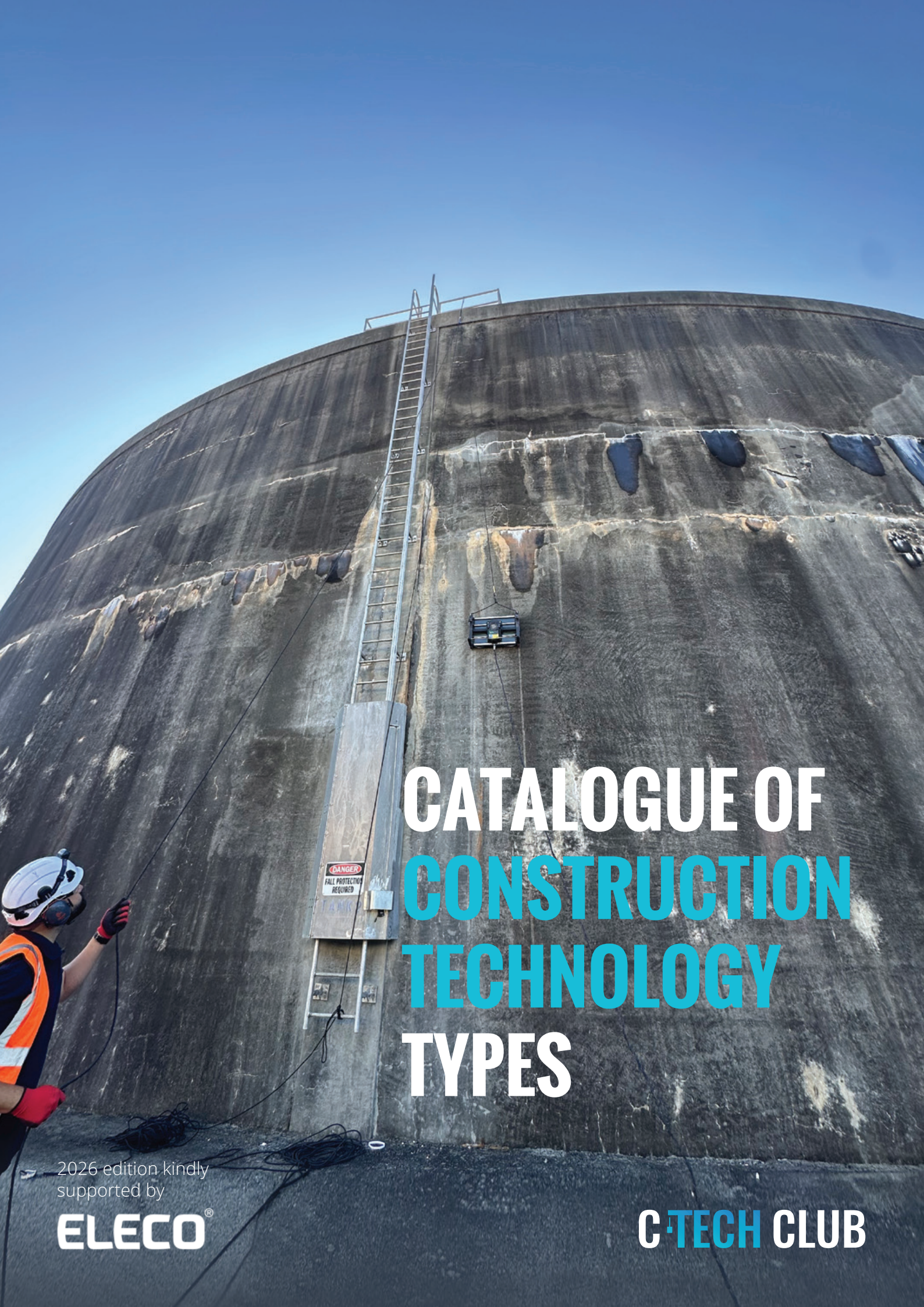

CATALOGUE OF CONSTRUCTION TECHNOLOGY TYPES

2026 edition kindly supported by

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C-TECH CLUB

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No single company will transform construction. The challenges the industry faces include persistent productivity gaps, increasing programme complexity, tighter regulatory expectations and the demands of net zero which are too interconnected for any one platform or technology to solve alone.

Progress comes from organisations working in complementary ways, building on shared data, integrating across workflows and collectively raising the standard of delivery. As construction increasingly adopts more industrialised, manufacturing-led approaches, that collaboration becomes an operational necessity rather than a strategic aspiration.

This is why Eleco continues to support the C-Tech Club. We are proud to work alongside founders and start-ups developing technologies that address real problems across the built environment. This is the third year we have supported both this Catalogue and the Start-up Village at Digital Construction Week, and it coincides with a period of structural change across the sector.

Artificial intelligence is accelerating this transition. When we talk about AI at Eleco, we are not talking about replacing human judgement.

We mean AI that continuously observes data, surfaces risks, generates options and recommends actions, with people always remaining in control. In asset-heavy industries, that distinction matters; accountability, governance, safety and trust are fundamental.

Used well, intelligent software can materially improve outcomes in the areas where businesses feel the greatest pressure today. Against a backdrop of ongoing skills and resourcing constraints across both construction and industrial markets, demand is growing for software that improves productivity and predictability without adding complexity.

This Catalogue brings together companies responding directly to those demands. By focusing on integration rather than isolated tools, the sector can move from fragmented reporting to better decisions and demonstrable performance.

At Eleco, we recognise that innovation on its own is not enough. Real progress comes from applying it with clarity, intent and collaboration.

Jonathan Hunter
CEO

ELECO®

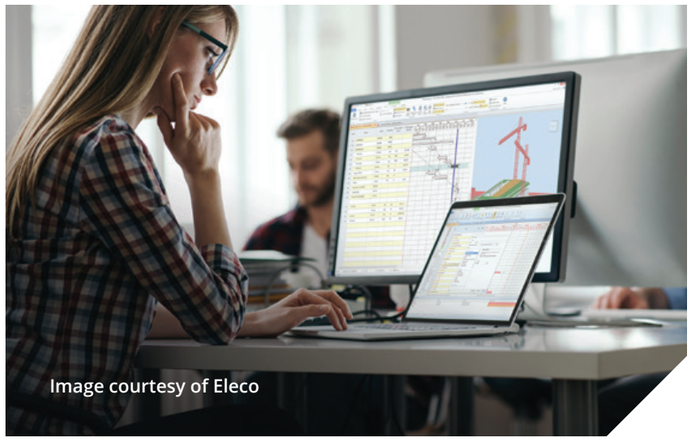

Image courtesy of Eleco

Image courtesy of OpenSpace

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Introduction

Construction is a hugely complex, interconnected system

The challenge is not simply to produce more technology, but to create the conditions where innovation can succeed. Part of this is to support and champion the originators of much of that innovation - the founders of construction technology start-ups.

