

Design as a Service (DaaS)

Capturing your product logic in KOPE





Introduction

About the speaker



Ollie Green

- Former architect
- Former software developer
- Product Manager at KOPE

Liaise between worlds of construction,
manufacturing and software development.

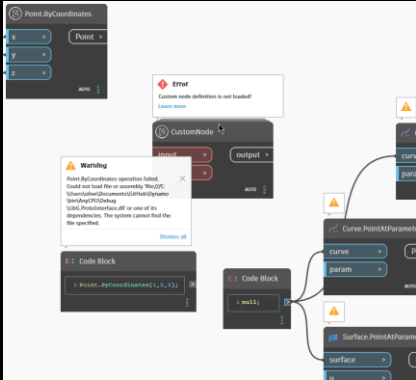




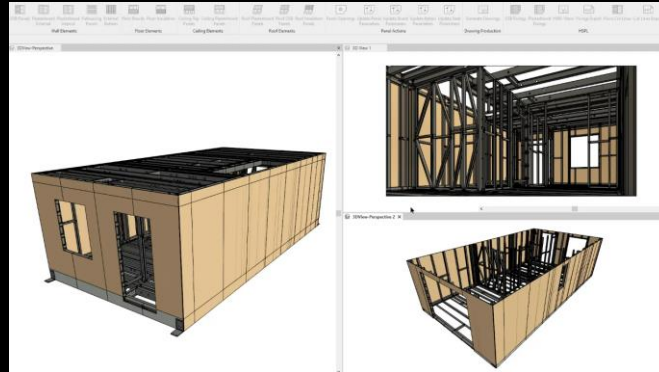
Our journey



Autodesk Dynamo



Large volumetric module

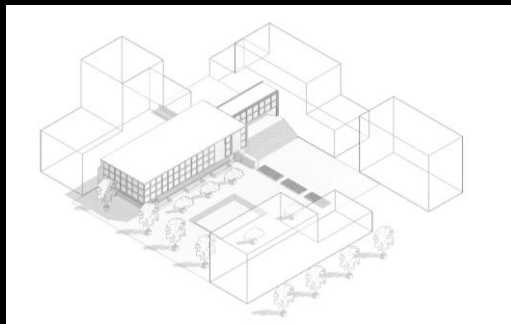


Transition from AEC tech consultancy to SaaS startup.

No plugins. 100% from scratch.



Unitize



Talk Overview

Part 1

For Marketing & Business
Development Managers

Part 2

For Bid Preparation
Teams



Part 1: Visibility

The visibility problem

Offsite construction is still growing



Gradual change is not always obvious

How do you get seen by the right people?



How do you stand out against the competition?

Where does one look?

Construction has historically had very poor visibility into the supply chain.

Offsite is no exception to this.

- Search Engines
- Internal Spreadsheets
- LinkedIn
- Large Language Models (LLMs)
- Industry Magazines
- Previous Collaborators



How do we choose?



If you don't know the space already, how do you pick which suppliers will make the right partners?

- Previous successful projects / awards
- Industry Accreditations (NHBC, BOPAS)
- Companies House Records
- Asking Around

Why isn't this data available online in an open and transparent way?





KOPE Market

KOPE Market

Search + filter hundreds of suppliers



A partnership between **KOPE & Cast** **MMC Market** [Register](#) [Login](#)

← Back to home page

Search for **Suppliers** Specifiers Case Studies Products

333 results for Search... [Search](#)

Actions

- Send message →
- Compare →
- Add to supply chain →

Filters

Verified Profiles

Only show verified profiles

Location

Suppliers in **Nationwide**

of

Building Systems

- Balconies
- Facades
- Floors

[Show more](#)

Procurement Frameworks

- Building Better Category 2 DPS
- Building Better MMC Category 1
- CHIC: New Build Offsite Manufacture

List **Map** **Sort by Default**

- Etopia**
 Etopia's aim is to enable the construction industry to deliver eco-friendly MMC homes that achieve The Future Homes Standard. Etopia designs, manufactures and installs a cutting-edge MMC Category 2 build system. Using our unique hyper-SIP (Structurally Insulated Panel) system, we deliver sustainable, high-performing energy efficient homes wit...
- EcoReadyBath**
 EcoReadyBath, a leading European manufacturer of bathroom pods, takes pride in delivering high-quality modular bathrooms. Our commitment to excellence is evident in our rigorous quality control measures, which span the entire production process, from steel fabrication to the final cleaning of the bathroom pods. Every step of the way, we ensu...
- Binderholz**
 Franz Binder senior turned his passion for wood into a profession during the 1950s. Still only a small sawmill operation 50 years ago, binderholz today presents itself as a leading European company, equipped with advanced technologies and production methods, with a corresponding reputation on the timber material market.
- Ideal Lifts Limited**
 Ideal Lifts specialise in offsite passenger lift solutions for modern methods of construction (MMC) including timber frame, light gauge steel (LGS) and modular methods of building. The Ideal Lifts Frame System is an innovative stand-alone structure that negates the need for traditional concrete lift shaft construction. Smarter than traditional...
- Roger Bullivant Limited**
 Roger Bullivant Limited (RB) is a Foundation Engineering Company specialising in the design and construction of foundations for all types of buildings and structures in all kinds of ground conditions. Foundation designs are individually engineered to satisfy project and customer needs and always with an eye on value engineering.
- Keegan Precast Ltd**
 Keegan Precast Ltd part of the Keegan Group have been specialising in the design, manufacture and installation of high quality precast products for over a decade. Our plant located in Tramore, Bathmohon, Co. Meath, Ireland is a

KOPE Market

Search + filter hundreds of products



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← Back to home page

Search for **Suppliers** **Specifiers** **Case Studies** **Products**

432 results for

Focus your search by Sort by Date Added (Most recent first)

