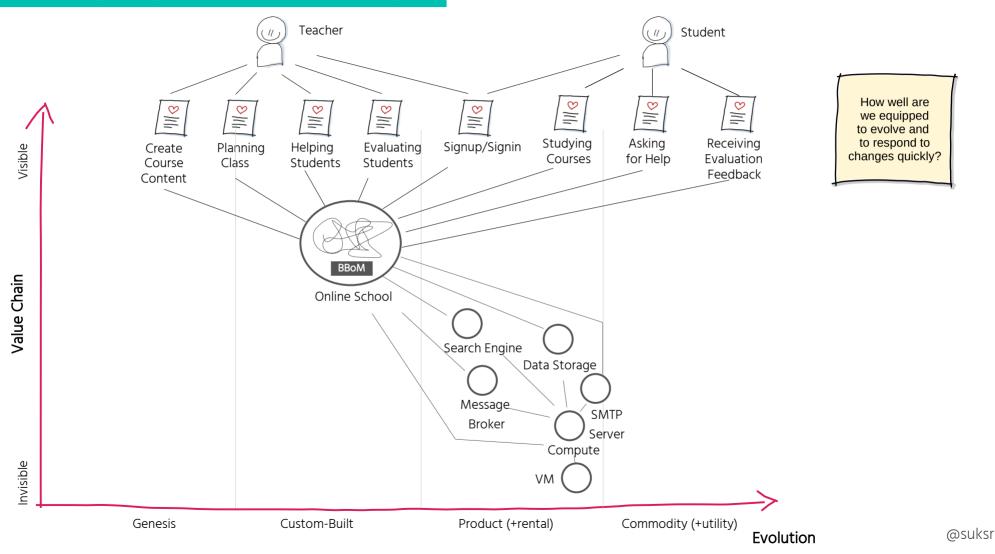


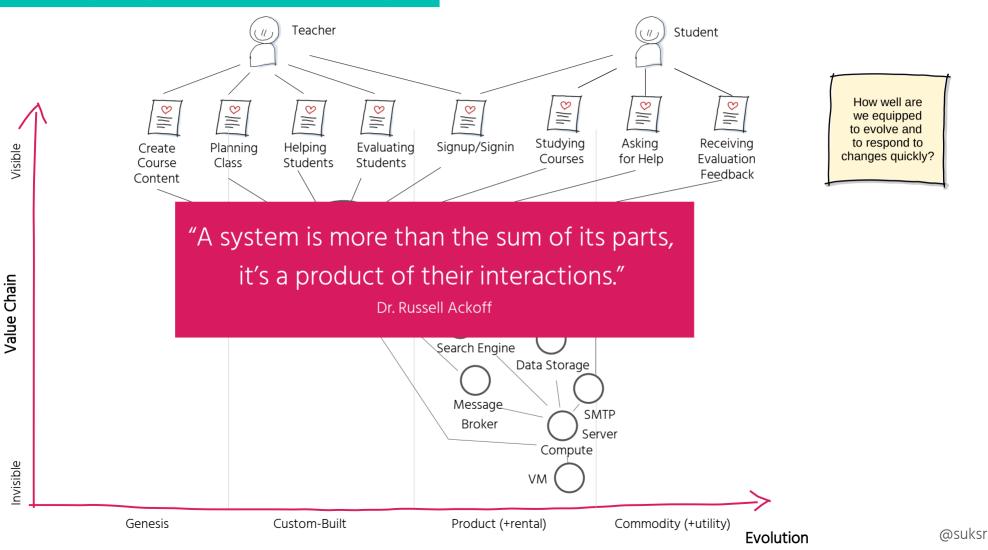


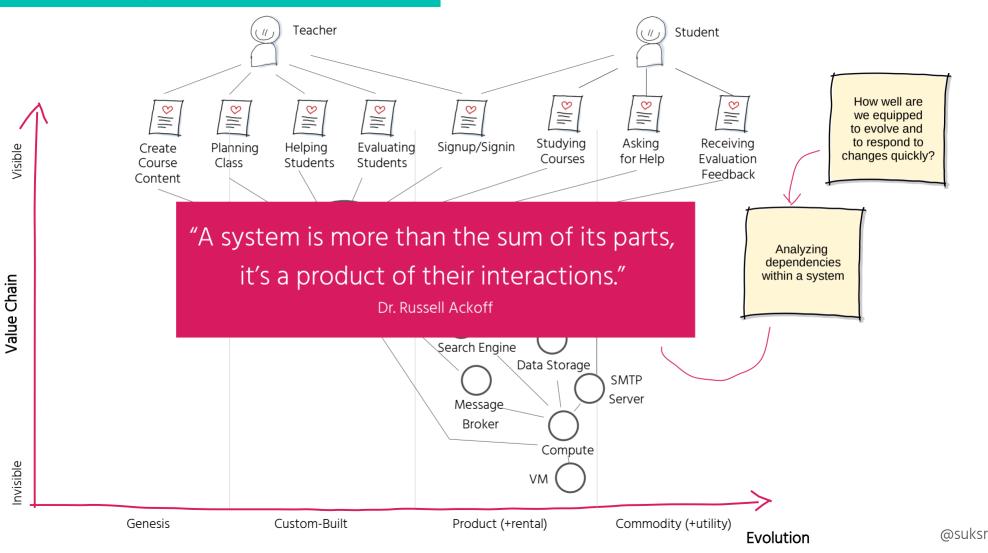


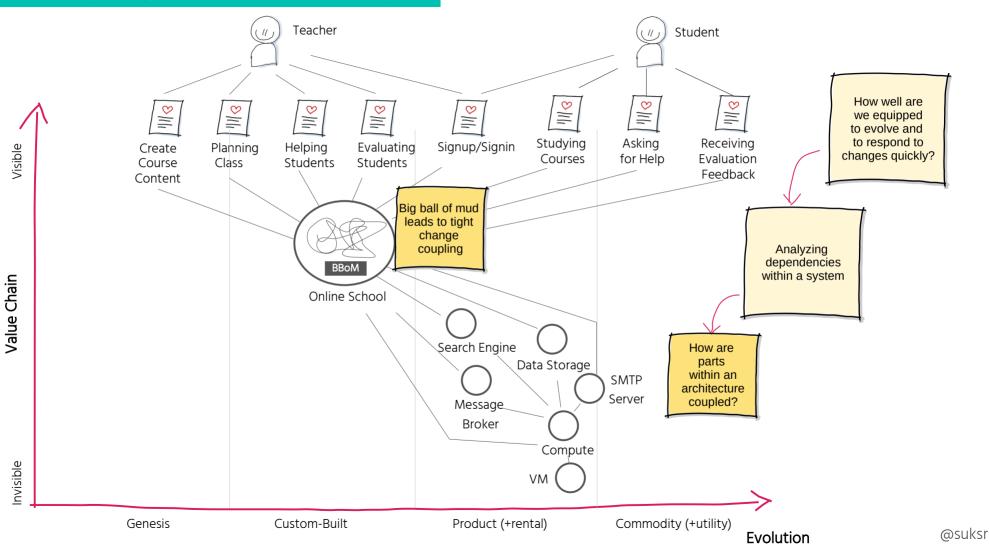
Understanding Landscape & Climatic Patterns



