



# Agile Architecture



# Introduction



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### Background:

- In different (Chief) Enterprise Architecture roles for more than a decade.
- Supporting large and medium sized organizations in their agile architecture journeys at all maturity levels.
- Guest lecturer at the IC institute on Enterprise Architecture (and other topics).





### Quelques indicateurs

- +20 ans d'existence
- Chiffre d'affaires: € 16 Mio
- #consultants: + 80
- #clients: + 80 par année

### Services

- Transformation d'entreprise
  - Digital, IT & Agile

### Compétences de base

- Architecture d'entreprise
- Stratégie informatique & modèles d'exploitation

### USPs

- Indépendance totale
- Savoir-faire & expérience
- Organisation agile (COE)
- Master en architecture inédit (Europe)



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### Formations et evolutions

**MEA**  
2021

**Institute**  
Personal Growth Plan

**Institute**  
Masterclasses

**Institute**  
Bootcamps

### Activités R&D

- AI & architecture business
- 'Lean digital strategy and execution'
- ...

### Centre d'inspirations

- Conférences
- Networking, événements



## *Masterclass: Agile architecture*



Is your company in or considering an Agile Transformation? And do you struggle with the role of architecture in an agile organisation? Do you want to learn how -in practice- you can successfully take the role of the architect, in an agile context?

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**Then this INNOCOM Masterclass on 'Agile Architecture' could be a perfect fit for you!**

During **this 3-day session**, you will learn the **practical handles of agile architecture and agile architecting and learn HOW to use them via exercises.**

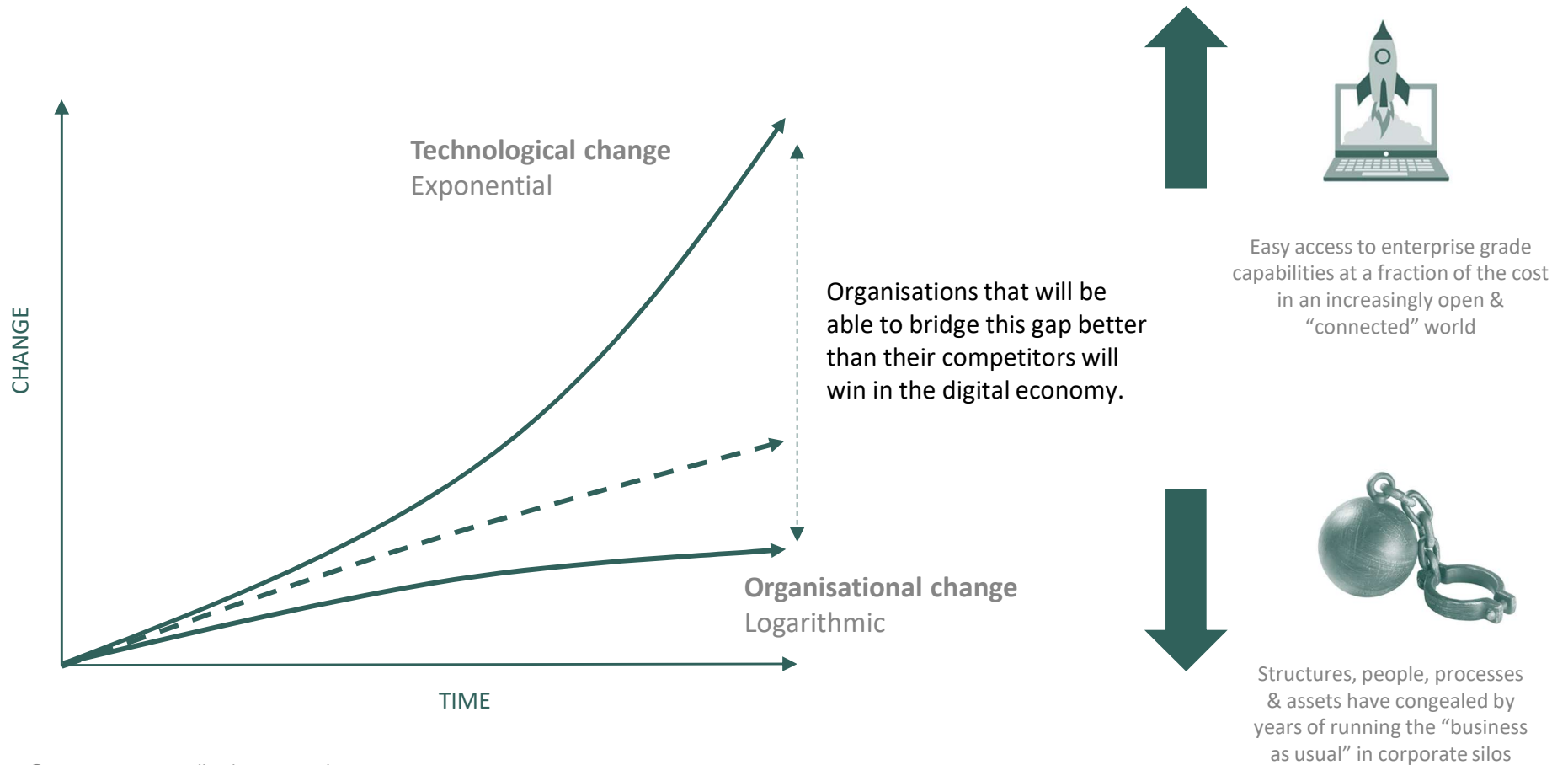
And of course, as of day one, you will be part of the INNOCOM community that you can address and that will support you in ALL your challenges.