One of the things that makes the C-Tech Club work is that members are largely not competing with each other. Each start-up is developing its own part of the elephant that is Construction 2.0 - the tusk, the toe or the tail. It is a lonely journey, and the C-Tech Club is a genuine safe space in which founders can learn from and support each other.

What we are seeing across the construction-tech landscape is that fundraising is generally challenging, but a small number of start-ups are achieving very high valuations at exit. Novorender, Document Crunch and Consigli are examples. The implication is important: the most likely pathway to scale is integration into a much larger entity. Start-ups and large corporations are therefore more interdependent than they sometimes appear. We welcome the support of large organisations - and particularly Eleco, who have been an outstanding partner for the past three years.

This Catalogue is now in its fourth year. No-one pays to be included, and you do not need to be a C-Tech Club member to be featured.

This year we have restructured the 32 categories around four layers - Conceive & Design, Delivery & Production, Commercial & Control, and Asset & Lifecycle. This is not simply an editorial choice: it reflects how construction actually works as a system and makes it easier to find the technologies relevant to a particular stage or need.

The companies featured are examples of what is available - not necessarily the best, and not exhaustive. We include new companies each year to keep each edition fresh.

We hope you find technologies here that you were not previously aware of, and which can genuinely help on your projects. But to return to where this introduction began - progress will come not from individual technologies, but from how effectively we connect them.

John Priestland
Founder

C·TECH CLUB

Image courtesy of Dusty Robotics

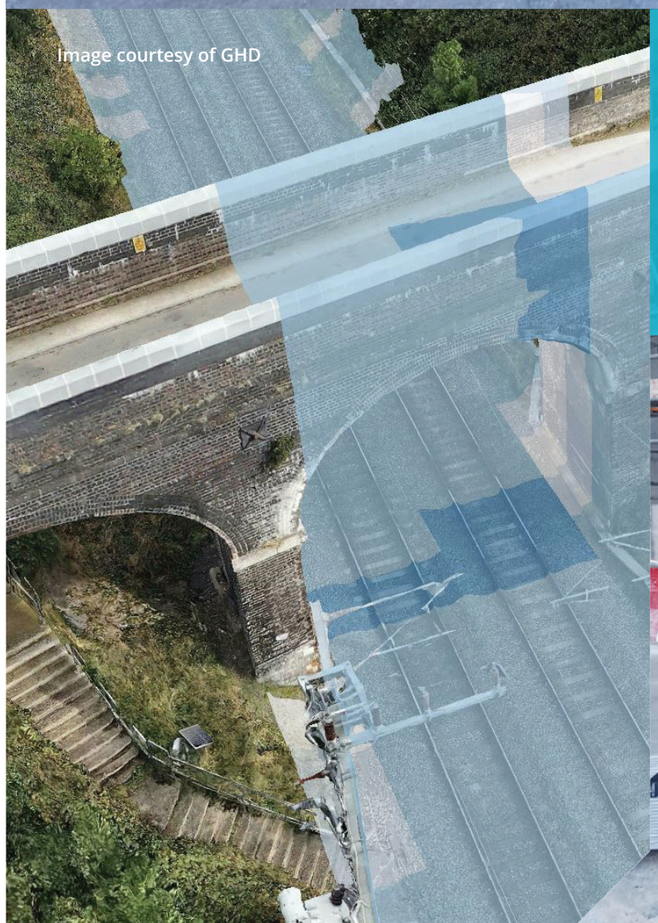


Image courtesy of GHD

Each start-up is developing its own part of the elephant - but real progress comes from how effectively we connect them.

Image courtesy of BuildAI

The Year in Contech

The past 12 months have thrown up a number of landmark exits, increasing challenges for fundraising and an AI wave that is both opportunity and existential challenge for start-ups. Seven key signals summarise the year.

Signal 1: Large AEC vendors now own an increasing number of categories. Start-up activity is concentrating in a narrower band of technologies: AI document analysis, scheduling, safety and field operations. The likes of Autodesk, Procore and Bentley Systems are dominating areas such as digital twins and common data environments. The question for founders is how to find a complementary niche.

Signal 2: Exits - a small number of founders are winning big. Novorender - acquired by Procore for approximately $50m at 51 times revenue - proved that a small team solving the right technical problem can attract extraordinary value. Consigli's $390m acquisition by AECOM was even more striking: a consultancy, not a software vendor, paying that price. Large acquisitions validate a category and destabilise it: after AECOM acquired Consigli, competitor Endra saw a hockey-stick surge in sign-ups from customers looking for alternatives.

Company (HQ)	Acquirer (HQ)	Category	Date	Value
Novorender (Norway)	Procore (US)	3D visualisation	Jan 2025	~$50m (≈51× revenue)
Fonn (Norway/UK)	Access Group (UK)	Project Management	Feb 2025	Undisclosed
2050 Materials (UK)	Once For All (France)	Sustainability data	Nov 2025	Undisclosed
Consigli (Norway)	AECOM (US)	AI engineering	Nov 2025	~$390m
Rhumbix (US)	Autodesk (US)	Field data	Mar 2026	Undisclosed
Document Crunch (US)	Trimble (US)	Contract risk / AI	Apr 2026	Undisclosed

Acquirers pay handsomely for solutions to problems they genuinely cannot build themselves. But the start-ups that succeed with a high-value exit are a small proportion of those who try.

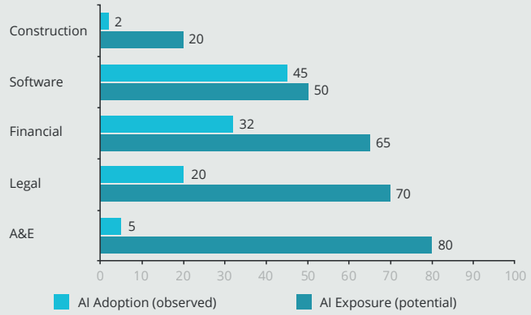
Consigli founder, Janne Aas-Jakobsen, pictured here with C-Tech Club founder, John Priestland, secured a remarkable exit to AECOM.

