Reverse engineering a solution
This tool is to support you in taking apart an existing solution, to understand the constituent elements it is made of, how they connect and how they can potentially be applied to your challenge.

Describe the existing solution:
Using the prompts below, describe the existing solution.

- What is the solution called?
- What are the key features of this solution?
- What problem does it solve, or what value does it deliver?
- How does this solution relate to your problem?
- Why did you choose this solution? What inspired you?

Analyse the existing solution:
Use the prompts to break the solution down into key components, exploring what are the enablers of the solution are, how they are connected and how you might use to inform how you tackle your own challenge.

- Services and products
  - What existing services, products or systems are used?
- Organisational structure and culture
  - What is it about the organisational structure or culture that enables the creation and delivery of the solution?
- Processes
  - What do the development, production or delivery process look like?
- Services and products
  - What existing services, products or systems are used?
- Organisational structure and culture
  - What is it about the organisational structure or culture that enables the creation and delivery of the solution?
- Channels and technology
  - What existing technologies, tools, platforms and channels are used for delivery?
- Key decisions and constraints
  - What are the key design decisions? And what are the constraints that bound the solution? (e.g., legal, financial)
- Resources
  - What resources enable the solution (e.g., knowledge, finance, materials)?
- Policy
  - What policies are in place that enable this solution?
- Key actors
  - Who are the key actors/stakeholders involved in delivering the solution?
- Strategies and leadership
  - What type of strategy and leadership is needed to drive this solution?

Identify key components:
Using the prompts below, describe the existing solution.

- What are the key components and how are they related?
- Which key components can be replicated in your context?
- Which key components cannot be replicated for your context?