The goal of this unique, interactive master class is to provide a highly engaging, proven educational program for current and aspiring IT and business architects who want to have an impact in companies applying agile methods and practices.

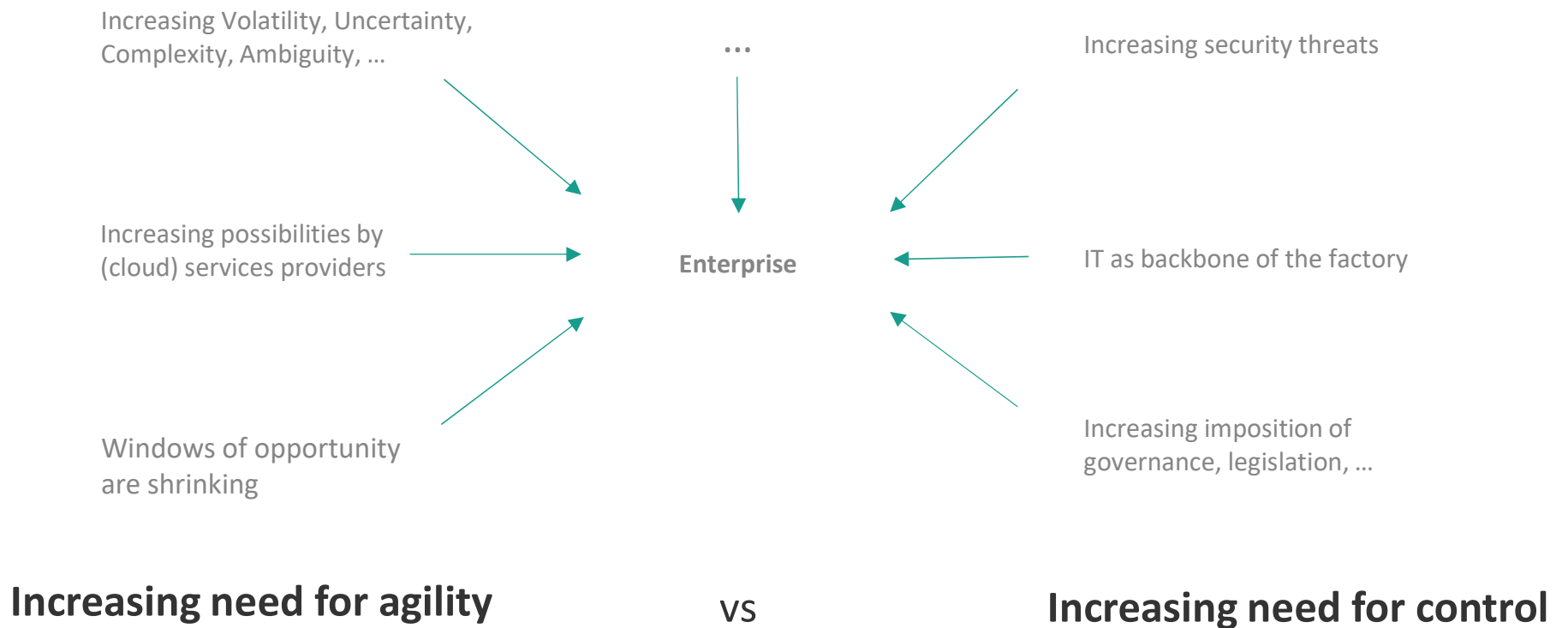
**A visible impact in YOUR career and for YOUR company!**