Signal 3: Fundraising is increasingly hard - especially for pre-seed start-ups Headline numbers look encouraging: contech VC reached $4.4bn in Q3 2025, up 66% year-on-year. But for pre-$1m ARR start-ups, there is a near-complete funding gap. Most institutional VCs will not engage. Friends-and-family and SEIS/EIS rounds often cannot bridge to the milestones that unlock the next stage. This is the 'valley of death' - and it is claiming good companies. A further concern: zombie funds that are no longer deploying capital but still presenting as active. Founders should verify that a fund has made a new investment in their sector in the past twelve months before putting time into a pitch.

Signal 4: The rise of PE driving technology adoption. The most under-reported story of 2025 is not in the VC data at all. Private equity deployed a record $103bn into construction and engineering - acquiring specialty contractors and engineering firms at scale, and actively looking to deploy software and AI across their portfolios to drive margin improvement. For founders, this represents both a competitive threat and an opportunity: PE-backed portfolios are becoming significant buyers of construction technology, but they are also keener and more capable of developing their own tools.

Signal 5: Procurement's stranglehold over innovation. For start-ups, landing a public sector contract is only the first battle. Procurement rules mean that even a successful pilot does not guarantee the follow-on contract - a competitive tender is required regardless. When the internal champion moves on, the initiative dies. What would transform the situation is a construction technology procurement framework that allows public bodies to draw from a pre-approved panel of vetted technologies, and far greater sharing between organisations about what is and is not working. Memo to the Crown Commercial Service: frameworks are common for construction and consultancy - why not for contech too?

Signal 6: AI - the defining challenge for most founders. Anthropic's January 2026 Study on the Labor Market Impacts of AI shows that construction has among the lowest levels of AI exposure of any work type - and almost no current usage. Architecture & Engineering, by contrast, sits alongside legal as one of the sectors with the largest gap between observed AI use and theoretical potential. AI is therefore transforming the design and professional services layers of construction first - and that is where both the near-term threat and the near-term opportunity lie. AI-native start-ups are embracing this: companies such as BuildPrompt and Hoppa are leading the way. But every contech founder is, in some sense, competing with the frontier models. The long-term question is whether engineers and designers simply use Claude or GPT directly - with no intermediary layer required. If that happens, contech as a distinct category dissolves: there is only 'tech'. That apocalyptic scenario is one possible outcome. It is not the only one. But it is the one every founder should be thinking about.



Source: Anthropic, Labor Market Impacts of AI: A New Measure and Early Evidence, Figure 2 (2026). Values estimated from chart.

Signal 7: Robotics - it is early days, but the conditions are changing. Robotics was among the top-funded contech categories in 2025 by number of rounds - but deal sizes remain small, signalling predominantly early-stage activity rather than mature deployment. The construction skills shortage is acute and worsening, and it is this - more than any technology push - that will drive adoption.

Image courtesy of AIRA

The seven signals above describe the environment in which our members are operating. It is harder than it looks from the outside, but also more exciting! We salute the brave men and women - our members - who have given up their proper jobs to be part of it.

32 Construction Technology Categories

We have restructured this year's Catalogue around four layers - the way construction actually works, from inception to operations.

Each layer contains between five and twelve categories, giving a total of 32.

Last year's 32 categories survive largely intact in the new taxonomy, with two refinements: Site Insights and Site Processes have been merged into a single category, and Smart PPE & Wearables has been absorbed into Safety Technology & Management.

Three categories are entirely new: Digital Twins, Building & Asset Operations, and Quality Assurance & Inspection - which includes the emerging capability of AI verification tools in high-hazard environments.

One deliberate choice: AI is not a category. It runs through almost every category in this Catalogue.

No company pays to be included, and the companies featured are examples of what is available in each category - not a definitive list. There are many other excellent companies not featured here. Entries are selected to showcase the breadth of what construction technology has to offer and to be of genuine interest to the reader.

LAYER 1 - CONCEIVE & DESIGN
Understanding, modelling and planning the asset

L1.1 Ground Intelligence & Geotech | L1.2 3D Visualisation | L1.3 Masterplanning | L1.4 Automated Design | L1.5 Take-off & Cost | L1.6 BIM Systems | L1.7 Programming & Scheduling | L1.8 Carbon Tools

LAYER 2 - DELIVERY & PRODUCTION
Building, making and managing the physical work

L2.1 Robotics | L2.2 3D Printing | L2.3 New Materials | L2.4 MMC & Digital Fabrication | L2.5 Site Processes & Insights | L2.6 Workflow Apps | L2.7 Workforce & Labour | L2.8 Plant & Equipment | L2.9 Safety Technology | L2.10 Quality Assurance & Inspection | L2.11 Logistics & Delivery | L2.12 Waste Management

LAYER 3 - COMMERCIAL & CONTROL
Money, risk, procurement and project governance

L3.1 Procurement & Sourcing | L3.2 Contracts & Change | L3.3 Payments & Finance | L3.4 Marketplaces | L3.5 Project Controls | L3.6 Insurance & Risk | L3.7 Social Value & ESG

LAYER 4 - ASSET & LIFECYCLE
Operating, maintaining and evolving the asset once built

L4.1 Information Management & CDEs | L4.2 Handover & Commissioning | L4.3 Digital Twins | L4.4 Asset Management | L4.5 Building & Asset Operations

Technology by type of client and project

Not every technology is relevant to every client or every project. This matrix shows, at a glance, where each of the 32 categories is most likely to apply.