- KOPE Content +
- Suppliers +
- Building System +
- Materials +

<p>Modular Engineering Toilet Modules Prefabricated Plant</p>	<p>Modular Engineering Sectional Risers Prefabricated Plant</p>	<p>Modular Engineering Wall Modules Prefabricated Plant</p>	<p>Modular Engineering Corridor Modules Prefabricated Plant</p>
<p>Modular Engineering Utility Cupboards Prefabricated Plant</p>	<p>Prism Offsite Manufacturing MEP Modules Prefabricated Plant</p>	<p>POINT1 Building Systems SIPs Wall Panel Structural Insulated Panels (SIPs)</p>	<p>Thomas Carter SIPs Wall Panel Structural Insulated Panels (SIPs)</p>
<p>Sip Hus Ltd SIPs Wall Panel Structural Insulated Panels (SIPs)</p>	<p>Ovolo Interiors SIP Wall Panels Structural Insulated Panels (SIPs)</p>	<p>Lansdowne Green SIPs Wall Panel Structural Insulated Panels (SIPs)</p>	<p>Mantle Panel Ltd SIPs Wall Panel Structural Insulated Panels (SIPs)</p>

KOPE Market

Search + filter hundreds of specifiers



A partnership between **KOPE & Cast** **MMC Market**

← Back to home page

Search for **Suppliers** **Specifiers** Case Studies Products

116 results for

Actions

Filters

Verified Profiles

Only show verified profiles

Location

Consultants in **Nationwide**

of

Case Studies

With case studies

Experience

Project Management

Architecture

Engineering

[Show more](#)

Sectors

Residential

Retrofit

Office

[Show more](#)

List **Map** Sort by **Default**

Cast Consultancy **Verified**

Cast Cast is at the forefront of driving sustainable change in the development and construction industry. Our market leadership and unique insights enable us to help our clients deliver better results. As industry pioneers, we challenge existing ways of doing things whilst respecting our clients' own constraints and appetite for risk. Our focus is to...

HTA Design **Verified**

hta We are HTA Design LLP. We are housing design specialists focused on creating great places and delivering better housing where people choose to live. Our collaborative practice brings together a wide range of design specialisms with the experience to ensure successful delivery whilst embracing innovation in design and our approach.

AECOM Limited

AECOM At AECOM, we believe infrastructure creates opportunity for everyone – uplifting communities, improving access and sustaining our planet. We're committed to managing our business with the upmost responsibility and to always strive for better – be that reducing emissions, creating social value or diversifying our senior leadership and workforce. We...

Waugh Thistleton **Verified**

WAUGH THISTLETON ARCHITECTS Waugh Thistleton Architects is a Shoreditch based architectural practice producing thoughtful and sustainable projects in its own neighbourhood and beyond. The practice is a world leader in engineered timber and pioneer in the field of tall timber buildings. Waugh Thistleton has experience in delivering a wide range of building types, includin...

Century Facades Ltd **Verified**

Century Facades design and build specialist contractor providing complete packages for building facades, new build high rise BTR and PBSA, and recladding.

HLM Architects **Verified**

HLM Architects Places of education that inspire, healthcare environments that nurture, homes that are part of thriving communities.

KOPE Market

Search + filter hundreds of case study projects



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← Back to home page

Search for **Suppliers** **Specifiers** **Case Studies** **Products**

212 results for **Search** 🔍

Filters

Location ^

Projects in **Nationwide** v

of

Building Systems ^

Balconies v

Facades v

Floors v

[Show more](#) v

Sectors ^

Residential v

Retrofit v

Office v

[Show more](#) v

MMC Category ^

1: Volumetric Systems

2: 2D Structural Systems

3: Non Systemised Structure

4: 3D Printed Systems


5: Assemblies

6: Product-Based improvements


7: Site-Based Improvements

List **Map** Sort by **Default** v


Portlands Place

 From the outset, innovation played an integral part in the construction of Portlands Place, supported by a forward-thinking client and subcontractor team. Mace was appointed to build Portlands Place in East London's East Village, comprising two residential towers, at 26 and 31 storeys, and two ten-storey pavilions connected by a high level...


White Road, Chatham

 Situated in an infill site behind an existing community centre, TopHat contracted to deliver 20 2-bed homes. Working as main contractor, TopHat delivered the entire project over 6 months, around half the time of a traditional construction programme. Whilst groundworks were taking place on site, modules were being manufactured in our...


Kitchener Barracks (Phase 1)

 An exciting new development of 2,3,4 and 5 bedroom homes in the heart of Kent. Light-filled homes with heart and soul; that's what you'll find at Kitchener Barracks. Every home has been thoughtfully designed to make sure you get the most out of the space. This attention to detail has been considered at every turn. From the well-appointed...


Crofts Street

 Crofts Street, Cardiff, is a modular housing project comprising nine two-bedroom townhouses, designed to be carbon positive in operation and built on brownfield land for council rent. It is the city's first modular scheme and was awarded Welsh Government Innovative Housing Funding, The INNO design, led by RSHP and AECOM and delivered b...