For more information and registration: <https://www.icinstitute.be/masterclasses>

# The challenge of digitalization



# The challenge the modern enterprise face



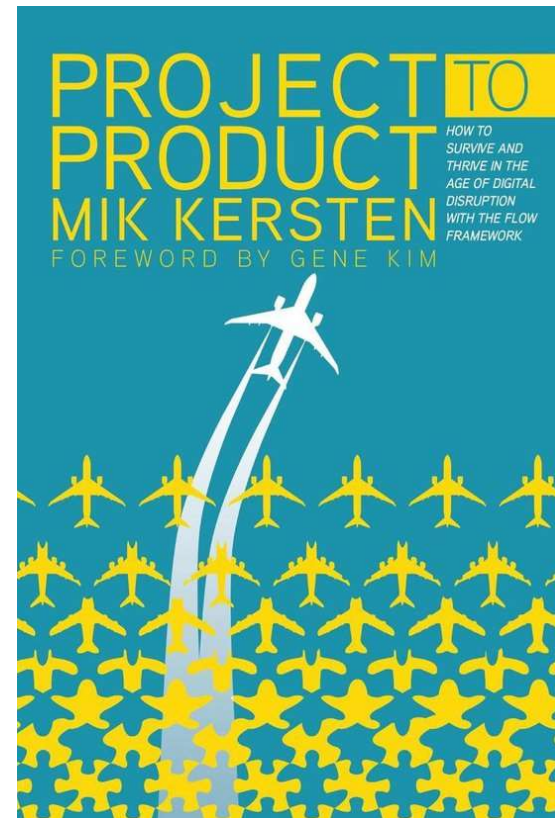
# We compete in the Age of Software



“The problem is not with our organizations realizing that they need to transform; the problem is that organizations are using managerial frameworks and infrastructure models from past revolutions to manage their businesses in this one.”

- Mik Kersten

ISBN-10: 1942788398



# An Unfortunate Truth



By “cutting corners” and focusing almost exclusively on immediate business gains, many organisations are severely impairing their own IT potential for the future

How to protect the organisation against its own short-sightedness?





# How Agile and Architecture are depicted...



## “Architected” approach



We'll figure it out before we act

## “Agile” approach



VS

We'll figure it out while we're acting



# The real change is actually different...



## Efficiency first



Optimized for utilization of people & resources  
Optimized for (internal) compliance



## Value first



Optimized to response for change  
Optimized for continuous value delivery



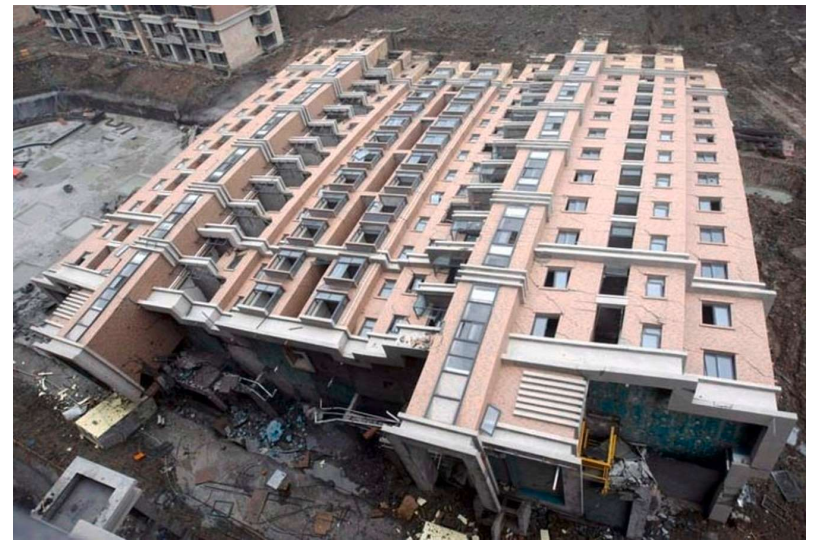
# Why is this a challenge for Architects?



What architects aspire



What architects fear



**Big Up-Front Design** is a successful strategy to realize the aspiration while reducing risks ...  
... when the environment is stable (enough).