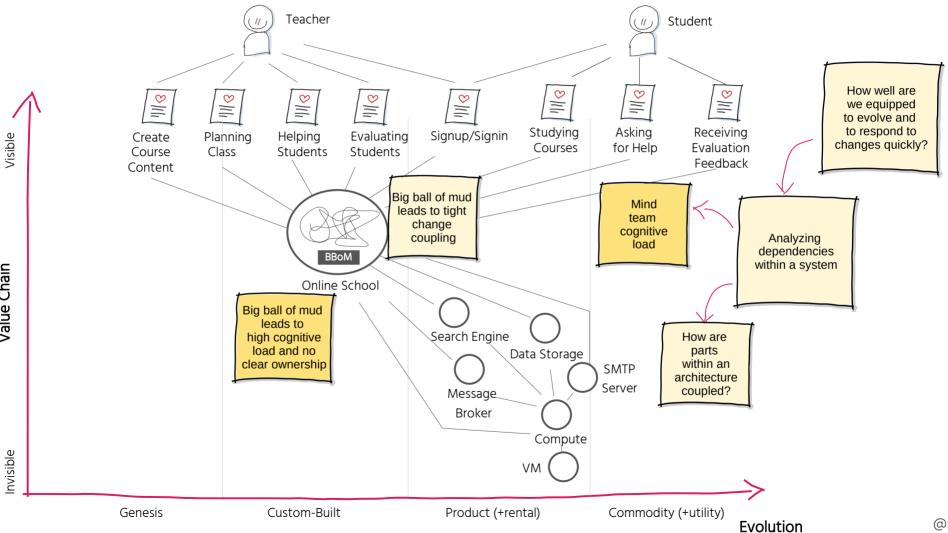


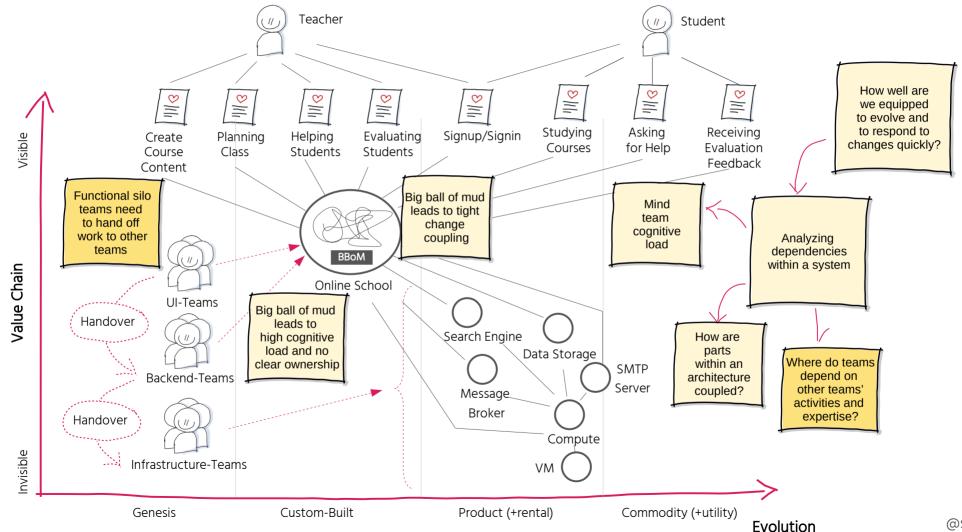


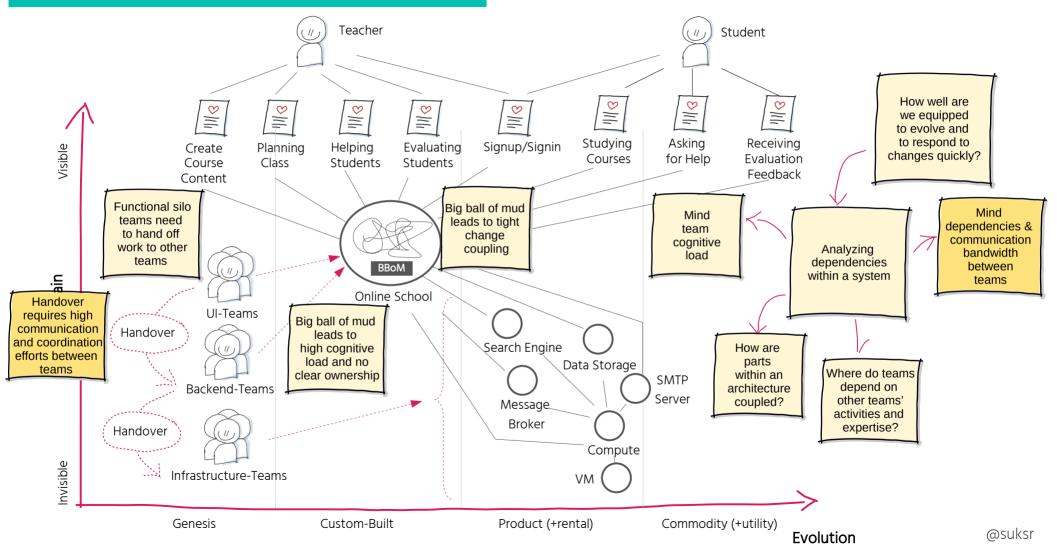


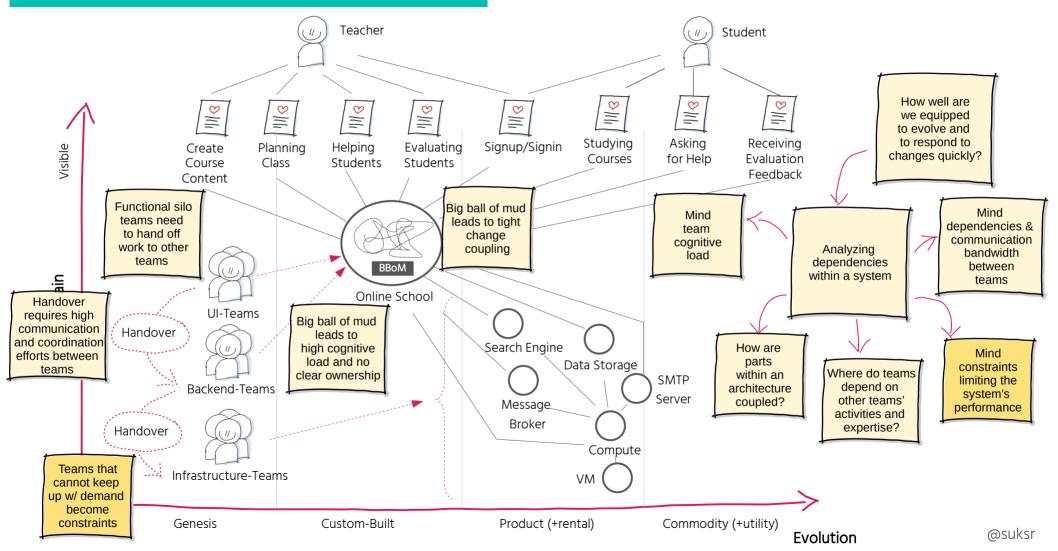


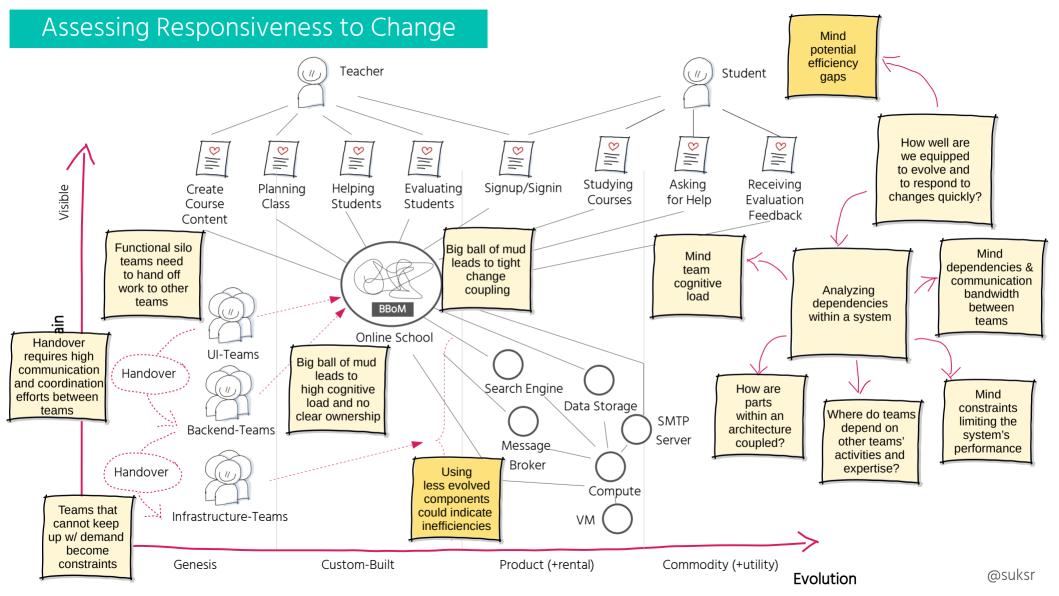
Value Chain

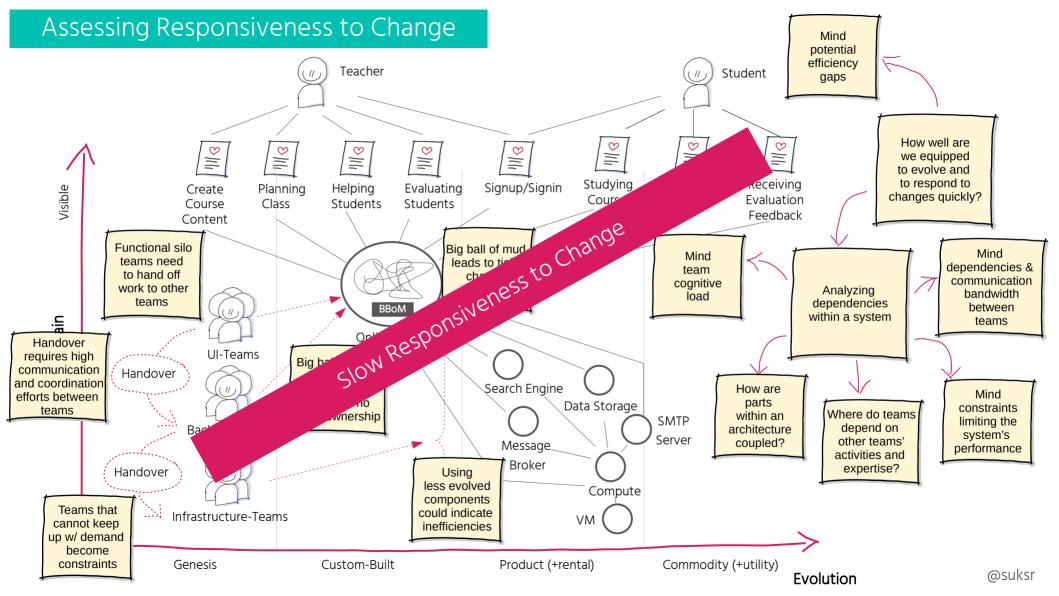


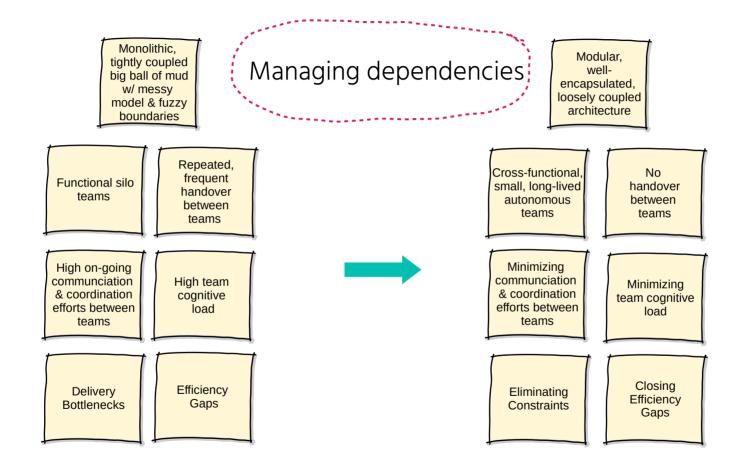




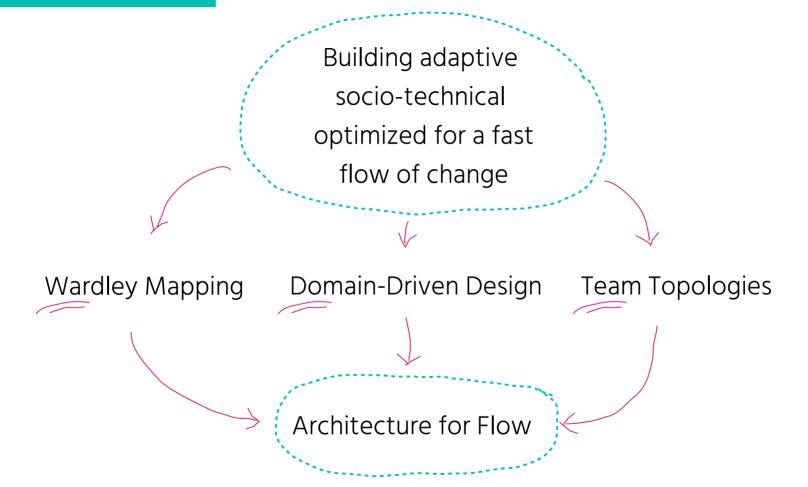