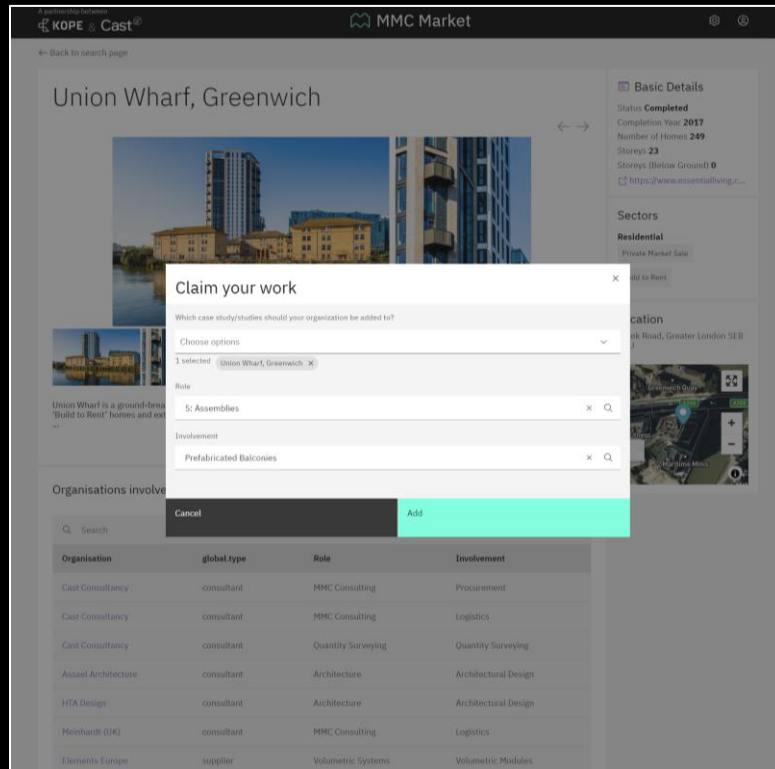
Sky Believe in Better Building

 Designing the UK's tallest commercial timber structure. We believe that good architecture should understand the lives and priorities of those that use it. The Believe in Better Building has a clear social idea based around community focus, education, and incredible flexibility for Sky's fast-changing corporate culture.

Dalston Works

 Dalston Works was the world's largest CLT building on completion, and a landmark project in our ambition to roll out the use of timber construction in high-density urban housing, across London and beyond. The ten-storey, 121-unit

Claim your work



All registered organisations can claim credit for their work.

All companies can log in to maintain their information as needed.

Map search

All our data is geolocated.

You can search for orgs and case studies within a radius of your building site.

e.g. Show me suppliers within 20 miles of Coventry

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← Back to home page

Search for **Suppliers** Specifiers Case Studies Products

21 results for Search... Search

Actions

- Send message →
- Compare →
- Add to supply chain →

Filters (1) × Reset

- 20 miles from Coventry, West Midla... ×

Verified Profiles ⚙️

- Only show verified profiles

Location ^

Suppliers in **20 miles** v

of **Coventry, West Midlan...**

Building Systems ^

- Balconies v
- Facades v
- Floors v

[Show more](#) v

Procurement Frameworks ^

- Building Better Category 2 DPS
- Building Better MMC Category 1
- CHIC: New Build Offsite Manufacture

[Show more](#) v

List **Map**

Innovare Offsite Limited (Headquarters)
Innovare specialises in offsite construction using Structural Insulated Panels (SIPs). The company was...
[View details](#) →

© Mapbox © OpenStreetMap Improve this map

Non-linear navigation



We built the market to help offsite researchers find what they need

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← Back to home page

Search for Suppliers Specifiers **Case Studies** Products

212 results for Search... Search

Filters

Location ^

Projects in Nationwide v

of

Building Systems ^

Balconies v

Facades v

Floors v

Show more v

Sectors ^

Residential v

Retrofit v

Office v

Show more v

MMC Category ^

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3: Non Systemised Structure

4: 3D Printed Systems

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Rich information

- Company Size
- Sectors you work in
- Case Studies
- Products
- Factory locations
- Industry Accreditations
- Construction Value Chain
- Get to Know Us / FAQs

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← Back to search page

Etopia

Manufacturer

Etopia's aim is to enable the construction industry to deliver eco-friendly MMC homes that achieve The Future Homes Standard. Etopia designs, manufactures and installs a cutting-edge MMC Category 2 build system. Using our unique hyper-SIP (Structurally Insulated Panel) system, we deliver sustainable, high-performing energy efficient homes with little to no impact to cost, design or aesthetic. The flexibility of...

[Read more](#)

Construction value chain

```
graph LR; A((Land Purchase)) --> B((Concept Design)); B --> C((DfMA)); C --> D((Manufacturing)); D --> E((Supply)); E --> F((Delivery)); F --> G((Installation)); G --> H((Project Sales));
```

Case Studies (3)

The Avenue, Corby
The Avenue, Northamptonshire →

BRE Home
Bucknalls Lane, Hertfordshire →

Cornfield Road
Cornfield Road, Suffolk →

Construction Products (1)

Etopia Build System →

Images from Supplier (15)

Verified Profile ⓘ

Add to supply chain +

Company 09304885 →
Established **2019**
Employees **10-49**

Contact details

<https://www.etopia.eco>
+44 7931 539549
nicolaclayton@projectetopia...

Locations

Headquarters
3rd Floor, Millbank Tower, 21-24 Millbank, Greater London, SW1P 4QP

Manufacturing Facilities (1)

Profiles

[LinkedIn](#) →
[Twitter](#) →

Helping everyone get seen



Market Profile

Supplier Profile

Status Profile score ⓘ
Visible 26

[View profile →](#)

We rank profiles by their completion score.

The more information you fill out, the higher you'll rank in our default search sorting.



Our plans for the market

Find products by spec

We built the market to help offsite researchers find what they need

The screenshot displays the KOPE Market website interface. At the top, there is a navigation bar with 'KOPE Market', 'Home / Product Search', and 'United Kingdom'. Below this is a search bar with a 'Search' button. The main content area shows a grid of product listings. A modal window titled 'Filter by Airtightness' is open, allowing users to select specific airtightness values and measurement standards. The modal includes a table with columns for 'Value' and 'Measurement Standard', and a 'Reset' button. The background shows a list of products such as 'MET Homes Wall Panels', 'Public Prefab Prefabricated Wall Kit', 'Medite Smartply SMARTPLY MAX Boarding', and 'Mitek Industries Limited Posi-Wall Closed Wall Panels'.

