



Introduction

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Challenges in Construction

The construction industry is largely inefficient, with low productivity and digitisation. Continuing in the same way will undermine our society's ability to deliver the critical, social and physical infrastructure we need.

**Low
Productivity**



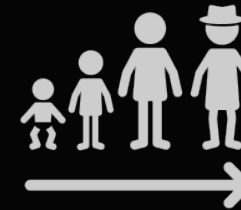
**Low
Predictability**



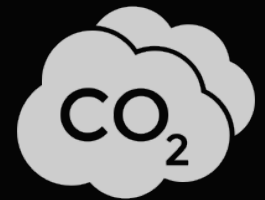
Fragmentation



**Ageing
Workforce**



**High Carbon
Impact**



The Construction industry must address and overcome significant challenges to realize the productivity and efficiency gains promised by offsite construction.



Productization

Where Offsite Construction offers an opportunity is in supporting the shift towards productization. According to Autodesk....

“We need to move beyond prefabrication and embrace productization - creating standard components that are used in not just one project, but many. This means moving manufactured assemblies to the front of the design process and anchoring your data in a platform.”





Overview



KOPE is an ecosystem that brings together experts from the design, construction, prefabrication and software spaces to build an industry leading platform. Our vision is to enable the transition of traditional construction to integrate more offsite processes and products.

We do this through three key parts. Our automation platform, KOPE Construct allowing construction to bring products and projects together. KOPE Market, a series of local marketplaces supporting the industry to make connections and advance quality work, and KOPE Lab, our team of experts supporting this transition through customised engagements, laying the groundwork for the future of construction.

KOPE market

KOPE Market relates to our localised marketplaces where industry professionals can connect their project needs directly with suppliers providing products and systems to advance the growth of offsite construction.

KOPE construct

KOPE Construct is our Product Application Platform enabling offsite construction through the instant exploration and integration of prefabricated products and systems directly within your projects.

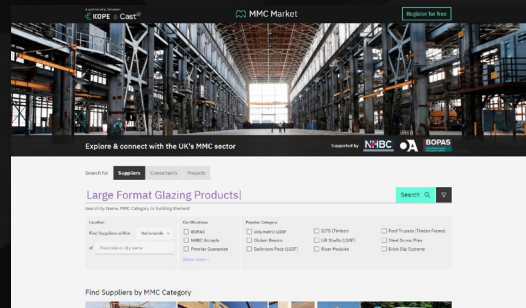
KOPE lab

KOPE Lab is our digital transformation and innovation team for the built environment and beyond. Combining deep knowledge of industry practices with new technologies, we are revolutionising the processes used within organisations to transform the way people work.



KOPE Platform

KOPE Software Platform

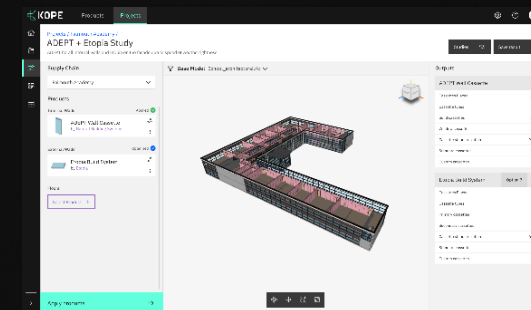



www.MMC.market

www.offsite.market

KOPE **market**

KOPE **construct**



<https://construct.kope.ai/> 

Products

Supply Chain

Projects

Procurement

KOPE allows products from the marketplace to be applied automatically to building designs based on project requirements, creating a new offsite, supply chain for direct procurement.