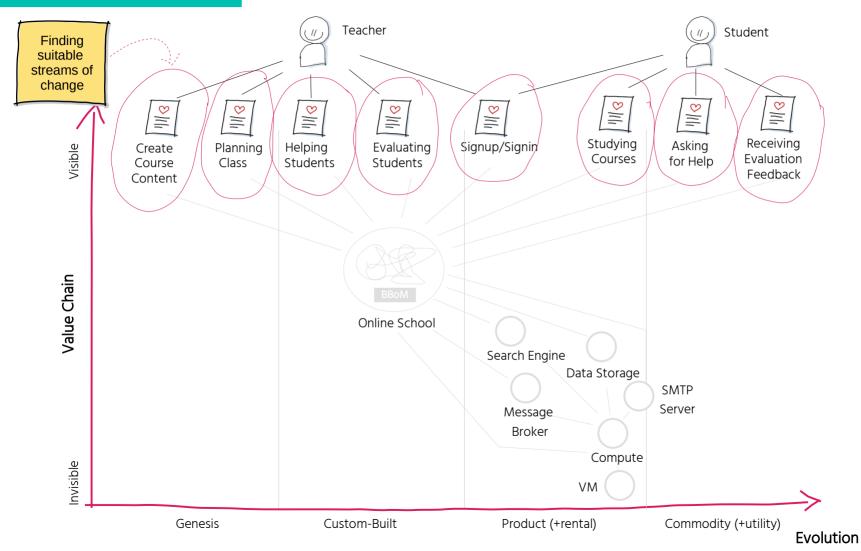


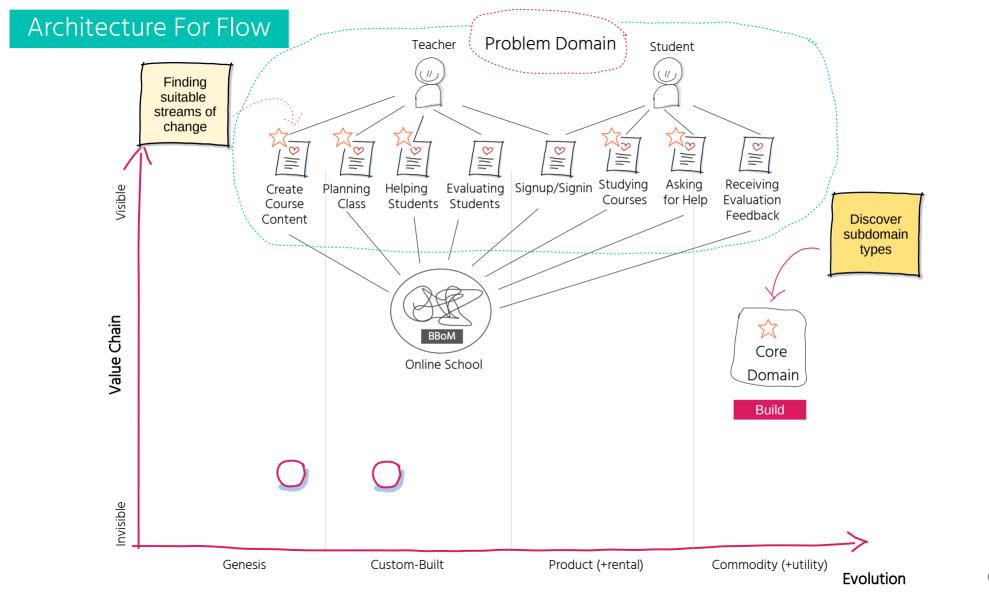


Architecture for Flow

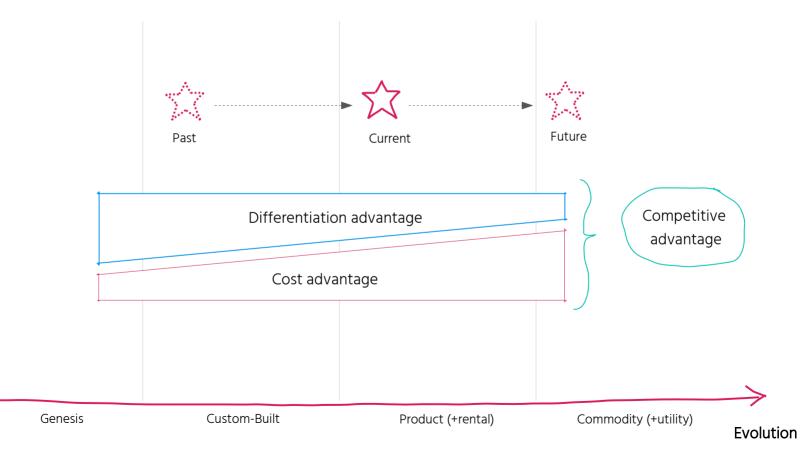


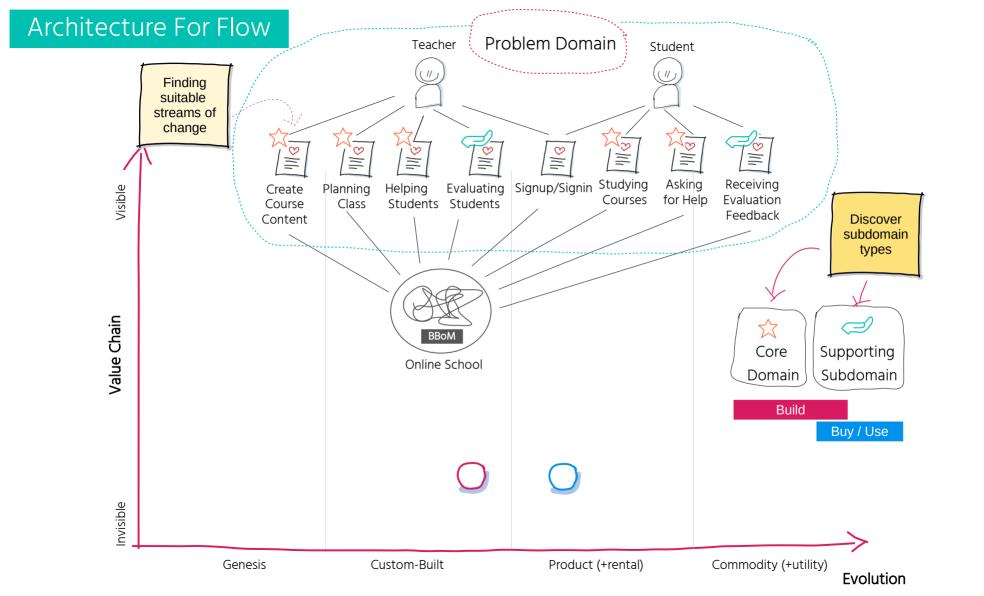
Architecture For Flow

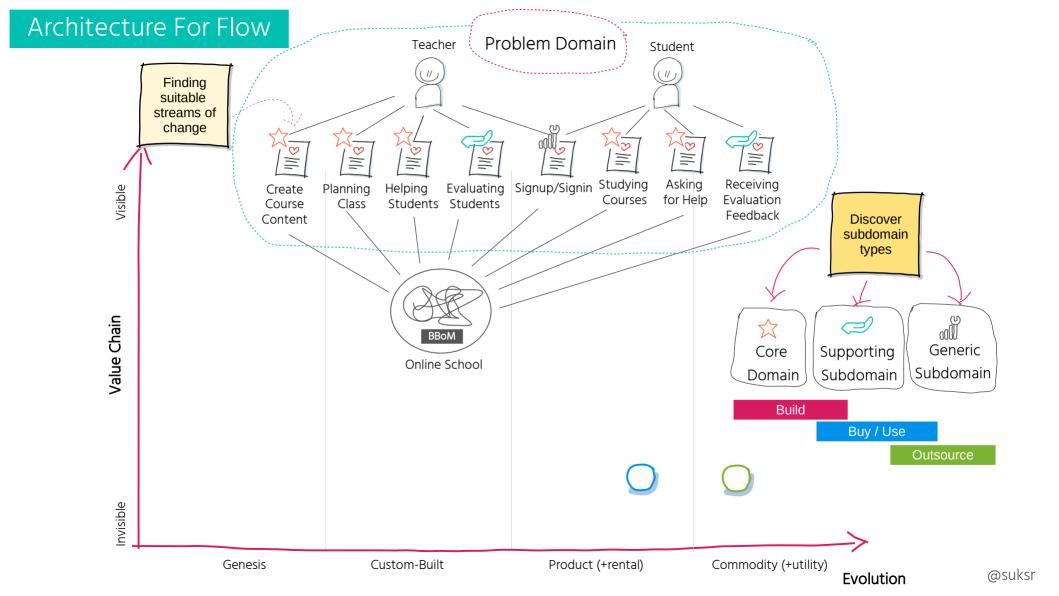


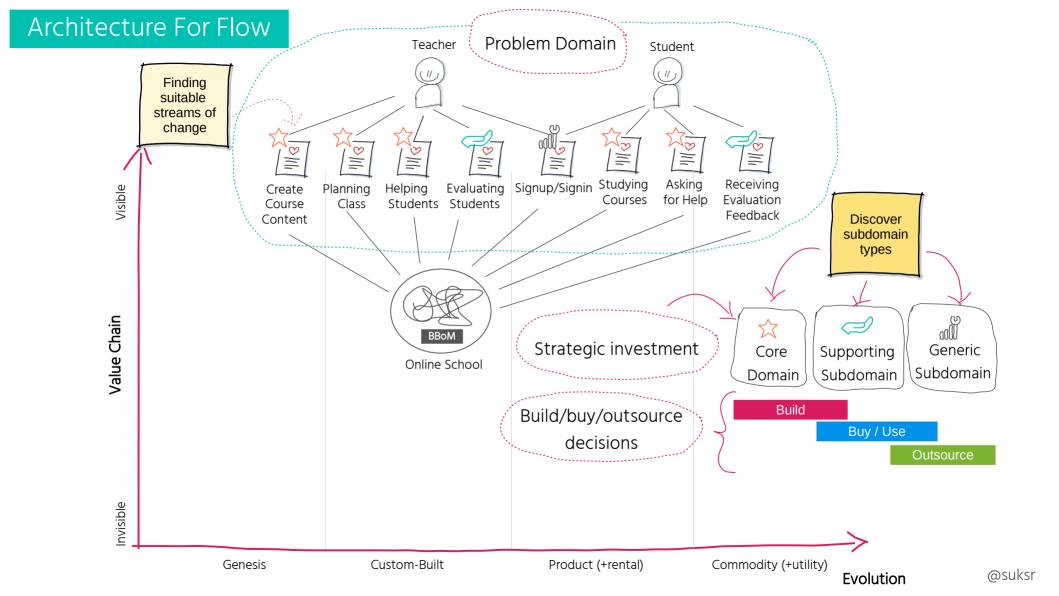


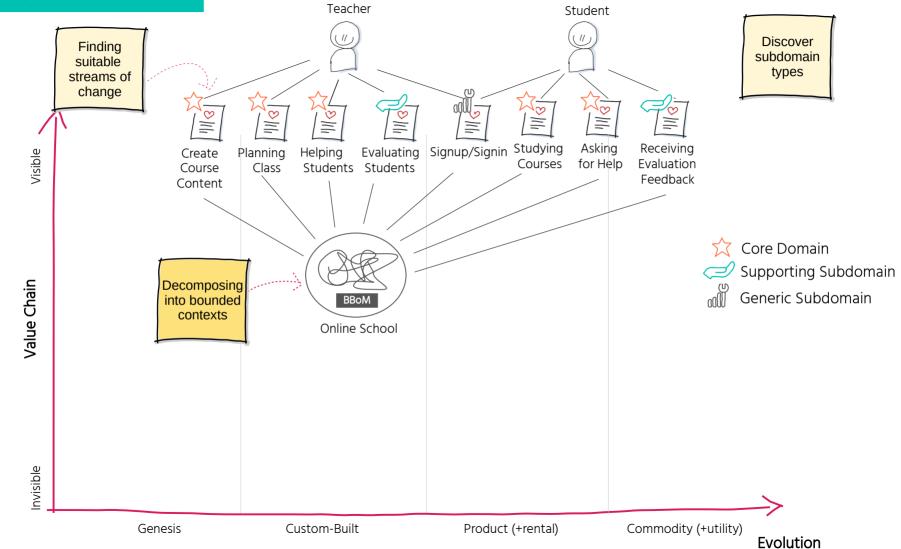
The Core Domain And Evolution