United Kingdom

Home / Product Search

Suppliers Specifiers Case Studies Products

Search Search

15 results sorted by Recommended

Focus your search by × Reset

- KOPE content +
- Suppliers +
- Building system Walls
- Product category 3 selected
- Materials 5 selected
- Product certifications +
- Thermal Resistance (R-Value) +
- Sound Insulation (Impact) +
- Thickness +

Filter by Airtightness

Select one or more options × Reset

Value	Measurement Standard
<input checked="" type="checkbox"/> 2 ACH	ANSI/RESNET/ICC 380-2019
<input type="checkbox"/> 3 ACH	ANSI/RESNET/ICC 380-2019
<input checked="" type="checkbox"/> 0.91 m ² /m ³ /hr	BS EN 12114
<input type="checkbox"/> 1.58 m ² /m ³ /hr	BS EN 12114

Items per page: 50 Showing 1-12 of 12 items 1 of 1 pages

Cancel Apply filter

MET Homes MET Homes Wall Panels Closed Wall Panels

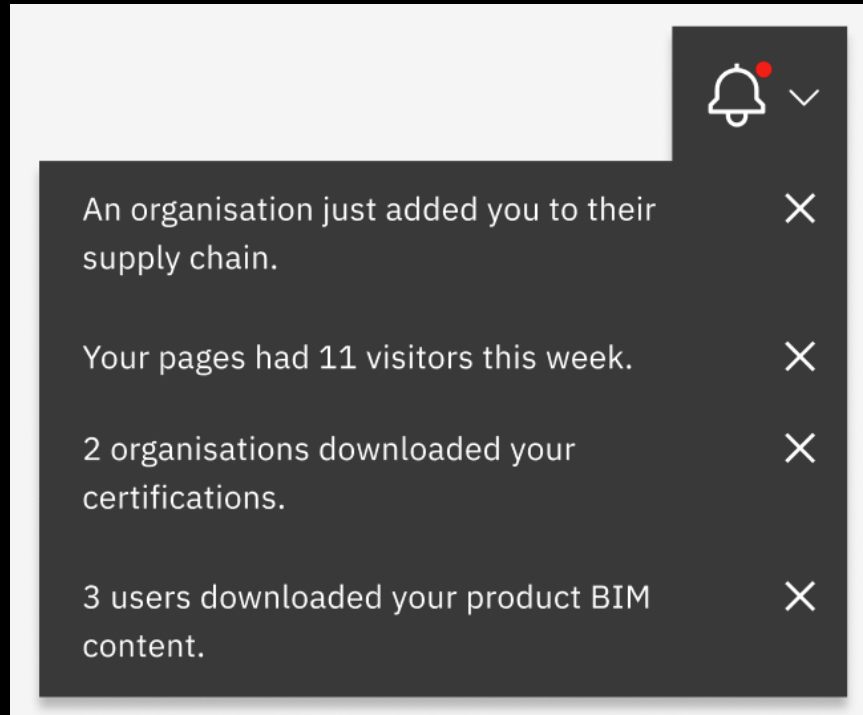
Public Prefab Prefabricated Wall Kit Closed Wall Panels

Medite Smartply SMARTPLY MAX Boarding

Mitek Industries Limited Posi-Wall Closed Wall Panels

Helping you secure new leads

Page visitor traffic data for suppliers



- The KOPE Market is the best place to be seen by those who are looking for you.
- See who is interacting with your page, downloading your content.
- The best way to find potential leads for new projects.

Expanding into new markets

Did you know KOPE Market is international already?

The screenshot displays the KOPE Offsite Market website interface. At the top, the KOPE logo and 'Offsite Market' text are visible, along with 'Register' and 'Login' buttons. Below the header is a grid of ten categories, each with a representative image and a label: Walls, Balconies, Pods, Frame, Facades, Floors, Modules, Plant, Roofs, and Stairs. A section titled 'Find Suppliers by Location' includes a search bar and a button that says 'Not in North America? No problem!'. Below this, a map of the United States is shown with numerous blue location pins indicating manufacturing facilities. The map includes a search bar, a mapbox logo, and a scale of 300 miles.



Part 2: The Bids Bottleneck

The bids pipeline

An (ideally) steady flow of incoming work is what keeps businesses afloat.

This often happens at risk.

- It takes experience to prepare bids.
- Each bid can take weeks to get right.
- You may not win the work.
- Bids cost you time, so you need to be strategic.



Design meets reality

The designer didn't consider your system and its limitations

They don't know the ins and outs of it like you do. And why should they?

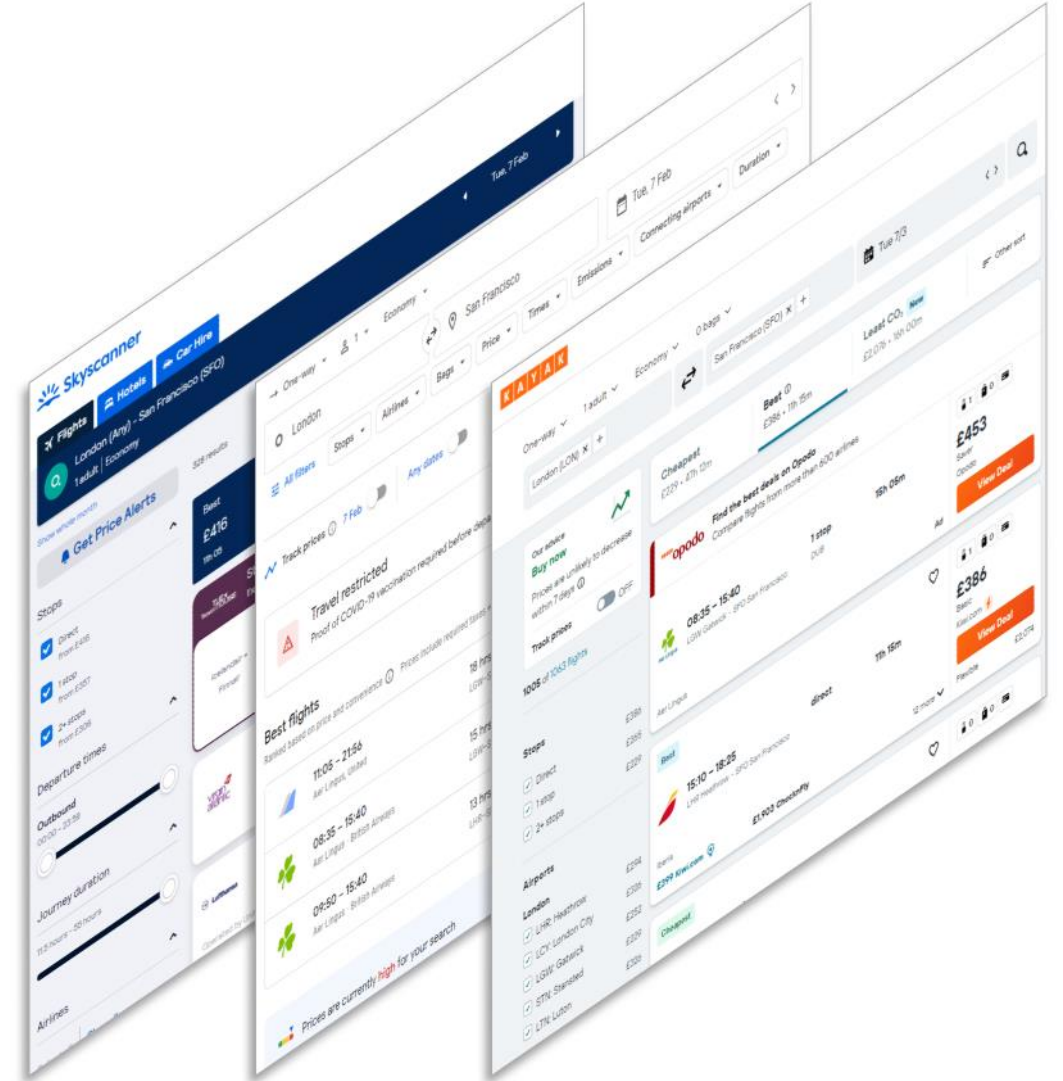
They're not the experts - you are.