100





KOPE construct

About

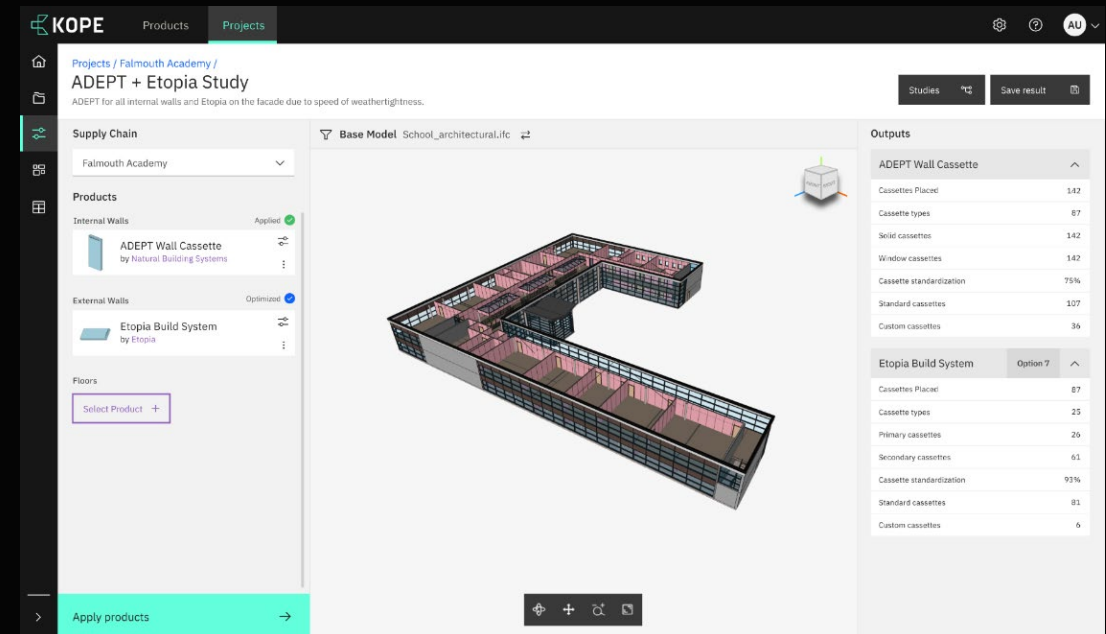
The construction industry's first **Product Application Platform**

A cloud-execution platform and optimisation engine that:

- connects offsite products and systems from the marketplace to projects
- supports early decision making through configuration, testing and rework
- Allows you to go from conceptual design information to fabrication-led models

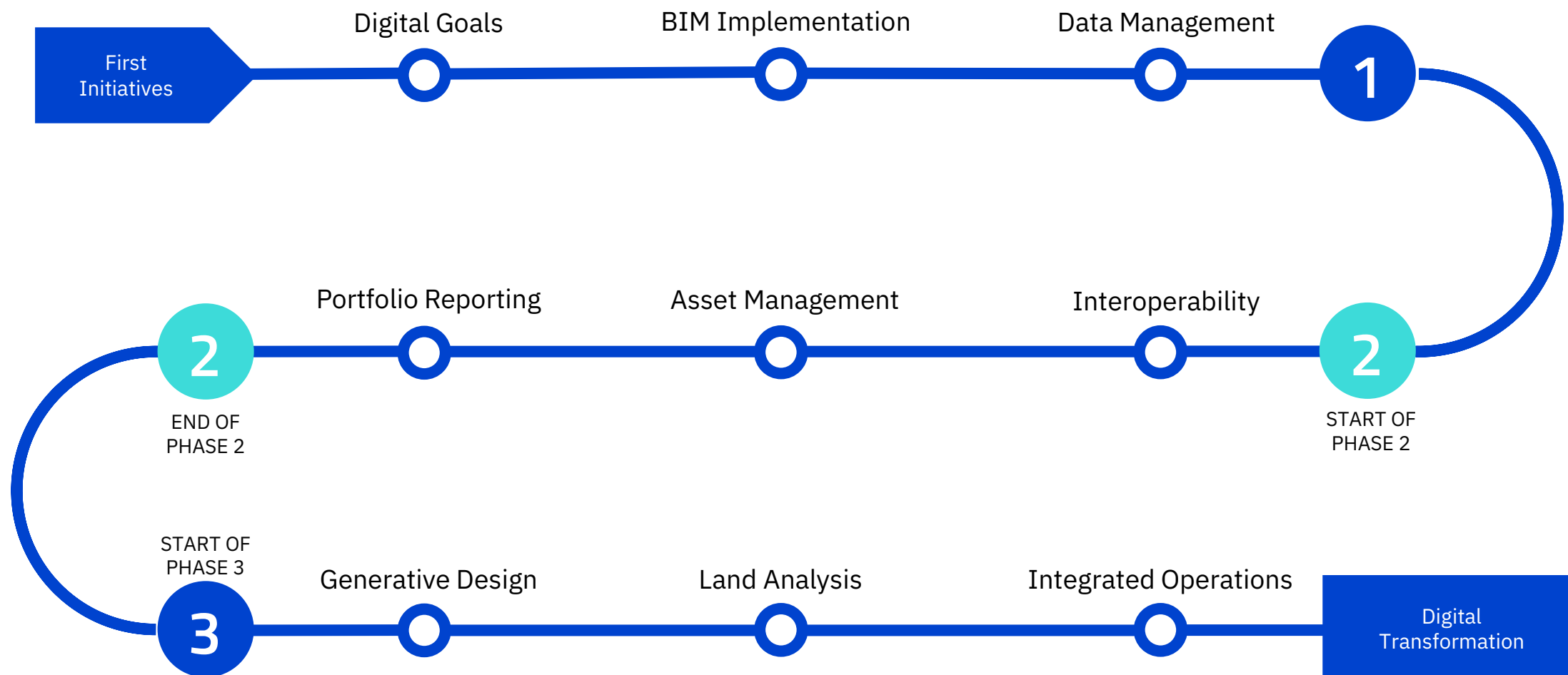
Our goal is to build a platform that accelerates the adoption of offsite construction processes, systems and products. This is done by making all products automatically applicable reducing the need for manual design work.