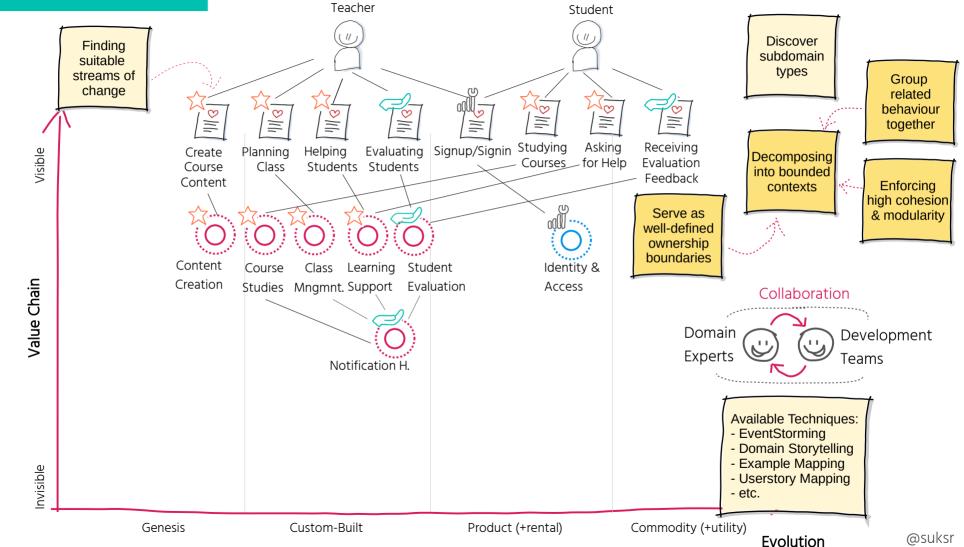


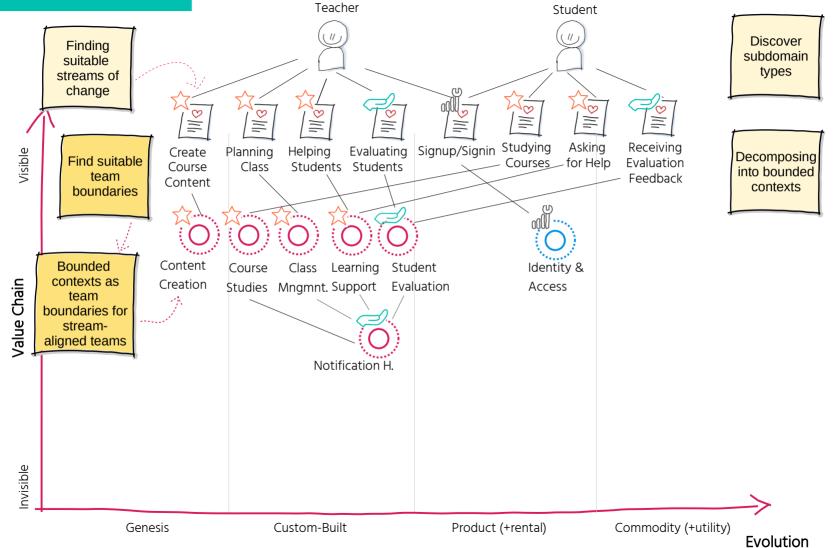




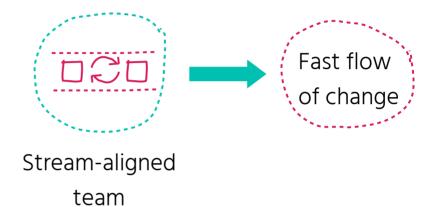


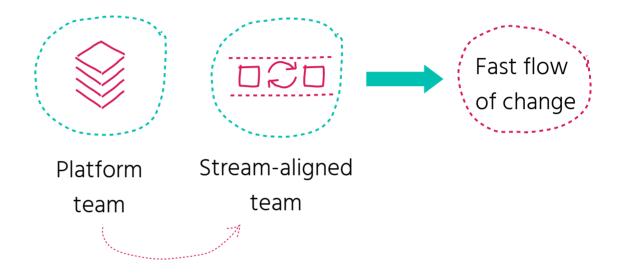


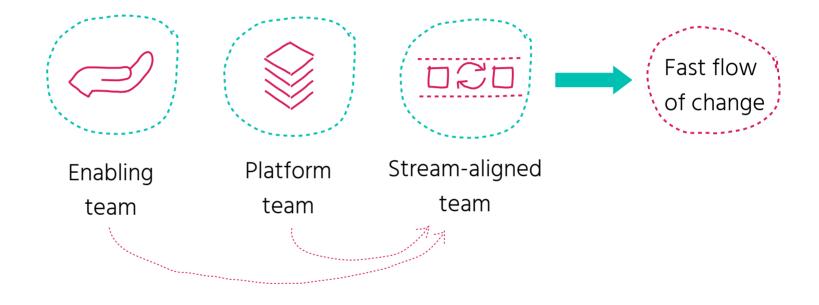


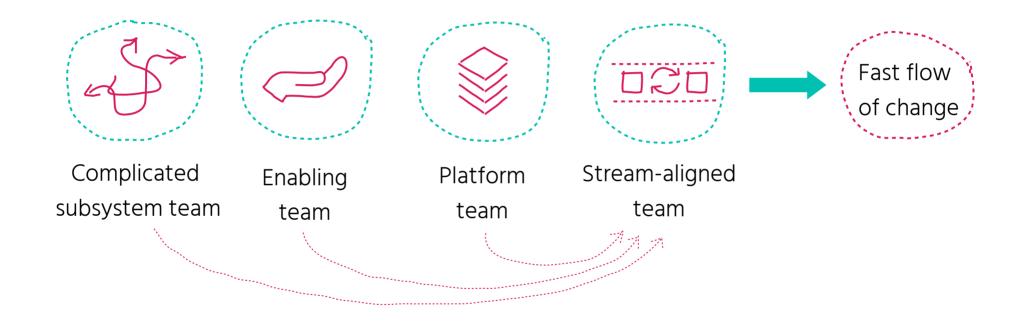


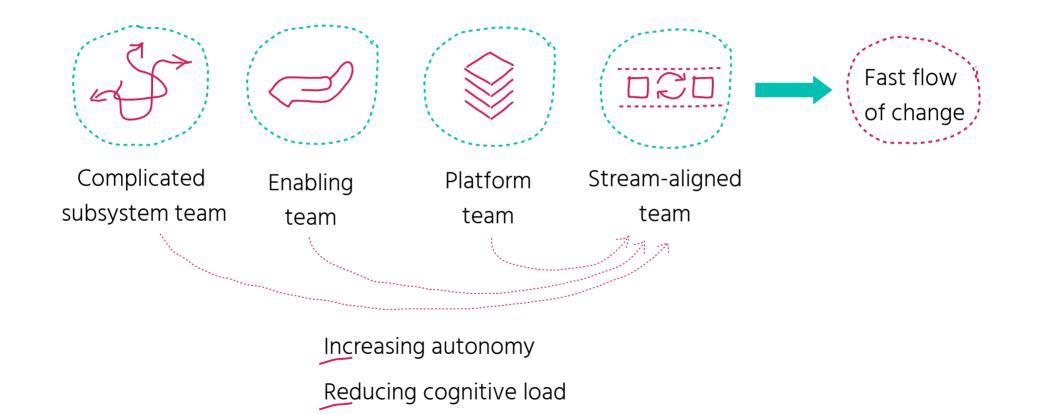
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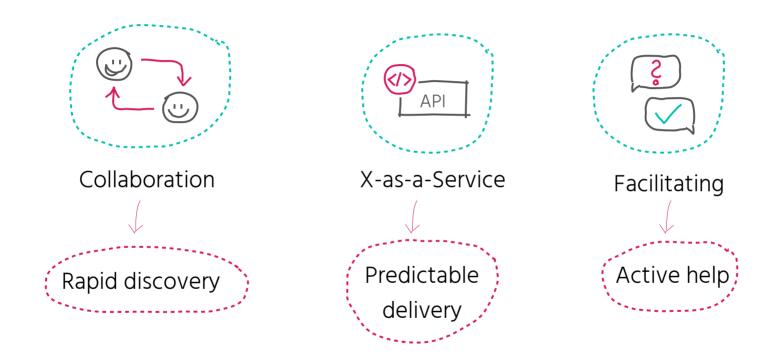