A better approach

Let's look at a much better user experience.

- **Booking a flight is complex.**
- **Infinite variables to consider.**
- **User is a non-expert, entering their needs.**
- **Websites return only the best options via an intuitive UI.**
- **All returned options are current, available and valid.**



Vintage software

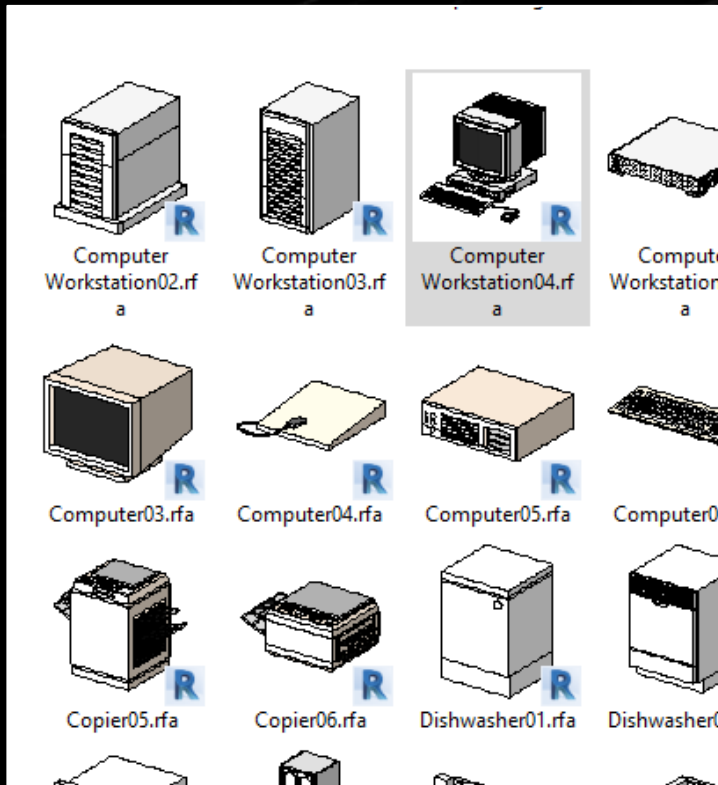


Most of our CAD software comes from the 80s. Revit is from the late 90s.

There are no modern (AKA web) applications for offsite.

We're missing out.

They're file-based



Files are static information

They can't be updated by their creators, have no connection to their source.

We want evergreen information, always accurate, directly from the originator.

Files move around

They take on a life of their own, being passed between servers, users, even companies. Who knows if the products they represent even still exist?

Files can be broken

Accidentally or intentionally, designers can go against your production logic and limitations, designing schemes that aren't possible to manufacture.

File types can be incompatible

Between softwares and even versions

Files contain too much detail, or not enough

It's never right - because different types of users need different things.

They go at human speed



Specialist MMC software exists already. Manual approaches work at the speed (and with the limitations) of humans.

“Can you prepare thousands of design options by tomorrow?”

Computers were developed for this kind of task.



In summary



- You get unbuildable designs, designed by non-experts...
- Files make it impossible to maintain your information centrally...
- Handled in legacy software from the 80s and 90s...
- And those files can be edited or broken by users...
- With incompatible file formats between apps and versions...
- Specialist software takes a long time to learn and use (slowly)...



Introducing KOPE

Where we come from



Beginnings

In 2016, our founders crossed paths at various stages at Grimshaw Architects. Collectively and at different stages, all 3 run Design Technology departments at this large global architectural firm.



Acquisition Milestone

In 2018, designtech.io achieved a significant milestone when it was acquired by a prominent player in the US. This marked a turning point for our team and opened up new opportunities for growth.



Designtech

In 2016, Mark and David joined forces to establish designtech.io, a construction technology consultancy aimed at supporting designers and buildings. Their vision was to provide innovative solutions to the industry.

Team Comes Together

In 2019, our core group reconvened after pursuing separate ventures to grow a new business; matterlab.co, a dynamic enterprise dedicated to developing custom solutions for the construction industry. We combined our expertise in consulting and software development to drive innovation forward.



Offsite Automation

By 2020, matterlab.co had gained considerable expertise in offsite and MMC (Modern Methods of Construction). We focused on creating tools that would transform the construction industry. During this period, we successfully developed our first cloud-based automation system.