	By type of client						By type of project				By project stage							
	Investor	Asset owner	Designer/ consultant	Tier 1 contractor	Tier 2 contractor	Asset operator	Residential / housebuilding	Commercial building	Industrial and major construction	Transportation and infrastructure	Upstream processes	Land and planning	Design	Cost, programming and schedule	Construction	Waste	Commissioning	Asset management
LAYER 1 - CONCEIVE & DESIGN																		
L1.1 Ground Intelligence & Geotech		●	●	●			●	●	●	●		●	●					
L1.2 3D Visualisation Environments		●	●	●	●	●	●	●	●	●			●		●		●	●
L1.3 Masterplanning	●	●	●	●				●	●	●		●	●					
L1.4 Automated Design Tools			●	●			●	●	●	●			●					
L1.5 Take-off & Cost			●	●	●		●	●	●	●			●	●	●			
L1.6 BIM Systems		●	●	●			●	●	●	●		●	●	●	●		●	
L1.7 Programming & Scheduling		●	●	●	●		●	●	●	●				●	●			
L1.8 Carbon Tools & Calculators	●	●	●	●		●	●	●	●	●		●	●	●	●			●
LAYER 2 - DELIVERY & PRODUCTION																		
L2.1 Robotics				●	●		●	●	●	●					●			
L2.2 3D Printing & Additive Construction				●	●		●	●	●	●	●				●			
L2.3 New & Advanced Materials			●	●	●		●	●	●	●	●				●			
L2.4 MMC & Digital Fabrication			●	●	●		●	●	●	●			●		●			
L2.5 Site Processes & Insights				●	●		●	●	●	●					●			
L2.6 Workflow Apps				●	●		●	●	●	●				●	●			
L2.7 Workforce & Labour				●	●		●	●	●	●					●			
L2.8 Plant & Equipment Telematics				●	●		●	●	●	●					●			
L2.9 Safety Technology & Management				●	●		●	●	●	●					●			
L2.10 Quality Assurance & Inspection			●	●	●		●	●	●	●					●			
L2.11 Logistics & Delivery Management				●	●		●	●	●	●	●				●			
L2.12 Waste Management & Circular Economy		●		●	●		●	●	●	●					●	●		●
LAYER 3 - COMMERCIAL & CONTROL																		
L3.1 Procurement & Sourcing		●		●	●	●	●	●	●	●				●	●			●
L3.2 Contracts & Change Management		●	●	●	●	●	●	●	●	●			●	●	●			●
L3.3 Payments & Construction Finance		●		●	●		●	●	●	●					●			
L3.4 Marketplaces				●	●		●	●	●	●					●			
L3.5 Project Controls, Analytics & Forecasting	●	●	●	●	●		●	●	●	●			●	●	●			
L3.6 Insurance & Risk Solutions	●	●	●	●	●	●	●	●	●	●			●	●	●			
L3.7 Social Value & ESG	●	●	●	●		●	●	●	●	●		●	●		●			
LAYER 4 - ASSET & LIFECYCLE																		
L4.1 Information Management & CDEs	●	●	●	●	●	●	●	●	●	●		●	●	●	●		●	●
L4.2 Handover & Commissioning	●	●	●	●		●	●	●	●	●							●	●
L4.3 Digital Twins	●	●	●	●		●	●	●	●	●			●		●		●	●
L4.4 Asset Management	●	●	●			●	●	●	●	●								●
L4.5 Building & Asset Operations		●				●	●	●										●

LAYER 1 CONCEIVE & DESIGN

L1.1 - Ground Intelligence & Geotech

Category Description: Technologies for non-intrusive and data-enhanced ground investigation - including geophysics, satellite InSAR, AI-assisted subsurface mapping and real-time sensing - designed to reduce geotechnical risk, complement intrusive methods and improve programme certainty.

Company	Website	Revised Description
Delta-g (UK)	delta-g.co.uk	Developing quantum gravity gradiometry to detect buried voids, tunnels and density anomalies non-intrusively from surface measurements.
Exodigo (US)	exodigo.ai	Multi-sensor, AI-driven platform generating 3D underground utility maps to reduce strike risk during excavation.
GScan (UK)	gscan.eu	Uses muon tomography to produce density imaging of structures and shallow subsurface, detecting voids without intrusive investigation.
RodRadar (Israel)	rodradar.com	Ground-penetrating radar embedded in an excavator bucket detecting underground utilities in real time during live excavation.
SAALG/Daarwin (Spain)	daarwin.com	Applies AI to the observational method, predicting real-time ground behaviour during temporary works to manage geotechnical risk.
SatSense (UK)	satsense.com	Satellite SAR-based millimetre-scale ground movement monitoring across large areas, providing early warning of subsidence and instability.

L1.2 - 3D Visualisation Environments

Category Description: Platforms integrating BIM, reality capture and geospatial data into a navigable spatial environment, enabling multi-discipline coordination and stakeholder review across design and construction. Excludes digital twin and asset management platforms.

Company	Website	Revised Description
CreoPlan (UK)	creoplan.co.uk	Rapid drone-based visualisation platform generating site models in minutes, enabling fast-turnaround mapping, inspection and decision-making for time-critical construction and infrastructure applications.
DTO by GHD (UK)	ghd.com	Allows rapid rendering and visualisation of very large high-resolution photogrammetry, LiDAR, BIM and GIS datasets through a standard web browser.
Fologram (Australia)	fologram.com	Mixed reality platform enabling teams to visualise and interact with BIM models on site using AR headsets and mobile devices for layout and fabrication tasks.
Gamma AR (UK/US)	gamma-ar.com	Augmented reality platform overlaying BIM models onto the physical site to support layout verification, quality checks and construction coordination.
Novorender (Norway)	novorender.com (Part of Procore)	Browser-native rendering engine for massive 3D model navigation in real time, now integrated into the Procore platform.
Sensat (UK)	sensat.co	Infrastructure-scale platform integrating reality capture, survey and geospatial data into a single navigable environment for project decision-making.

L1.3 - Masterplanning

Category Description: Software for early-stage site feasibility, massing, planning compliance and development economics - enabling rapid option generation and evidence-based spatial decision-making.

Company	Website	Revised Description
AgiliCity/Modelur (Slovenia)	modelur.com	SketchUp extension for 3D massing studies with real-time urban indicators - Floor Area Ratio (FAR), density, unit counts - linked to planning rules.
Archilyse (Switzerland)	archilyse.com	AI-driven building performance analysis platform evaluating daylight, views, noise and liveability metrics at the massing and floor plan stage.
Archistar (Australia)	archistar.ai	Combines AI with planning and zoning data to assess site feasibility, enabling developers and planners to understand buildable parameters quickly.
Giraffe (Australia)	giraffe.build	Platform encoding design rules for rapid site analysis, massing and option generation to support earlier development scenario exploration.
Orbital Stack (Canada)	orbitalstack.com	AI and CFD wind and microclimate analysis tool for early-stage design, used by developers and planners.
TestFit (US)	testfit.io	Real-time feasibility and design configurator for residential and mixed-use development, testing options against financial and planning constraints.

L1.4 - Automated Design Tools

Category Description: Tools that automate or generate design outputs from parametric rules, AI or generative algorithms - including automated documentation, floor plan generation, AI-assisted layout optimisation and calculation engines.