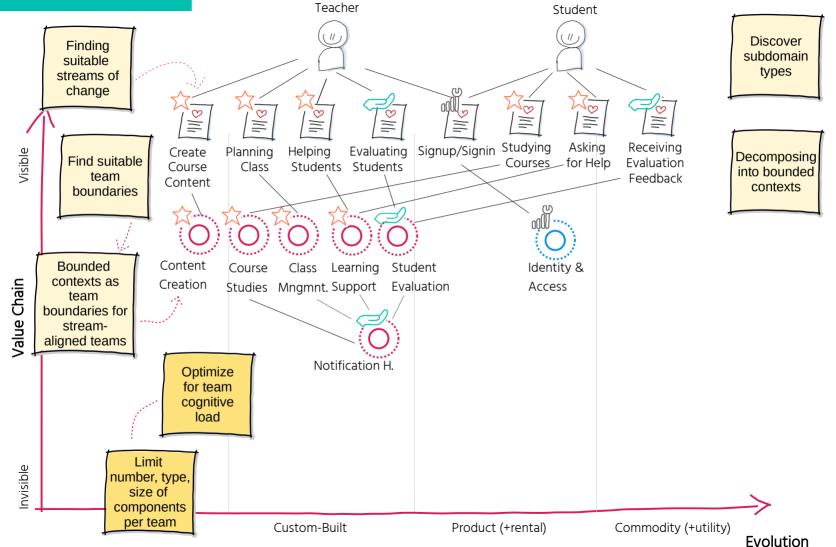




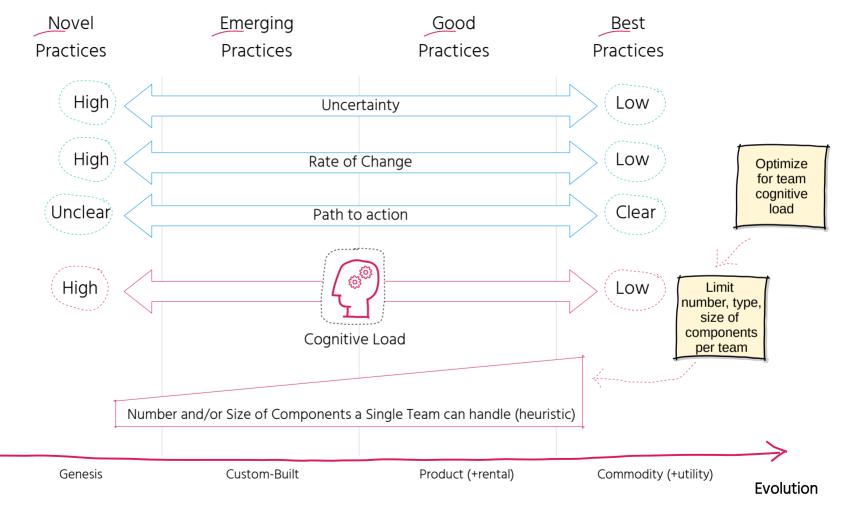


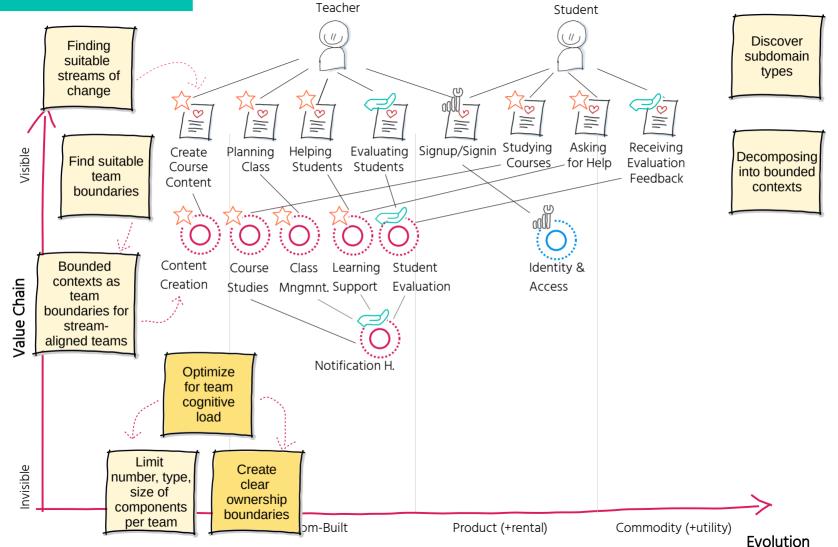


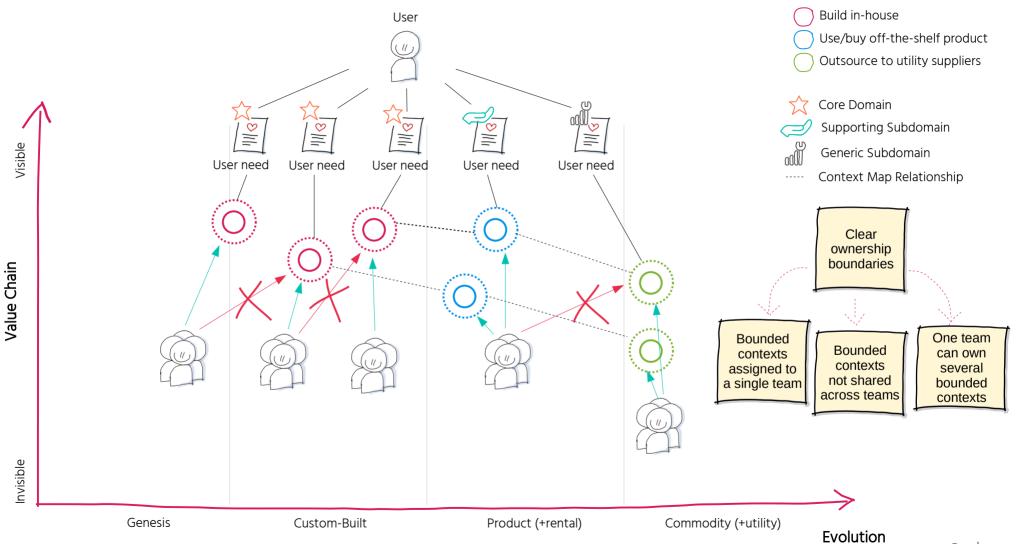


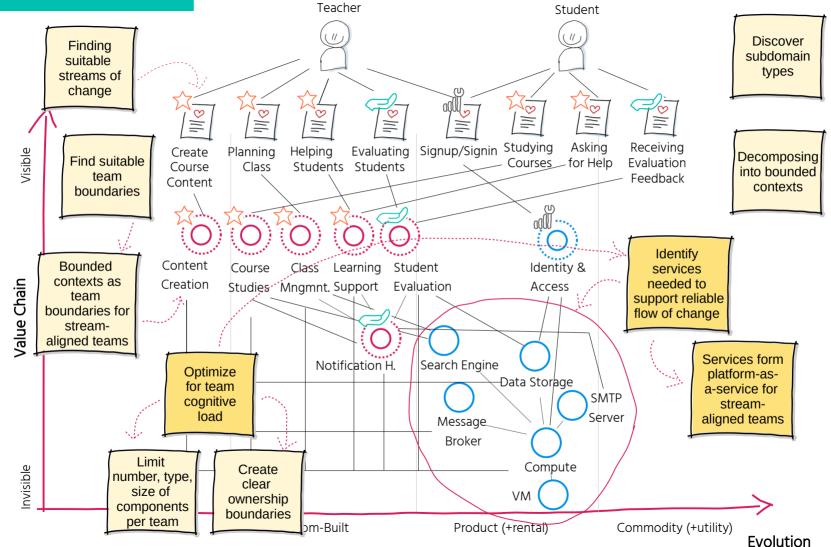


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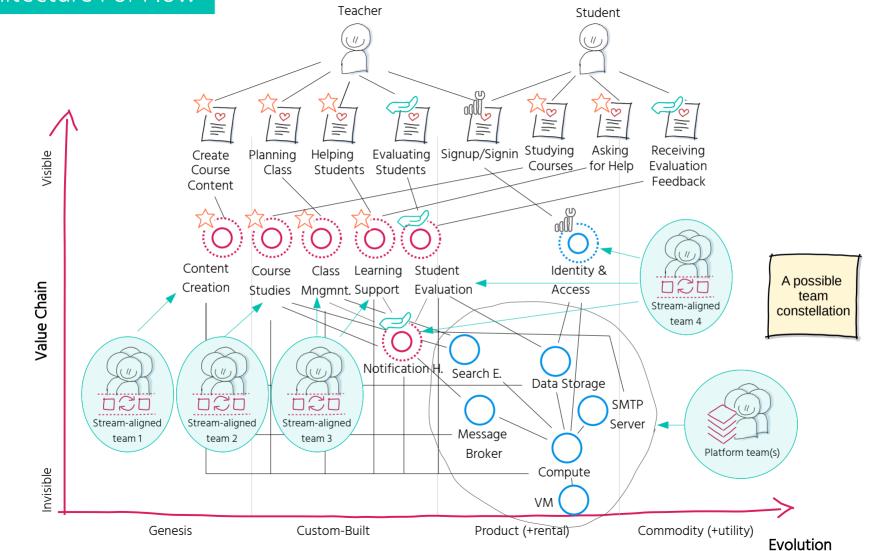