Introducing KOPE

In 2021, matterlab combined their award-winning work and cloud platform experience to develop KOPE (Kit of Products Engine). Recognizing the need for technology enablement in the construction industry, we restructured our business to deliver innovative solutions through KOPE.

Remote Operations and Recognition

The year 2020 brought unexpected challenges, as lockdowns forced us to pivot and embrace remote work. Despite this transition, our team thrived, expanding across Europe. We also received national recognition for our groundbreaking modular automation software, winning a prestigious award.



MMC Market Expansion

2022 witnessed the launch of MMC.market, an online hub for offsite construction professionals to collaborate and advance the capabilities of the sector. This platform further cemented our commitment to driving progress in the industry.



KOPE Construct Launch

In early 2023, we proudly introduced KOPE Construct. This revolutionary product automates the application of offsite industry components to construction projects, transforming the traditional approach. matterlab.co consolidated its consulting capabilities under KOPE, facilitating significant technical advancements in large global projects.

Present and Future

In 2023 and beyond, KOPE secured substantial funding to expand its offerings across all aspects of offsite construction. With a world-leading team, we continue to drive innovation, revolutionizing the industry and shaping the future of construction.

1. Evergreen

Product data needs to be evergreen.

KOPE gives you a single, central location to maintain your product information.



- Marketing Content
- Case Study write-ups.
- Performance information.
- 3D logic

No .kope files

KOPE Market Home / Product Search / I-SIP System United Kingdom

I-SIP System

Listing created by KOPE Market



Structurally strong, large format SIP panels fit together easily and precisely, offering a quicker way to create a thermally insulated and watertight structure. Time is significantly reduced with sip panel offsite through a combination of factor...

[Show more](#)

Attributes

Performance Dimensional Materials Sustainability Classification

Q Search [Request this data](#)

Attribute	Description	Measurement Standard	Value	Notes
Airtightness	Rate of air leakage across a.	BS EN 12114	3.12 m ³ /m ² /hr	None
Watertightness	Rate of water flow through a su	BS EN 1027:2016	15.52 L/min/m ²	Measured according to EU
Fire (Reaction)	How reactive this product is to	BS EN 13823:2020	A2, s0, d0	None
Thermal Transmittance (U)	A measurement of how well a pro	BS EN ISO 6946:2017	0.12 W/m ² K	None

Items per page: 10 Showing 1-4 of 4 items 1 of 1 pages

Manufacturer

innovare
simplifying offsite

[Open profile page](#)

Basic information

Building System
Walls
Product Category
Structural Insulated Panels (SIPs)

Documentation

Promotional
Innovare A4 brochure (3.2MB) [Download](#)

Warranty
Innovare 12-yr Warranty (6.0MB) [Download](#)

Certifications

NHBC Accepts (2.3MB) [Download](#)

BOPAS (1.1MB) [Download](#)

BIM content

RFA i-SIP Panel (0.5MB) [Download](#)

OBJ i-SIP Panel (1.1MB) [Download](#)

DWG i-SIP Panel (0.1MB) [Download](#)

2. Visible

Your products need to be seen.
You can filter by all manner of different criteria:

- Technology
- Material
- Performance Specification
- Certifications

With enough traffic, page visitor data becomes meaningful and useful.

A partnership between **KOPE & Cast** **MMC Market**




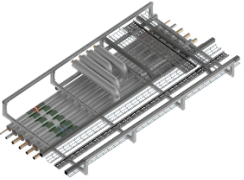


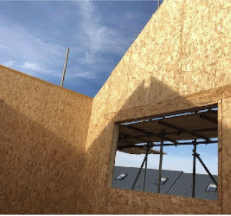





← Back to home page

Search for **Suppliers** **Specifiers** **Case Studies** **Products**

432 results for Search... Search

Focus your search by Sort by Date Added (Most recent first) ▾

- KOPE Content +
- Suppliers +
- Building System +
- Materials +

 <p>Modular Engineering Toilet Modules Prefabricated Plant</p>	 <p>Modular Engineering Sectional Risers Prefabricated Plant</p>	 <p>Modular Engineering Wall Modules Prefabricated Plant</p>	 <p>Modular Engineering Corridor Modules Prefabricated Plant</p>
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3. Accessible

KOPE uses the IFC standard

- Import models from Revit, AutoCAD, Sketchup, ArchiCAD, etc
- KOPE exports IFC models to fit back into your existing workflow.