# Agile Architecture



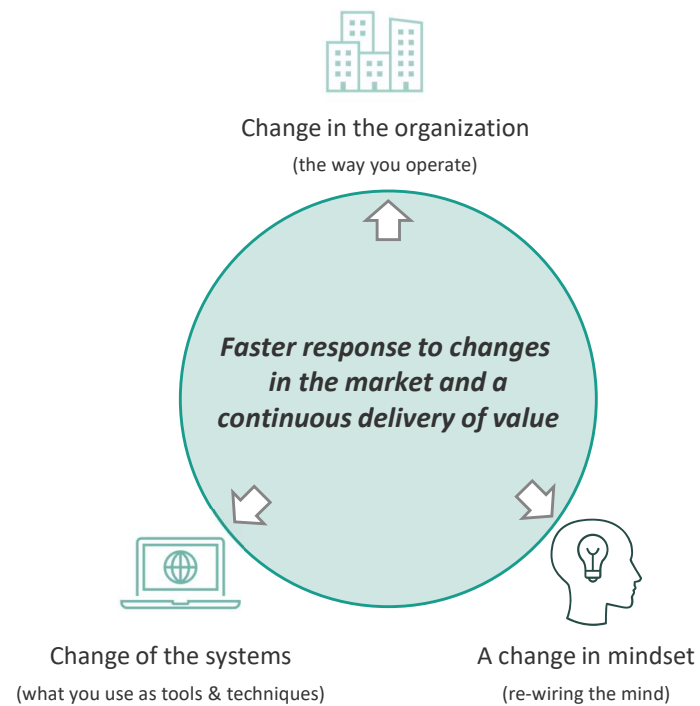
## Agile Architecture



Sensibly balance the short & long-term trade-offs  
and make the choices visible and understandable to  
all stakeholders.