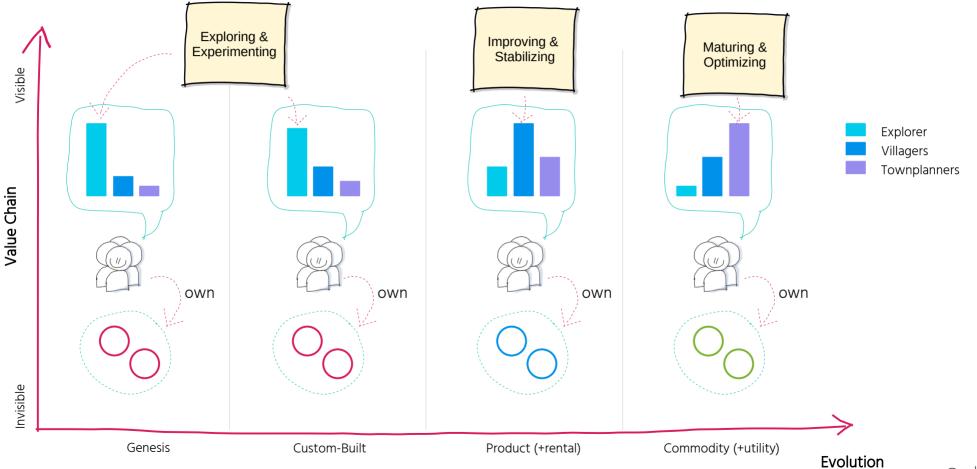


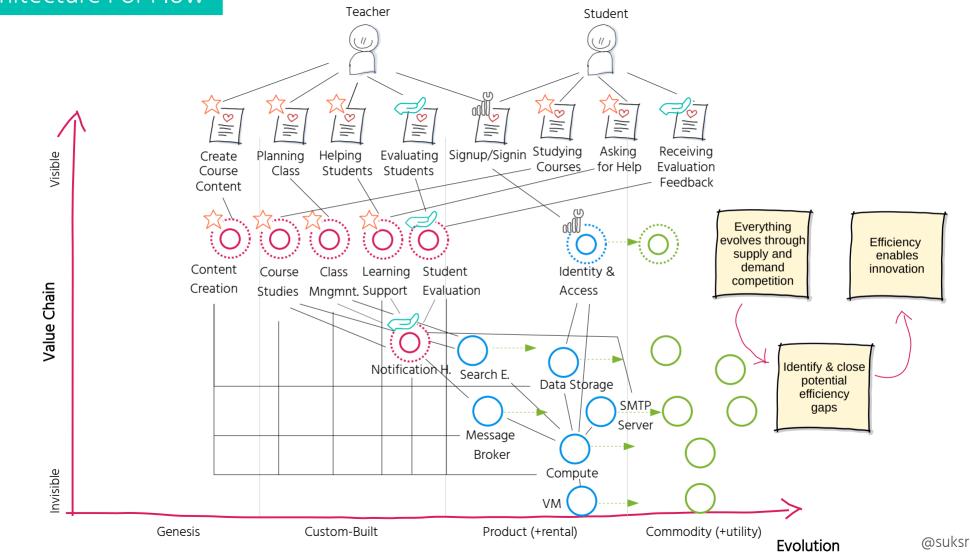


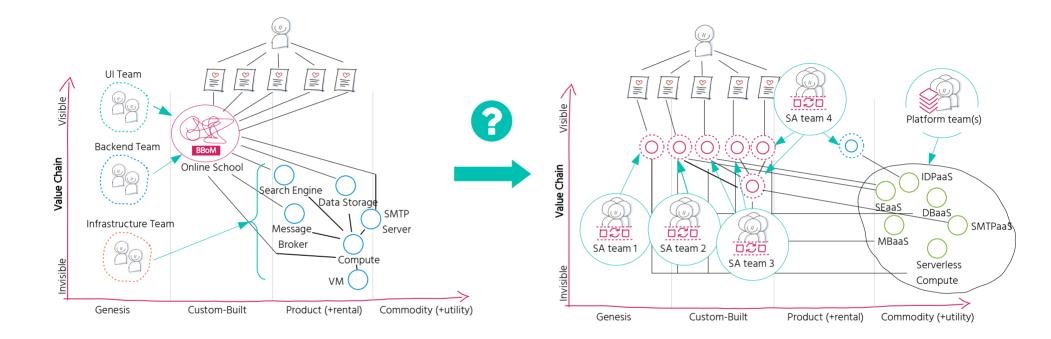
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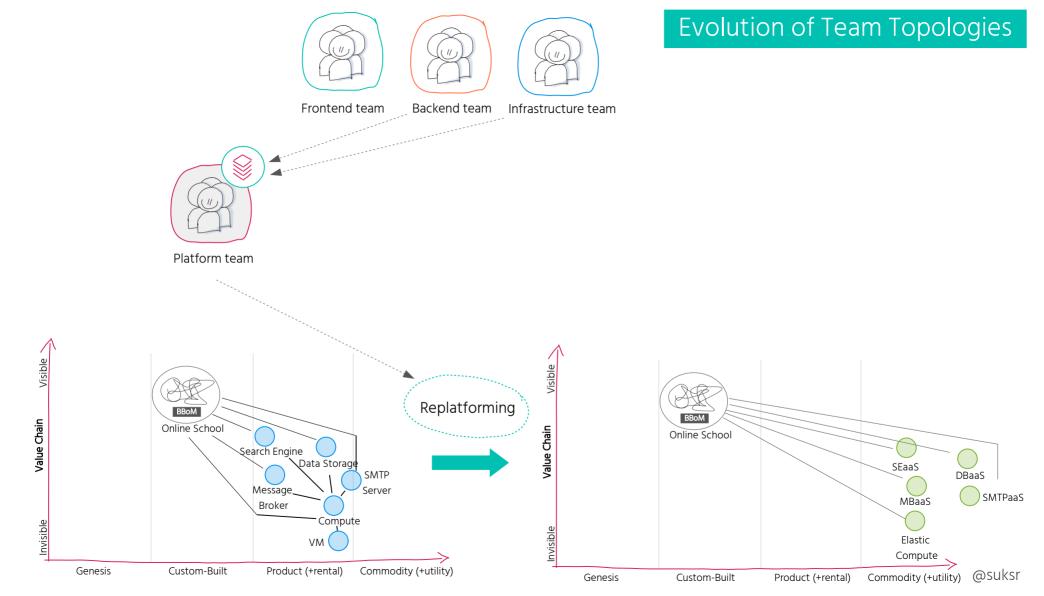


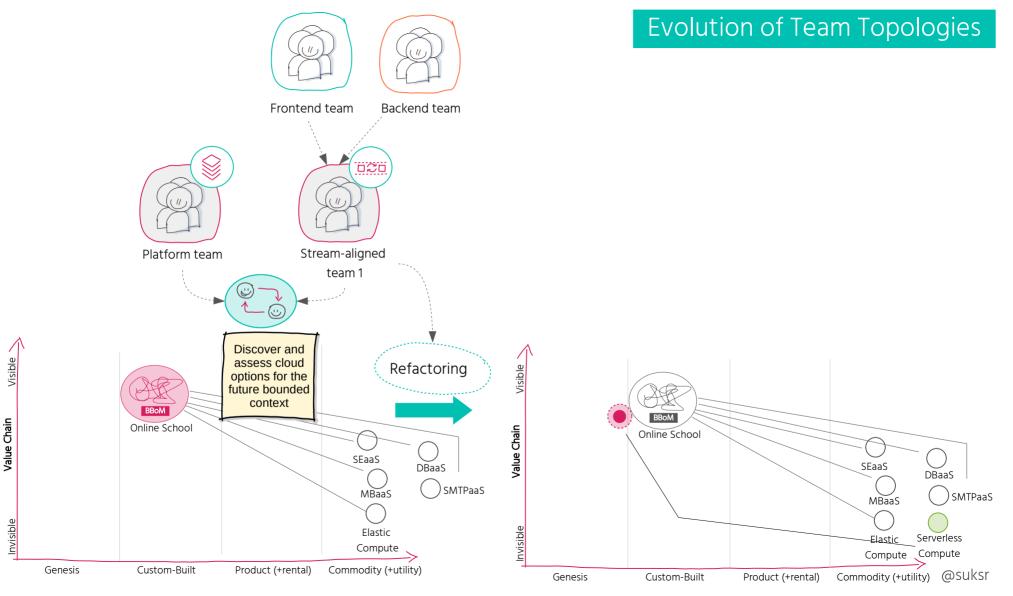
Build in-house
Use/buy off-the-shelf product
Outsource to utility suppliers