<https://construct.kope.ai/>





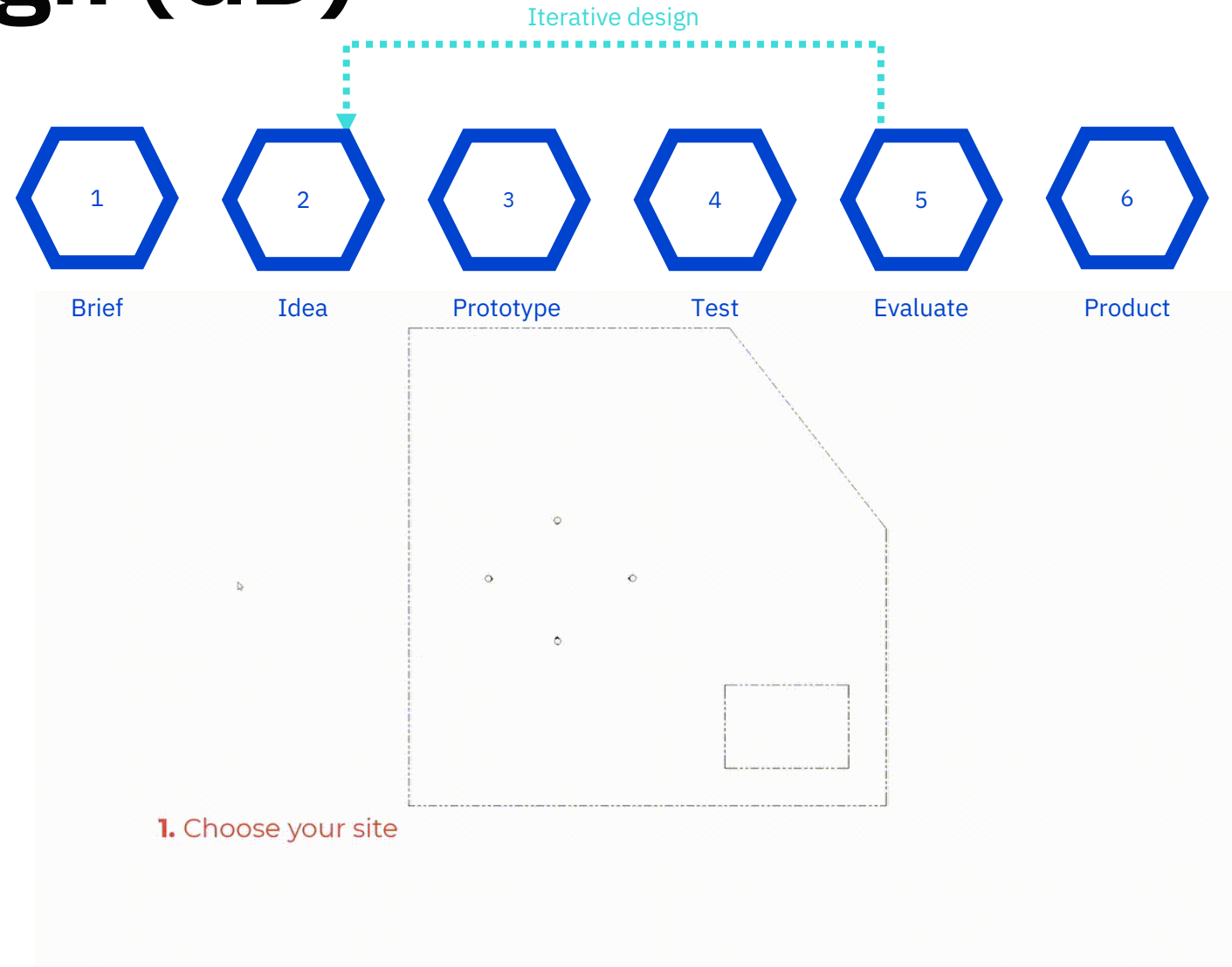
Delivering Transformation





Generative Design (GD)

We have extensive experience of working with clients to create generative design tools and workflows that enable them to pre-set design parameters, obtain design studies quickly and compare them against each other, ensuring that they provide feedback to the designer on what works and what could be improved.



Trusted By

Join the innovative companies leveraging KOPE to revolutionise how they deliver residential, commercial, healthcare, educational and infrastructure projects.





KOPE in Action



<https://youtu.be/n2nKbRzrlB0>



Products into Projects

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