No walled gardens

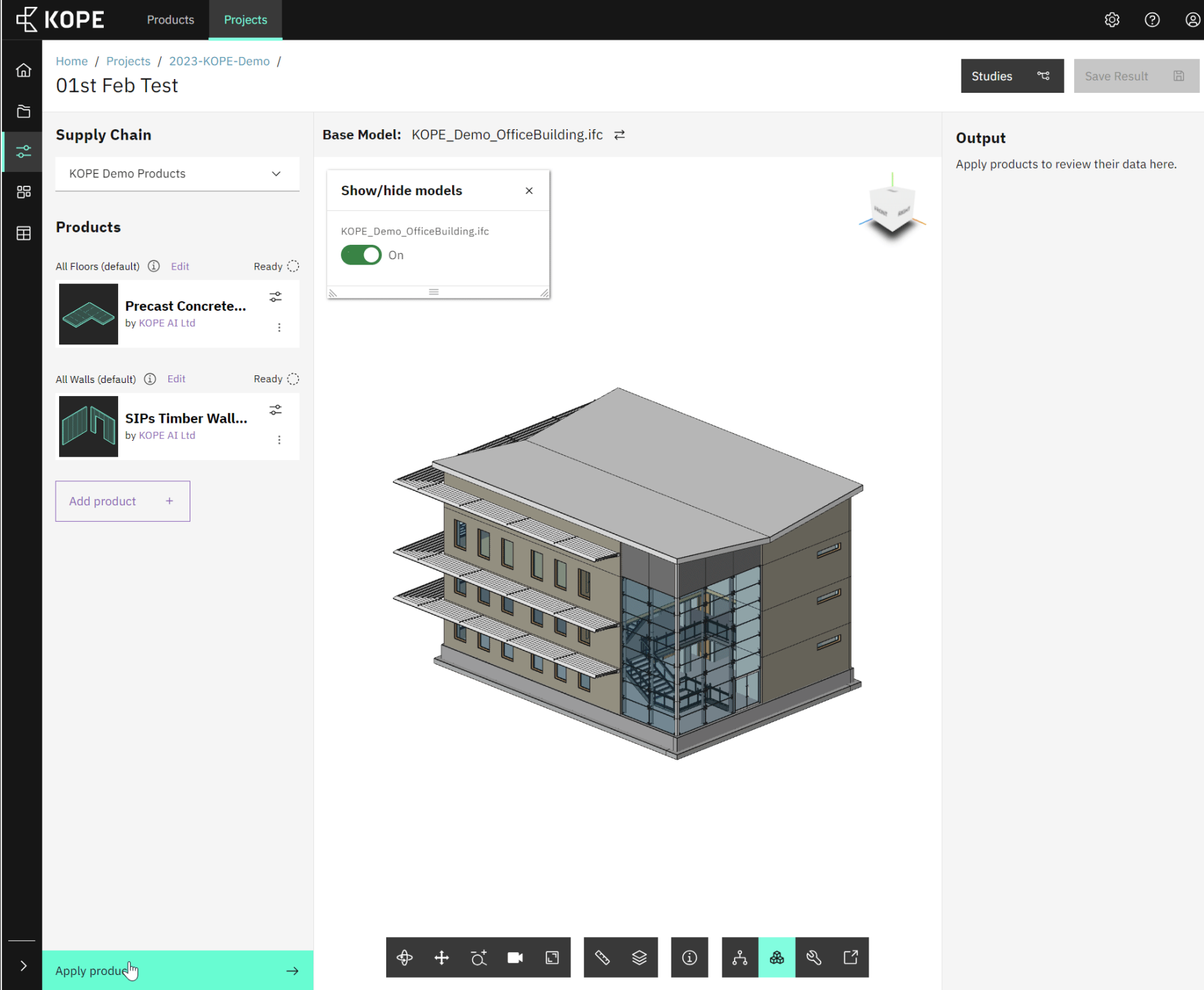


4. Intuitive

KOPE offers a streamlined, intuitive user experience.

- Upload an IFC base model.
- Users “apply products to projects” in the browser.
- Results are calculated in seconds.

Generate accurate metrics around cost, weight, embodied carbon.



5. Flexible

All products embody some level of optionality.

- Our configurator lets you adjust products as they are applied.
- Different dimensions, materials, layout strategies are possible.
- KOPE reflects whatever flexibility your system has.

Helping users understand and explore each product.

The screenshot displays the KOPE software interface. At the top, the navigation bar includes 'Home / Projects / 2023-KOPE-Demo / 01st Feb Test'. The main area is divided into three sections: 'Supply Chain', 'Products', and 'Output'.

Supply Chain: Shows 'KOPE Demo Products' as the selected supply chain.

Products: Lists applied products with their status:

- All Floors (default) - Applied ✓
- All Walls (default) - Applied ✓

Two product cards are visible:

- Precast Concrete...** by KOPE AI Ltd
- SIPs Timber Wall...** by KOPE AI Ltd

An 'Add product +' button is located below the product list.

Base Model: KOPE_Demo_OfficeBuilding.ifc

Output: A table summarizing the results:

Precast Concrete Floor Plank	
Dashboard	
Placed floor planks	245
Placed primary floor planks	24
Placed secondary planks	221

SIPs Timber Wall Panel	
Dashboard	
Placed panels	255
Placed panel types	22
Standard panels	69
Standardisation	27.06 %
Custom panels	186
Material cost	\$ 40,952

The central 3D model shows a multi-story office building with a brown facade and a dark roof. A small 3D model of a precast concrete floor plank is shown in the top right corner of the main area.

At the bottom, there is a navigation bar with icons for navigation and a green 'Apply products' button.

6. Live Data

We all need data to help us make decisions.

- KOPE computes your KPIs in real-time.
- Able to visualise tables, generate costs, metrics, weight, embodied carbon.

Helping you find the best option.

The screenshot displays the KOPE software interface. At the top, the navigation bar includes 'Home / Projects / 2023-KOPE-Demo / 01st Feb Test'. The main interface is divided into three sections: 'Supply Chain', 'Products', and 'Output'.

Supply Chain: Shows 'KOPE Demo Products' as the selected supply chain.

Products: Lists two product categories:

- All Floors (default):** Applied. Includes 'Precast Concrete...' by KOPE AI Ltd.
- All Walls (default):** Applied. Includes 'SIPs Timber Wall...' by KOPE AI Ltd.

A 'Base Model: KOPE_Demo_OfficeBuilding.ifc' is loaded, and a 3D model of a building is shown in the center. The building is a multi-story structure with a flat roof and a facade made of brown panels and windows.

Output: A table showing the results of the simulation:

Precast Concrete Floor Plank	
Dashboard	
Placed floor planks	245
Placed primary floor planks	24
Placed secondary planks	221
SIPs Timber Wall Panel	

Dashboard	
Placed panels	255
Placed panel types	22
Standard panels	69
Standardisation	27.06 %
Custom panels	186
Material cost	\$ 40,952

At the bottom, there is a navigation bar with icons for various functions and a button labeled 'Apply products'.

7. AI-enabled

Why manually test every option? Flip the equation on its head.

- Specify which properties can vary and define your end goals.
- KOPE tests 1000s of options and returns the best ones back to you in seconds.

Explore a vast option space and select only the best option for your needs.

The screenshot displays the KOPE software interface with a modal dialog box titled "SIPs Timber Wall Panel" open. The dialog box is divided into several sections:

- Number of options:** A section with the text "Optimise" and "How many options should be generated." followed by a horizontal slider bar.
- Variables:** A section with the text "Select which of the input parameters below will vary to create the randomised options. Additionally you can adjust the number range that will be used to randomise each value." followed by two rows of horizontal sliders.
- Objectives:** A section with the text "Use the parameters below to customise the goals of the optimisation process." followed by three rows of horizontal sliders.