# This change has a big impact ...



# Agile Architecture address these challenges

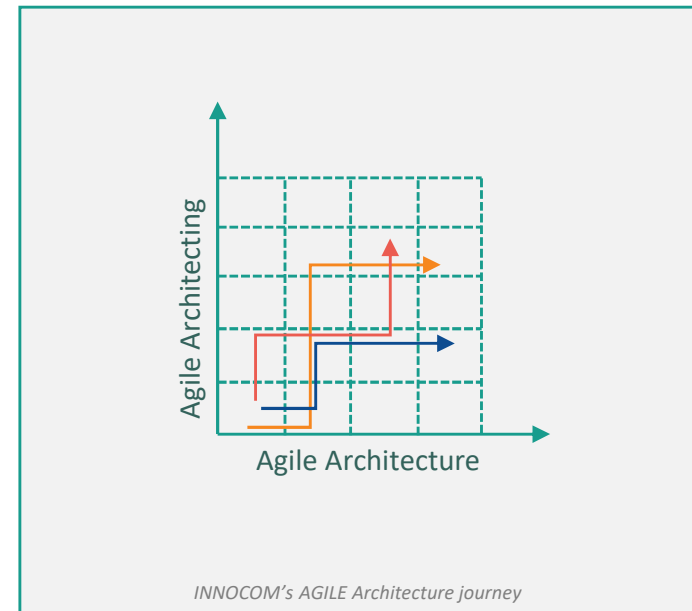


## Agile Architecting (what you do)

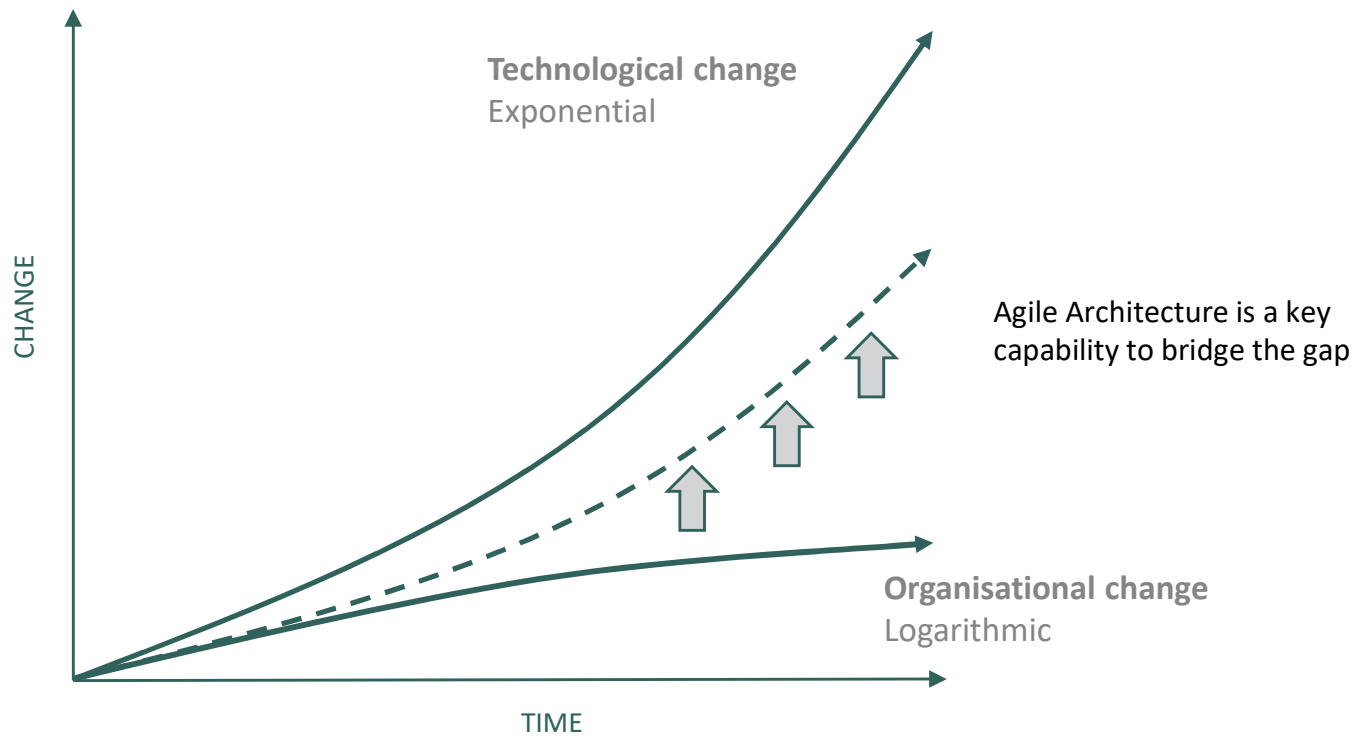
- The agile skills of the architects and architecture practice.

## Agile Architecture (what you build)

- The required agile characteristics of the system or architecture.



# The challenge of digitalization

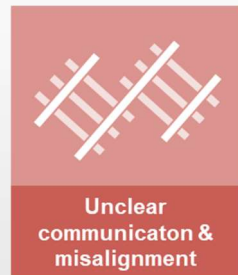




# Strategy translation is still necessary



Business Strategy  
"Aim"



Roadmap  
"Execute & evolve"





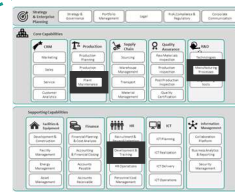
# Our *capability driven* approach



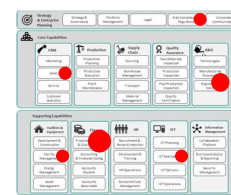
Business Strategy  
"Aim"



Enterprise Architecture  
"Align"



Strategic capability



gap



Roadmap  
"Execute & evolve"



- Business vision
- Business drivers & strategy
- Business objectives and outcomes
- Policies, inhibitors and constraints (e.g. regulations, legal requirements)

- The strategy is made explicit in terms of what it means for the "architecture" of the **business capabilities**
- The **unique company DNA** is visualised in terms of strategic focus and competitive differentiation

- The current state is considered against the desired state and gaps are analyzed
- Each capability is optimized up to the level which maximally supports the overall company strategy