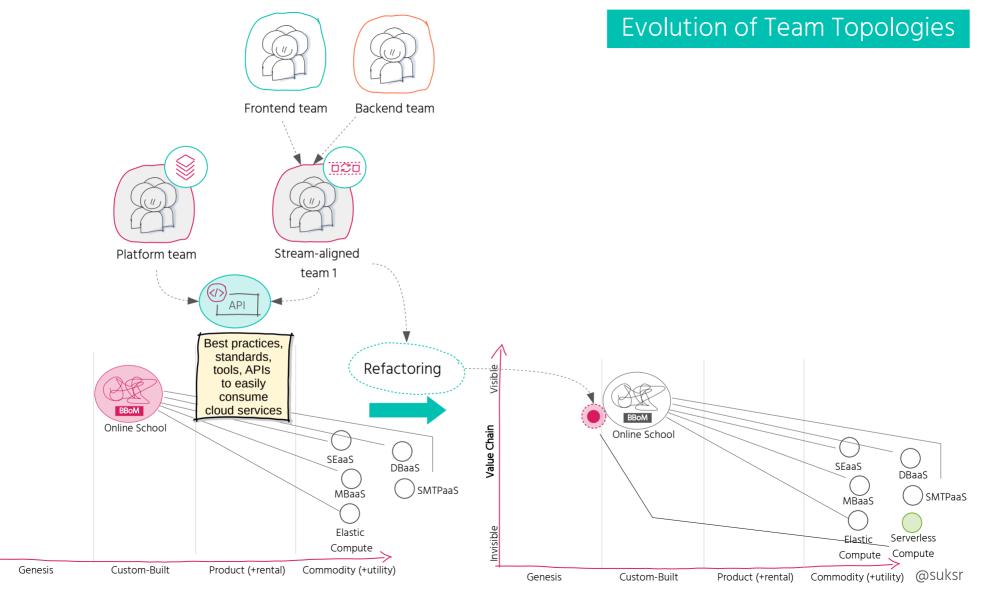








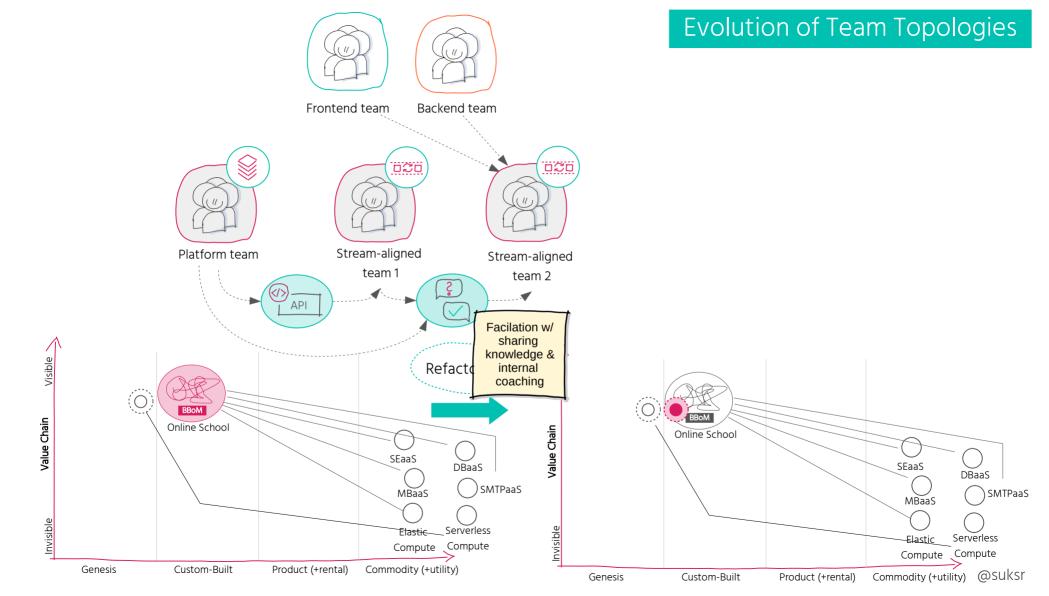
Value Chain

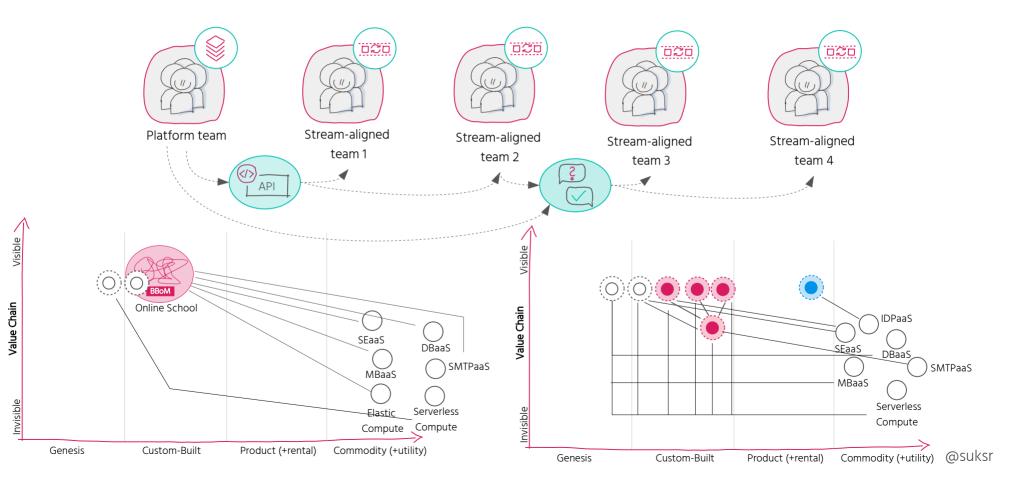


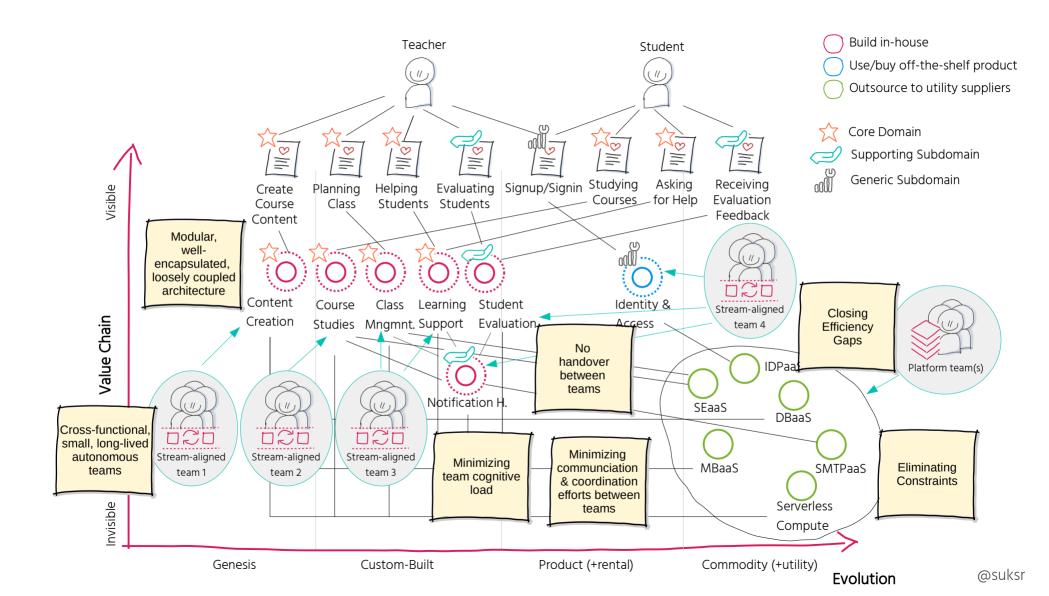
Visible

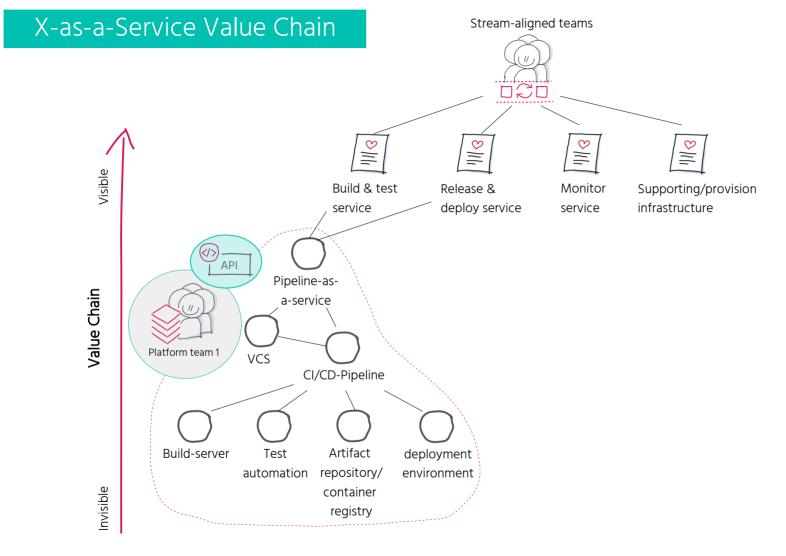
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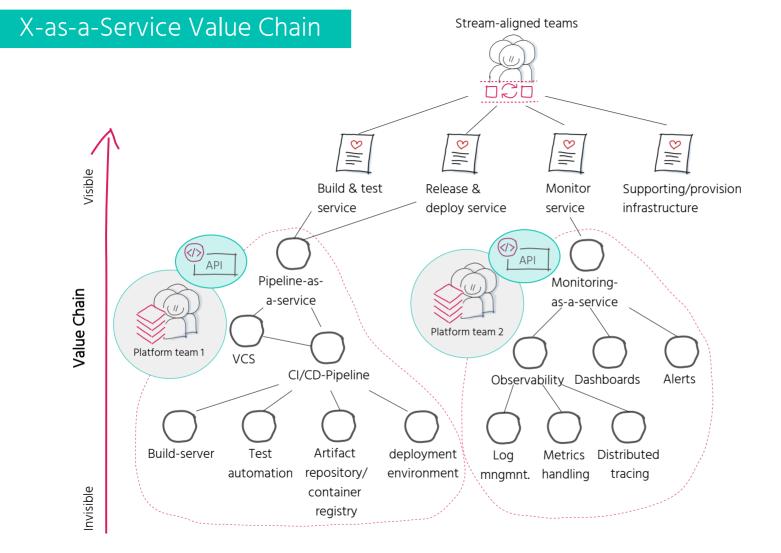
Invisible