The background interface shows a sidebar with navigation icons and a main content area with a breadcrumb trail: "Home / Projects / 2023-KOPE-Demo /". Below the breadcrumb, there is a date "01st Feb T", a "Supply Chain" section, and a "Products" section with a list of items including "All Floors (default)", "Pre...", "All Walls (default)", and "SIP...". A "Cancel" button is visible at the bottom left of the dialog box, and a "Save" button is at the bottom right.

Deliverables delivered

Generate measured 2D drawing sets, 3D models, images and schedules in one location.

The screenshot displays the KOPE software interface for a project named "Etopia (Option 5)". The interface is divided into several sections:

- Header:** KOPE logo, navigation icons, and user profile "OG".
- Project Navigation:** Home / Falmouth Academy, Etopia (Option 5), Summary, Metrics, Deliverables (active), and a "Clone and modify" button.
- Product Selection:** A dropdown menu set to "All Products" and a filter icon.
- Component Drawings:** A list of drawing templates for SIPUK SIPs, including "Default component template" and "Fabrication drawings".
- Assembly Drawings:** A list of drawing templates for Assembly Drawings, including "Default assembly template" and "Detailed assembly".
- GA Drawings:** A list of drawing templates for GA Drawings, including "Default GA template" and "Rich annotation template".
- Drawing Preview:** A vertical list of three drawing thumbnails labeled 1, 2, and 3. Thumbnail 1 is highlighted with a blue border.
- Main Drawing View:** A large 2D drawing of a wall panel with dimensions 1200 (width) and 3000 (height). The drawing is labeled "PT-PB-0001".
- Bill of Materials Table:** A table at the bottom of the drawing view showing the quantity and description of the panel.
- Metadata Table:** A table on the right side of the drawing view providing project and drawing details.

Bill of Materials				
Item no.	Item Description	Dimension (mm)	Parent Item no.	Quantity
PT-PB-0001	Standard 12.5 mm tapered edge plasterboard	3000x1200x12.5	PB-0001	871

Manufacturer	Model
MANUFACTURE	04

Plasterboard Client Name	
Client Name	Client Ref

Plasterboard Project Name	
Project Name	Project Ref

Plasterboard Part Drawing	
Drawing No.	Drawing Ref
1234	0123

Manufacturer	Model
KOPE	CG

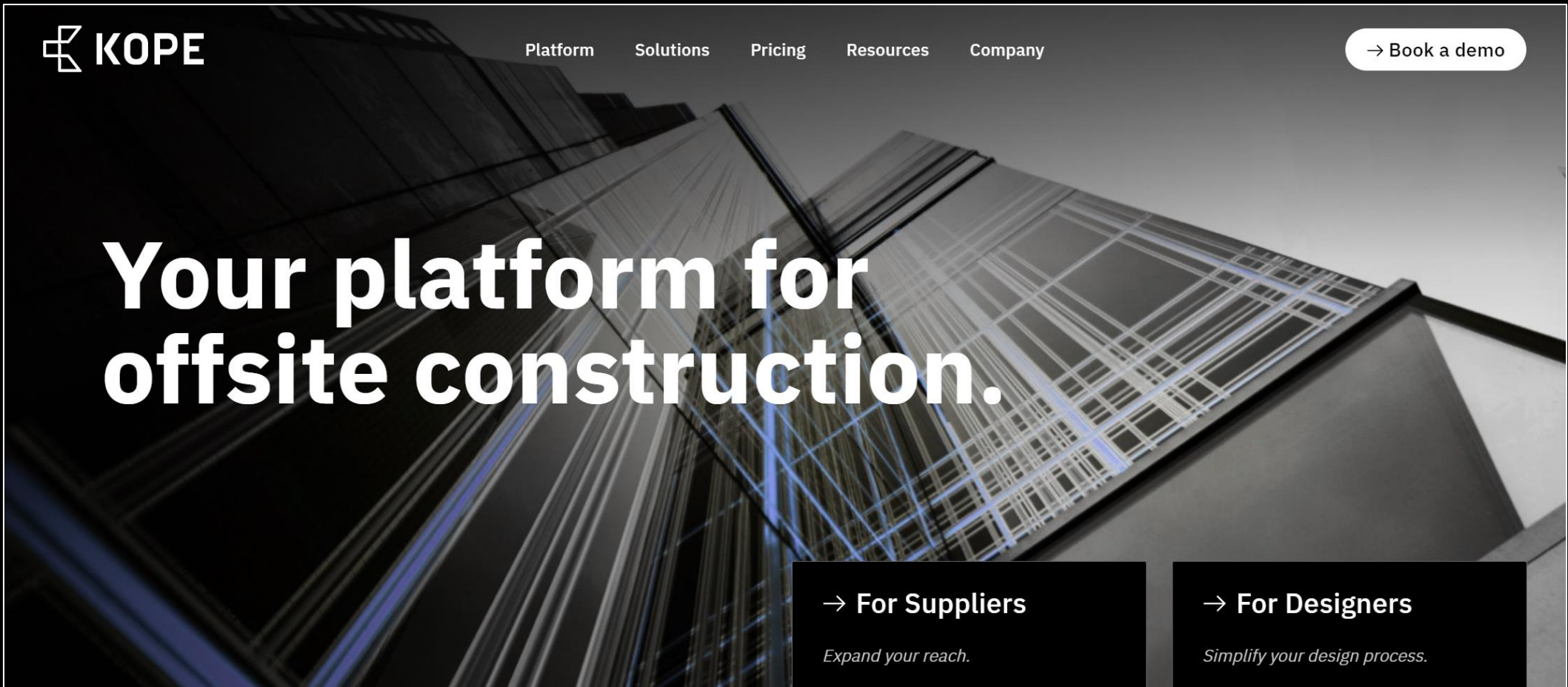
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Thank You

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