Company	Website	Revised Description
Autodesk Forma Site Design	autodesk.com /forma	Early-stage site planning and environmental analysis module within the Autodesk Forma industry cloud - integrating generative design, wind, daylight and embodied carbon analysis.
Maket (Canada)	maket.ai	Uses generative AI and NLP to produce floor plans from project briefs, enabling rapid option exploration at early design stage.
qbiq (Israel)	qbiq.ai	AI space planning configurator generating multiple optimised office and residential layouts from a floor plate and brief in seconds.
Spacio (Norway)	spacio.ai	Browser-based platform enabling architects to design, analyse and validate regulatory compliance in real time through generative design tools.
SWAPP (Israel)	swapp.ai	Automates construction document production and Revit model creation from schematic inputs, reducing manual drafting effort on complex projects.
Transcend (US)	transcendinfra .com	Automates conceptual design for water, wastewater and power infrastructure, combining first-principles engineering with parametric rules to produce costed options rapidly.

L1.5 - Take-off & Cost

Category Description: AI-assisted platforms for quantity extraction, material take-off and early cost planning from drawings or BIM. Covers automated measurement, estimating workflows and cost benchmarking.

Company	Website	Revised Description
BEDC (Australia/US)	bedc.ai	AI-driven material take-off and structural design from architectural plans for timber frame and truss construction.
Bobyard (US)	bobyard.com	Computer vision platform automating quantity and material take-off for faster, more accurate bid preparation.
Coria / ROC Technologies (UK)	roctechnologies.co.uk	Early-stage cost planning and benchmarking tools helping clients understand and control costs from appraisal to completion, using a proprietary cost database.
Costify.ai (UK)	costify.ai	Cost planning platform automating quantity extraction and cost feedback from drawings to produce faster early-stage estimates.
Kreo (UK)	kreo.net	AI-powered quantity surveying platform producing automated bills of quantities and cost estimates from BIM models and drawings.
Togal.AI (US)	togal.ai	AI take-off platform automatically detecting, measuring and labelling spaces and features on architectural plans, significantly reducing manual effort.

L1.6 - BIM Systems

Category Description: Cloud-native BIM authoring and collaboration platforms offering alternatives to incumbent tools - characterised by browser-based workflows, lower barriers to entry and real-time multi-user editing. Incumbents (Revit, Civil 3D, MicroStation) are acknowledged as the baseline against which these challengers operate.

Company	Website	Revised Description
Arcol (US)	arcol.io	Browser-based BIM tool offering real-time collaboration and parametric modelling for architectural teams without desktop software dependency.
Higharc (US)	higharc.com	BIM platform purpose-built for US residential homebuilders only - integrating generative design, automated take-offs and permit-ready documentation in one workflow.
Motif (US)	motif.io	Design collaboration and modelling environment with real-time teamwork, open data standards and automation for complex architectural practices.
Qonic (Belgium)	qonic.com	Cloud-based BIM platform for detailed geometry and data modelling across complex building projects.
Skema (US)	skema.ai	BIM knowledge reuse engine that learns from a firm's previous Revit projects to enable rapid assembly of proven design elements for new projects.
Snaptrude (US)	snaptrude.com	Cloud-based BIM tool accelerating concept-to-documentation with real-time multi-user browser editing, without specialist hardware.

L1.7 - Programming & Scheduling

Category Description: Platforms applying AI, generative algorithms and predictive analytics to construction programme planning - including schedule generation, short-term collaborative planning, scenario optimisation and field coordination.

Company	Website	Revised Description
ALICE Technologies (US)	alicetechnologies.com	Generative construction platform simulating large numbers of sequencing scenarios to identify optimised project strategies for owners and contractors.
Aphex (UK)	aphex.co	Short-term collaborative planning tool built around the Last Planner System, helping teams manage near-term plans and reduce waste on complex projects.
EHAB (UK)	ehab.co	Construction weather intelligence platform integrating historical and forecast data into programme risk analysis, supporting delay assessment, planning and compensation event management.
Nodes & Links (UK)	nodeslinks.com	AI-driven predictive analytics platform forecasting project outcomes and automating programme management tasks.
Asta Powerproject (UK)	elecosoft.com	Construction scheduling platform offering Gantt-based planning, critical path analysis, resource and cost management, 4D BIM integration and a mobile site progress app.
PlanLab (UK)	planlab.ai	AI scheduling platform combining optimisation technology with spatial modelling to manage complex capital project schedules, logistics and resource planning.

L1.8 - Carbon Tools & Calculators

Category Description: Platforms for measuring, reporting and reducing embodied carbon across the construction lifecycle - including life-cycle assessment, EPD generation and material carbon optimisation.

Company	Website	Revised Description
CloudCycle (UK)	cloudcycle.com	Site process carbon optimisation tool: monitors fresh concrete quality on-site and enables batch adjustments that reduce cement content, cutting embodied carbon pour-by-pour.
Emidat (Germany)	emidat.com	Automates EPD creation for building material manufacturers, enabling compliance with carbon data requirements from specifiers and contractors.
Karbonite (UK)	karbonite.co.uk	Whole-life carbon reporting and benchmarking platform for the built environment, enabling design teams and asset owners to track embodied and operational carbon targets against industry benchmarks.
One Click LCA (Finland)	oneclicklca.com	Life-cycle assessment platform with BIM integration and a global EPD database, widely used for embodied carbon calculation and reporting across design and procurement stages.
Preoptima (UK)	preoptima.com	Early-stage embodied carbon assessment integrated into the design workflow, enabling design teams to reduce carbon from the outset.
Tangible (US)	tangiblematerials.com	AI-assisted platform enabling developers and contractors to measure, manage and reduce embodied carbon across construction portfolios.

LAYER 2 DELIVERY & PRODUCTION

L2.1 - Robotics

Category Description: Autonomous and semi-autonomous systems performing construction tasks - including bricklaying, drilling, layout marking, earthmoving and remote operation - to replace or augment manual labour, improve precision and reduce safety risk.

Company	Website	Revised Description
AIRA (UK)	aira.online	Autonomous mobile robot platform for last-mile inbound logistics on construction sites, using SLAM-based navigation to move materials between delivery areas and workfaces.
Civ Robotics (US)	civrobotics.com	Autonomous layout robots for precise construction staking on civil infrastructure sites, replacing manual surveying workflows.
Dusty Robotics (US)	dustyrobotics .com	Field printing robot reproducing BIM-based layout onto slabs at full scale and high accuracy, eliminating manual marking errors.
HausBots (Singapore)	hausbots.com	Autonomous façade inspection and maintenance robot for high-rise buildings, reducing manual work at height through robotic inspection, cleaning and surface treatment workflows.
Kewazo (Germany)	kewazo.com	Rope-climbing robot automating material and tool transport on scaffolding structures - reducing manual carrying at height and improving logistics efficiency.
nLink Robotics (Norway)	nlinkrobotics.com	Ceiling drilling robot delivering high-precision automated drilling, reducing time and risk associated with working at height.