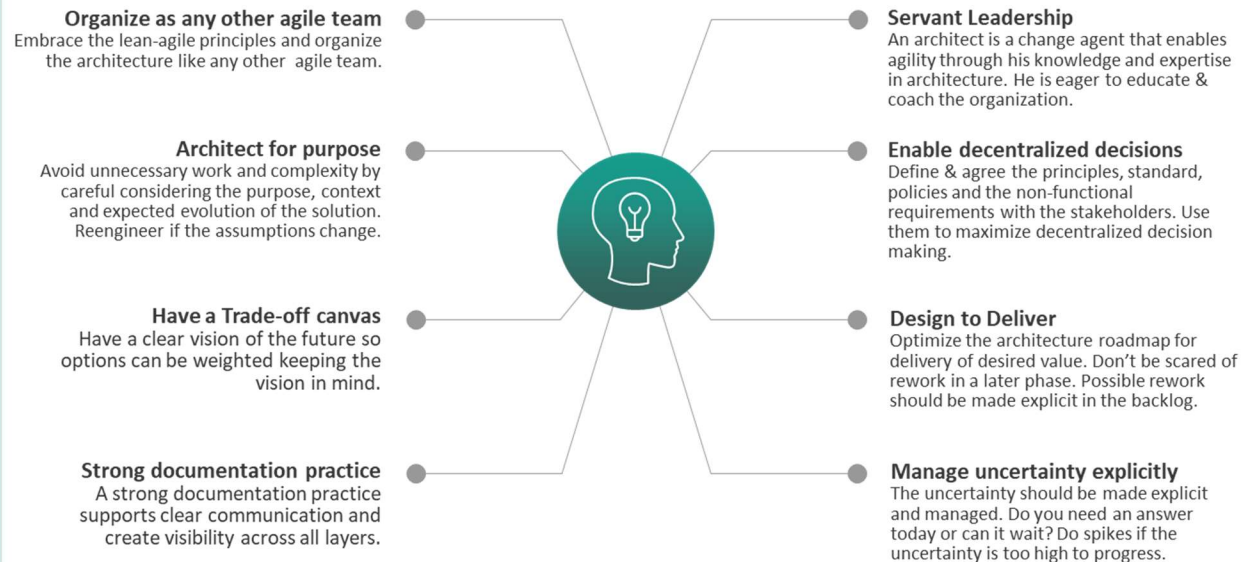
- The roadmap covers the projects to ensure the adaptation of the business capabilities (changed/new). These are prioritized by:
  - Value, strategic fit (linked to goals and value propositions) and project risk
  - The affordable company resources



# Key handles to tackle the challenge



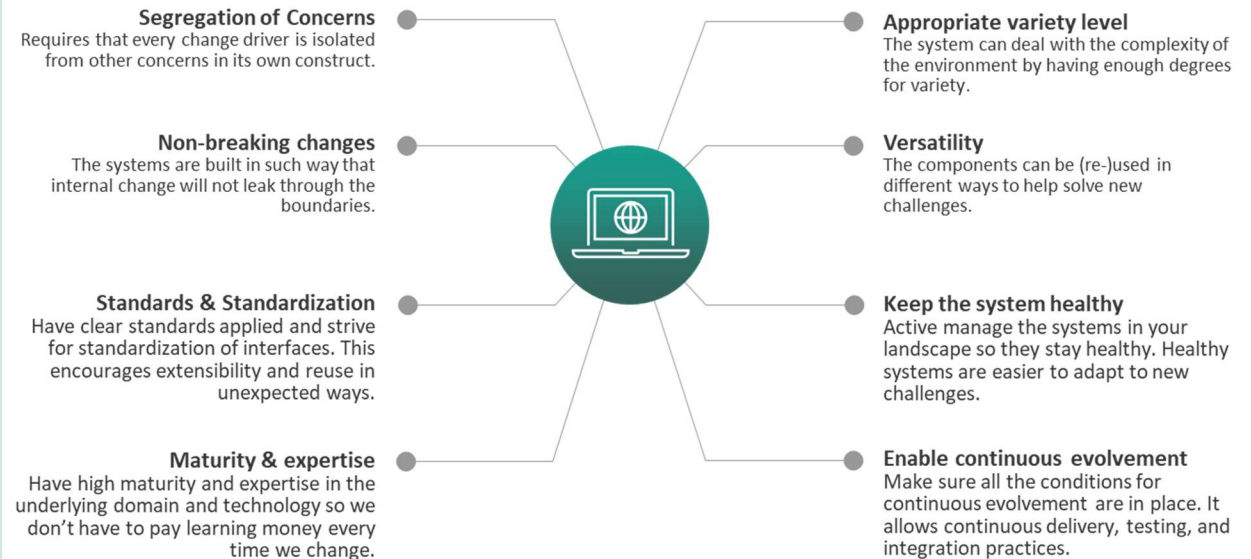
## Eight key handles for agile architecting



# Key handles to tackle the challenge



## Eight key handles to develop an agile architecture







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