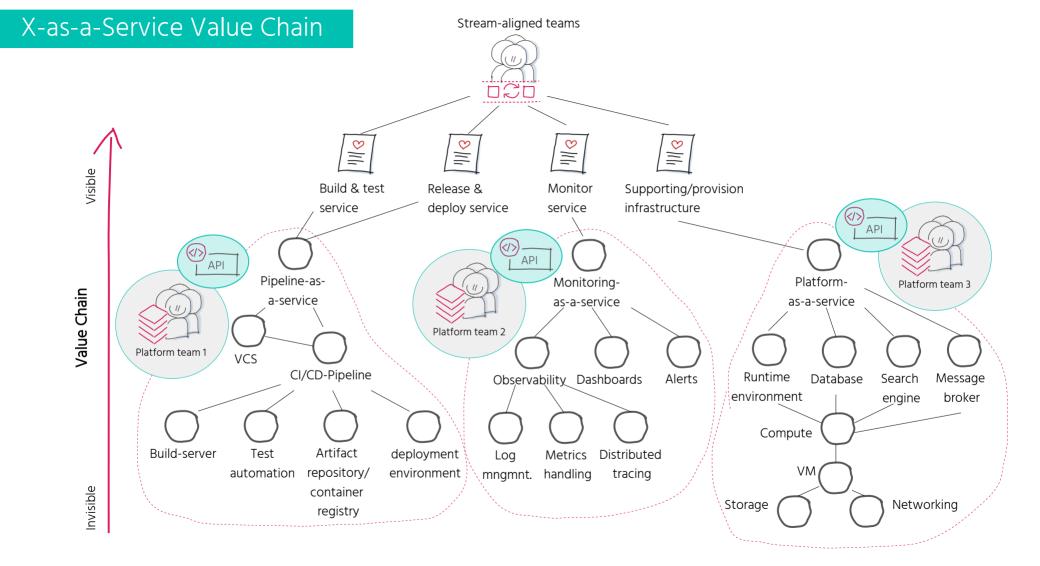


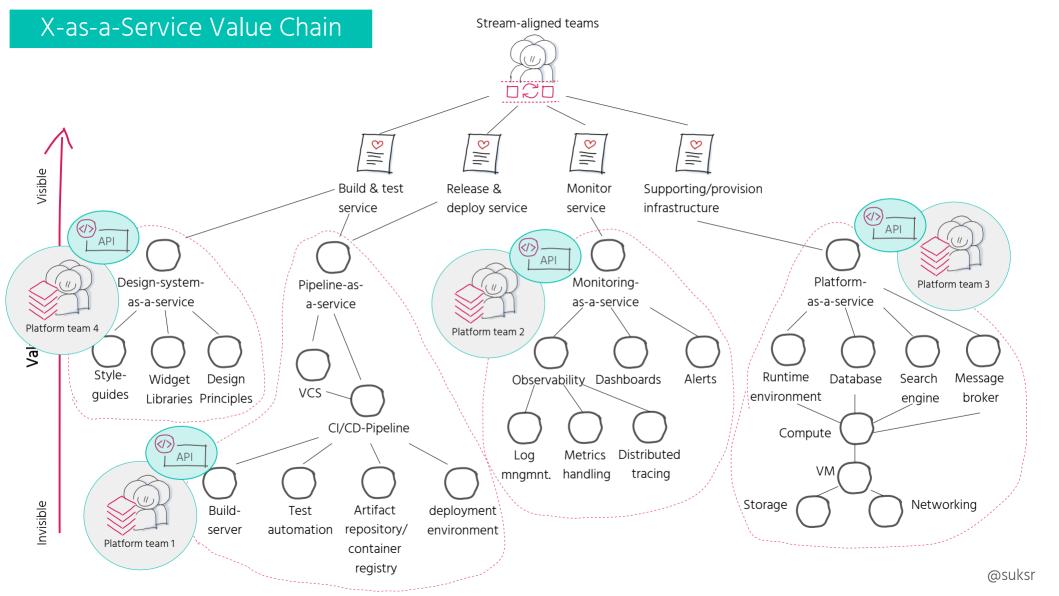


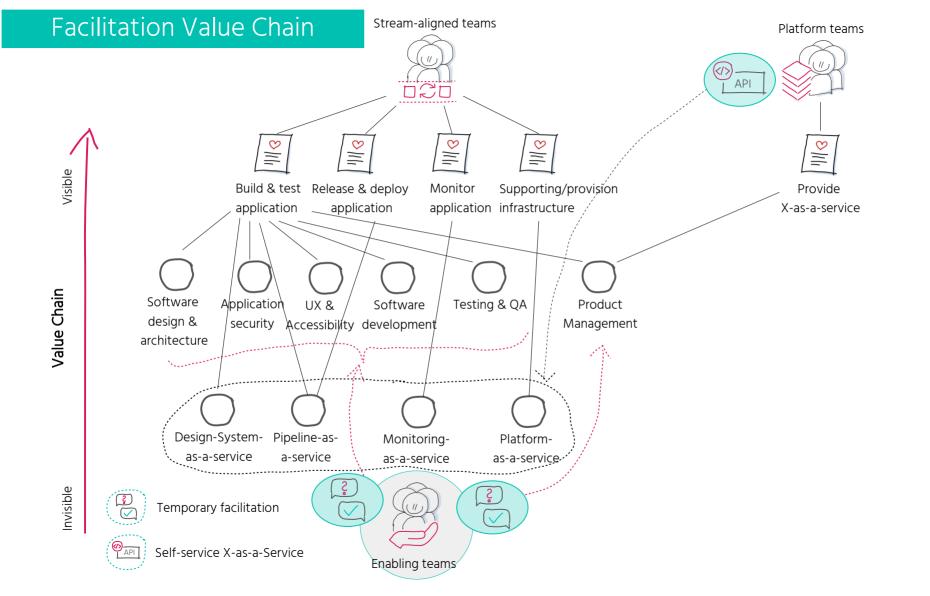


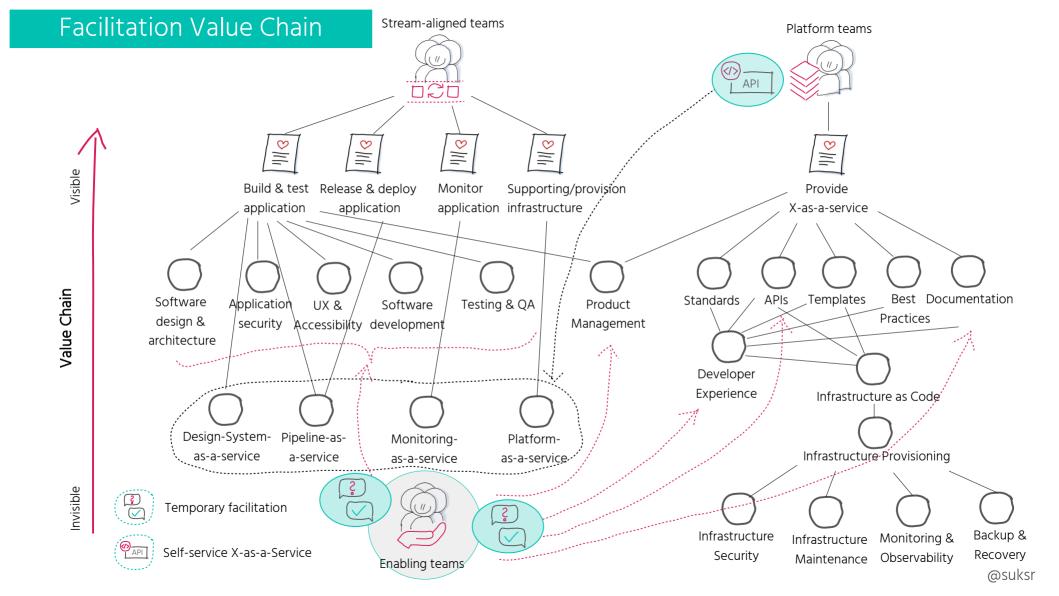




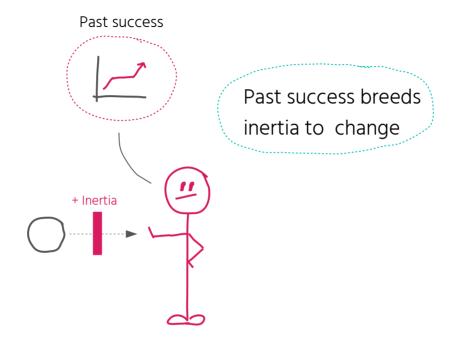




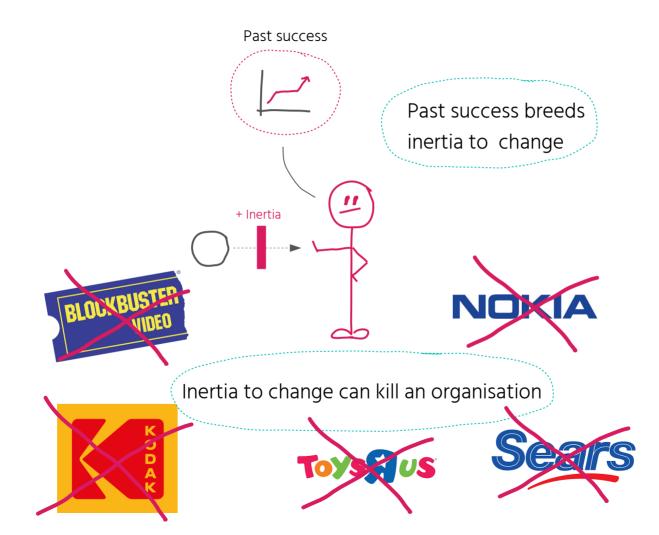


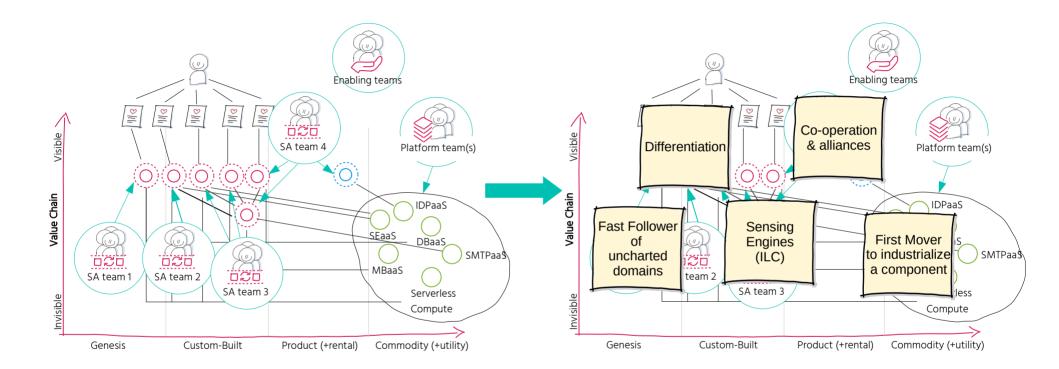


But we are successful, why should we change?



But we are successful, why should we change?



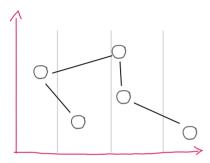


Responsive to Change

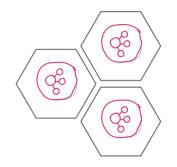
Leading future Change



You could start with ...



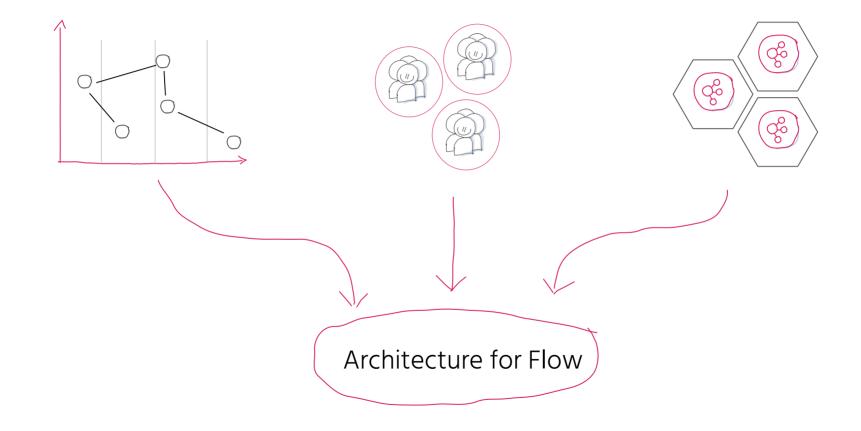




... a Wardley Map to understand your competitive landscape, and use the map as a foundation for future discussions

... or your current teams and analyse their current cognitive load and bottlenecks

... or identifying suitables seams for modularisation with subdomains & bounded contexts And their paths eventually cross ...





Wardley Mapping

Domain-Driven Design

Team Topologies

- 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



Wardley Mapping

Domain-Driven Design

Team Topologies

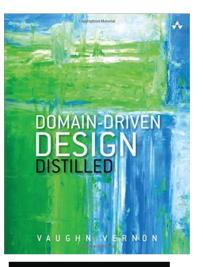
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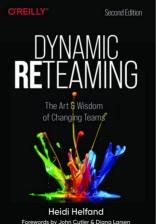
- Modular, well-encapsulated architecture & welldefined ownership boundaries w/ bounded contexts
- Aligning teams and evolving their interactions to the system we build & the strategy we plan
- Eliminating delivery bottlenecks & increasing software delivery performance
- Optimizing for a a fast flow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

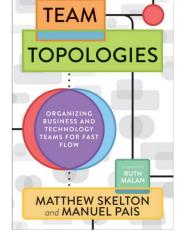
Some References







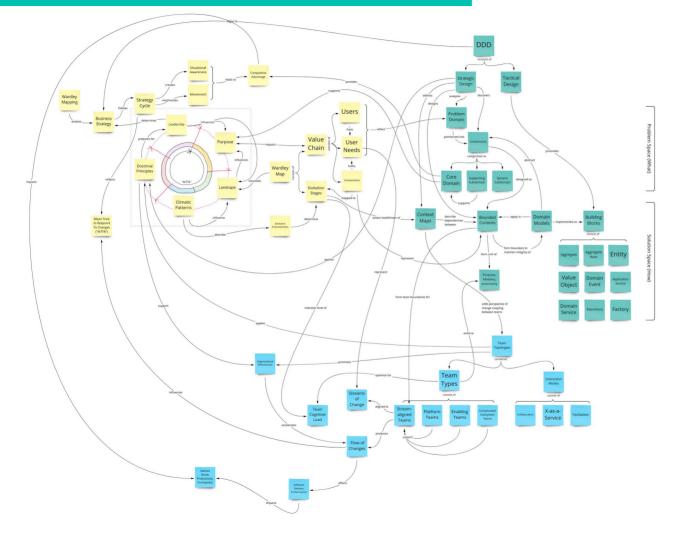


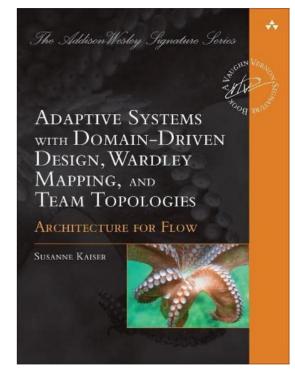


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@suksr

If you are interested in more details ...





THANK YOU

Susanne Kaiser Independent Tech Consultant @suksr