L2.2 - 3D Printing & Additive Construction

Category Description: Computer-controlled additive fabrication systems for construction - primarily concrete extrusion via gantry or robotic arm - producing building elements, structures or components on-site or in factory environments.

Company	Website	Revised Description
COBOD (Denmark)	cobod.com	Modular gantry-based large-scale 3D printers extruding a range of concrete mixes, deployed commercially across multiple continents.
Hyperion Robotics (Finland)	hyperionrobotics .com	Robotic micro-factories producing optimised low-carbon reinforced concrete structural components for infrastructure applications.
ICON (US)	iconbuild.com	Robotic-arm 3D printing system producing enclosed structures using a proprietary low-carbon concrete mix, advancing toward multi-storey applications.
Mighty Buildings (US)	mightybuildings .com	Advanced wall panel manufacturing system using proprietary composite materials for low-waste offsite construction, now operating under LUMUS Inc.
PERI (Germany)	peri3dconstruct ion.com	Delivered Europe's first 3D-printed apartment building; developing commercial-scale concrete printing for residential and commercial construction via its COBOD partnership.
SAEKI (Switzerland)	saeki.ch	Integrates robotics and 3D printing to deliver precision-fabricated parts without traditional tooling, reducing cost and lead time for bespoke components.

L2.3 - New & Advanced Materials

Category Description: Innovations in core construction materials - low-carbon cements, insulation, bricks, aggregates and structural materials - offering reduced embodied carbon, improved performance or enhanced circularity.

Company	Website	Revised Description
Concrete4change (UK)	concrete4change .com	Mineralises CO_2 - into concrete during production, reducing embodied carbon while maintaining structural performance in high-volume UK concrete markets.
Econcrete (Israel)	econcrete.tech	Engineered concrete admixture that simultaneously increases marine habitat value and structural durability - applied to coastal and marine infrastructure.
Kenoteq (UK)	kenoteq.com	Produces K-Briq, an unfired compressed brick from 90%+ recycled demolition waste, requiring no kiln and generating a fraction of a conventional brick's carbon.
Material Evolution (UK)	materialevolution .com	Produces low-carbon cement from industrial waste streams, meeting standard structural requirements at significantly lower embodied carbon than Portland cement.
Seratech (UK)	seratech.co.uk	Produces supplementary cementitious material from silica captured in carbon mineralisation, enabling lower-carbon concrete at required structural performance.
Adaptavate (UK)	adaptavate.com	Produces Breathaboard, a carbon-negative alternative to plasterboard that sequesters CO_2 during manufacture, saving up to 4kg of CO_2 per m^2.

L2.4 - MMC & Digital Fabrication

Category Description: Platforms and systems enabling offsite manufacture, Design for Manufacture and Assembly (DfMA) and digital fabrication - connecting design intent to factory production and site assembly workflows.

Company	Website	Revised Description
Artic (UK)	artic.works	Integrates design, manufacturing and site delivery workflows for built environment manufacturers, improving end-to-end efficiency from design to installation.
AUAR (UK)	auar.io	Automated, decentralised housing construction platform using robotic fabrication and modular timber blocks, deploying local micro-factories near build sites.
Kope.ai (UK)	kope.ai	Digital platform for offsite construction and DfMA, enabling designers and manufacturers to integrate standardised building systems into early design.
Modulize (Norway)	modulize.com	Analyses building designs to increase prefabrication potential, reducing waste, cost and complexity in the transition to MMC.
Offsight (US)	offsight.com	Factory production management platform for offsite and modular construction - tracking production status, quality, materials and labour in real time.
Podium (Singapore)	podium.io	Automates DfMA design workflows, helping project teams configure and coordinate standardised building components for offsite production.

L2.5 - Site Processes & Insights

Category Description: Technologies providing real-time passive monitoring and visibility into on-site activities - through cameras, drones, IoT sensors and AI analytics - to track progress and support decision-making during construction. Excludes workflow execution apps, safety compliance platforms and permitting systems.

Company	Website	Revised Description
BuildAI (Australia)	buildai .construction	Computer vision platform using crane-mounted cameras to monitor construction progress, material flows and site activity in real time.
Buildots (Israel)	buildots.com	AI and computer vision platform automating on-site progress tracking and delivering predictive performance forecasts against programme.
Contilio (UK)	contilio.com	3D AI platform that captures and analyses site conditions from photos or point cloud data to track progress, detect spatial clashes and quantify work completed.
Evercam (Ireland)	evercam.io	Fixed construction site cameras with AI monitoring and time-lapse tools providing continuous visual oversight from any location.
OpenSpace (US)	openspace.ai	AI-powered 360° photo documentation platform creating a continuous visual record of construction progress accessible to all stakeholders.
Converge	converge.io	IoT sensor platform monitoring concrete curing conditions in real time - enabling earlier formwork striking, optimising cement content and compliance data.

L2.6 - Workflow Apps

Category Description: Mobile-first platforms digitising and coordinating site-level operational processes - including daily reporting, task management, document sharing and field communications - connecting site and office teams in real time.

Company	Website	Revised Description
SmartStruct (UK)	smartstruct.ai	Construction management platform integrating estimating and takeoff, scheduling, task tracking, cost control, document management and health and safety compliance, with real-time reporting and a mobile app for field teams.
LetsBuild (Denmark)	letsbuild.com	Aligns site execution with the master schedule, helping large contractor organisations reduce delays and maintain accountability.
Onetrace (UK)	onetrace.app	Digital traceability and workflow platform for mechanical and electrical contractors, managing jobs, tracking materials and maintaining compliance documentation.
Raken (US)	rakenapp.com	Field-first app for daily reporting, productivity tracking and safety management, reducing administrative load on site teams.
Sitemate (Australia)	sitemate.com	Flexible digital platform scaling from simple site forms to full HSEQ and asset management across complex construction and resource projects.
SymTerra (UK)	symterra.com	Site team communication platform capturing real-time data to support faster decision-making and consistent records across the project lifecycle.

L2.7 - Workforce & Labour

Category Description: Digital platforms for construction workforce management - covering induction, competence verification, access control, scheduling, forecasting and attendance tracking.

Company	Website	Revised Description
Assignar (Australia)	assignar.com	Workforce and operations management platform for construction subcontractors, covering scheduling, timesheets, compliance and field operations.
Bridgit Bench (US)	gobridgit.com	Workforce planning and forecasting platform for contractors, enabling project managers to allocate staff, predict gaps and manage capacity across the portfolio.
Complete Competence (UK)	completecompetence.com	Digital competence management platform enabling organisations to verify, track and manage worker qualifications and training records.
Eyrus (US)	eyrus.com	Combines access control with workforce data analytics, providing real-time visibility into labour attendance and site activity.
innDex (UK)	inndex.co.uk	Integrated platform managing workforce safety and compliance through inductions, competence verification and access control on a single system.
SmartBarrel (US)	smartbarrel.io	Biometric time tracking platform for construction, automating worker check-in and time recording using AI-powered recognition to eliminate manual timesheets and deliver accurate labour attendance data in real time.

L2.8 - Plant & Equipment Telematics

Category Description: IoT and telematics platforms aggregating data from mixed construction equipment fleets - tracking utilisation, location, fuel consumption, maintenance status and operator behaviour.

Company	Website	Revised Description
ABAX (Norway)	abax.com	OEM-agnostic telematics platform connecting vehicles, plant and tools to provide real-time tracking, utilisation analytics and operational visibility across mixed construction fleets.
Hiboo (France)	hiboo.com	OEM-agnostic equipment analytics platform aggregating telematics from mixed fleets to improve utilisation, reduce downtime and lower carbon emissions.
MachineMax (UK)	machinemax.com	(Part of Vesta Software Group). IoT sensors and AI monitoring plant utilisation and operator behaviour in real time, enabling cost reduction and carbon reporting on construction sites.
Tenderd (UAE)	tenderd.com	AI-powered equipment management platform helping contractors track, utilise and maintain mixed equipment fleets across large and complex projects.
Tenna (US)	tenna.com	Construction equipment and asset tracking platform covering heavy plant through to small tools, with GPS, Bluetooth and barcode tracking options.
Trackunit (Denmark)	trackunit.com	Construction equipment telematics platform providing connectivity, utilisation tracking and predictive maintenance across large mixed fleets.

L2.9 - Safety Technology & Management

Category Description: Technology platforms and hardware solutions for construction health and safety - including AI video analytics for hazard detection, digital permit and Control of Works management, wearable monitoring and safety compliance administration.

Company	Website	Revised Description
SiteAssist (UK)	siteassist.co	Digital permitting and Control of Works platform managing the full lifecycle of site permits - from application and authorisation through to close out.
Eave (UK)	eave.io	Smart hearing protection and cloud noise monitoring platform giving safety managers real-time visibility of worker noise exposure on site.
Navatech (UK)	navatech.ai	AI-powered safety management platform for construction, digitising risk assessments, permit workflows, near-miss reporting and safety compliance across sites and supply chains.
HammerTech (Australia)	hammertech .com	Comprehensive safety and site operations platform covering inductions, permits, pre-task planning and incident management.
Protex AI (Ireland)	protex.ai	Privacy-preserving computer vision platform monitoring worker behaviour to identify safety risks without capturing identifiable images.
Voxel (US)	voxel.ai	Computer vision platform deployed on existing fixed cameras to detect unsafe behaviours and site conditions in real time.

L2.10 - Quality Assurance & Inspection

Category Description: Platforms digitising construction quality management - covering inspection and snagging workflows, non-conformance tracking, progress-against-quality integration and AI-assisted compliance verification against engineering standards and specifications. Distinct from general project management tools.

Company	Website	Revised Description
Conqa (Australia)	conqa.com	Construction quality management platform digitising inspection checklists, defect tracking and sign-off workflows for residential and commercial projects.
Cumulus (UK)	cumulusquality .com	Quality management platform for construction helping contractors structure, evidence and report quality performance across complex projects.
DigiQC (India)	digiqc.com	Mobile-first quality inspection and snagging platform enabling contractors to conduct, track and close out inspections digitally, with real-time dashboards and structured defect management across residential and commercial projects.
PlanRadar (Austria)	planradar.com	Construction documentation and inspection platform widely used across Europe and the Middle East for snagging, issue tracking and document management.
Sablono (Germany)	sablono.com	Construction execution platform integrating progress tracking, quality management and cost in a single workflow, suited to complex building projects.
Visibuild (Australia)	visibuild.com	Quality and compliance inspection platform enabling contractors to create digital inspection workflows, capture photographic evidence and track defects in real time.

L2.11 - Logistics & Delivery Management

Category Description: Platforms managing the flow of materials, deliveries, plant movements and site access in construction - reducing congestion, improving predictability and providing visibility across complex supply chains from order to on-site receipt.

Company	Website	Revised Description
FERO (UK)	fero.ai	AI platform predicting delivery conflicts, sequencing vehicle movements and reducing idle time on constrained construction sites.
OnSite (UK)	onsite.works	Procurement and logistics platform digitising materials ordering, delivery management and site receipt - spanning both procurement and logistics workflows.
Podfather (UK)	podfather.com	Delivery management and route optimisation platform for construction supply chains, improving delivery visibility and compliance coordination.
ProperGate (Poland)	propergate.co	Construction site logistics platform digitising just-in-time delivery management - coordinating deliveries, scheduling unloading, managing gate access and tracking materials in real time across complex multi-contractor sites.
Qflow (UK)	qualisflow.com	Construction materials data platform capturing delivery and waste information at source to improve traceability, compliance and carbon reporting.
Voyage Control (UK)	voyagecontrol .com	Construction logistics platform managing deliveries, vehicle bookings and site access to reduce congestion and improve materials predictability on complex sites.

L2.12 - Waste Management & Circular Economy

Category Description: Digital platforms tracking, reporting and reducing construction waste; and circular economy tools enabling materials passports, reuse matching and end-of-life component exchange.

Company	Website	Revised Description
Circuland (UK)	circuland.co.uk	Platform treating buildings and urban areas as material banks, connecting demand for reused components with available supply.
Concular (Germany)	concular.com	Digital material passports for buildings undergoing refurbishment or demolition, enabling systematic cataloguing and reuse of building components.
Excess Materials (Netherlands)	excess.company	Digital marketplace and materials passport platform matching Exchange surplus construction materials between projects to enable reuse and reduce landfill.
Remake Materials (UK)	remakematerials .com	Platform matching recovered construction materials and components between demolition and new-build projects, reducing waste and embodied carbon.
Skrap (UK)	skrap.co.uk	Digital waste management platform replacing manual skip logs and paper waste transfer notes with real-time site tracking and reporting.
SmartWaste by BRE (UK)	bregroup.com/ products/ smartwaste	Sustainability and waste management platform tracking waste, carbon, materials and biodiversity across 27,000+ projects.

LAYER 3 COMMERCIAL & CONTROL

L3.1 - Procurement & Sourcing

Category Description: Platforms digitising construction procurement workflows - from tender preparation and supplier engagement through to bid evaluation and award - replacing fragmented email and spreadsheet processes with structured, auditable systems.

Company	Website	Revised Description
Cosuno (Germany)	cosuno.com	Construction subcontractor and supplier tendering platform widely used in the German and European market.
Kojo (US)	usekojo.com	Materials procurement platform for trade contractors, streamlining purchasing from quote through to purchase order and delivery tracking.
ProcurePro (Australia)	procurepro.co	Construction procurement platform digitising sourcing workflows from tender preparation through bid comparison and award.
Procurified (UAE)	procurified.com	Bid and tender management platform for pre-construction workflows, enabling contractors to manage subcontractor tendering and compare bids structurally.
Prolo (UK)	prolo.io	AI-enabled materials procurement platform helping contractors source, price and order construction materials more quickly through market-tested supplier pricing.
Structshare (US)	structshare.com	Mobile-first procurement and materials management platform for subcontractors, connecting field teams with purchasing workflows to improve cost control.

L3.2 - Contracts & Change Management

Category Description: Platforms digitising construction contract administration and change control - including NEC management, AI contract review, obligation tracking and drawing change identification.

Company	Website	Revised Description
BuildPrompt (UK)	buildprompt.ai	AI platform automating document analysis, compliance verification and requirements checking across construction contracts and assurance documentation.
Built Intelligence (UK)	builtintelligence.com	Digital contract management and NEC administration tools for consistent handling of obligations, early warnings and compensation events across programmes.
Document Crunch (US)	documentcrunch.com	(Now part of Trimble). AI and NLP contract review platform extracting key obligations, risks and non-standard clauses, reducing review time and improving risk visibility.
MarkedUp	markedup.ai	AI-powered document intelligence platform that extracts, checks and structures information from construction drawings and documents.
ShapeDo (Israel)	shapedo.com	Drawing change management platform comparing design versions, highlighting changes and enabling structured review to manage design changes commercially.
Thinkproject Contracts (formerly CEMAR)	thinkproject.com	NEC contract event management platform, structuring administration of early warnings, compensation events and obligations across major UK infrastructure projects.

L3.3 - Payments & Construction Finance

Category Description: Platforms digitising construction payment processes - subcontractor applications, certification and early payment finance - addressing the sector's persistent cash flow and supply chain solvency challenges.

Company	Website	Revised Description
Lentune (Australia/ New Zealand)	lentune.com	Construction financial management platform purpose-built for mid-market main contractors and subcontractors, managing progress claims, subcontractor payments, variations, retentions and job cost forecasting in a single system.
NetNow (Canada)	netnow.io	Early payment financing for construction subcontractors, enabling access to cash against certified invoices before standard payment terms expire.
Payapps (Australia)	payapps.com	Construction payment application platform for subcontractor claim submission, review and certification - now part of Autodesk Forma following Autodesk's 2024 acquisition.
Saible (UK)	saible.co.uk	Provides digital parallel payment accounts (DiPPAs) that reduce financial risk for project funders, contractors and suppliers through ring-fenced payment flows.
Siteline (US)	siteline.com	Subcontractor billing and payment management platform centralising pay applications, lien waivers and compliance documentation to improve cash flow visibility.
Xpedepay (UK)	xpedepay.com	Digital payment and certification platform supporting payment application validation and processing, reducing cycle times across the supply chain.

L3.4 - Marketplaces

Category Description: Digital exchange platforms connecting buyers and sellers of construction materials, labour and plant - covering soil and aggregate exchange, equipment hire, materials sourcing and verified subcontractor networks.

Company	Website	Revised Description
Iknowa (UK)	iknowa.com	UK marketplace connecting contractors with verified tradespeople and subcontractors, supporting faster mobilisation while maintaining compliance standards.
Infra.Market (India)	infra.market	Construction materials marketplace and supply chain platform at scale across India, aggregating demand and providing quality-assured materials competitively.
Krank (UK)	krank.io	Specialist marketplace for crane and lifting equipment hire, improving pricing transparency and access in a sector with significant mobilisation lead times.
Materials Market (UK)	materialsmarket.com	Digital marketplace for construction materials enabling contractors to compare suppliers and procure more efficiently within a competitive supply environment.
Nexus ReGen (UK)	nexusregen.com	Digital exchange platform for heavy construction materials enabling contractors to source and share soils, aggregates and demolition arisings with verified provenance and carbon data.
Yardlink (UK)	yardlink.co.uk	Plant and equipment hire marketplace connecting contractors with local hire companies, improving availability and reducing cost across a broad asset range.

L3.5 - Project Controls, Analytics & Forecasting

Category Description: Platforms integrating cost, schedule, risk and progress data for major capital programmes - applying AI and predictive analytics to move beyond retrospective reporting toward forward-looking performance management and early intervention.

Company	Website	Revised Description
Beawre (Poland)	beawre.com	Project intelligence platform monitoring data continuously to detect risk signals and forecast performance, enabling earlier intervention on capital programmes.
Foresight Works (UK)	foresight.works	Project controls and performance management platform integrating cost, schedule and risk data for structured forecasting and assurance reporting.
InEight (US)	ineight.com	Enterprise project controls suite covering estimating, scheduling, field execution and cost control on major infrastructure, energy and industrial programmes.
Mastt (Australia)	mastt.io	Cloud-based project controls platform for capital programme reporting, consolidating cost, schedule, risk and progress data for owners and PMOs.
nPlan (UK)	nplan.io	AI outcome forecasting and schedule generation trained on 750,000+ completed projects to quantify programme risk for major infrastructure clients.
Strategic Project Solutions	strategicproject solutions.com	Project Production Management platform applying production system principles to optimise workflow, sequencing and resource utilisation on capital projects.

L3.6 - Insurance & Risk Solutions

Category Description: Technology platforms and specialist providers improving construction insurance underwriting, compliance and risk management - including data-driven pricing, certificate of insurance automation, parametric coverage and specialist market capacity for complex construction risk.

Company	Website	Revised Description
Concirrus (UK)	concirrus.ai	AI-first underwriting platform for specialty insurance, enabling insurers to move from submission to technical quote in minutes across specialty lines including construction.
Jones (US)	jones.io	Insurance compliance automation platform: streamlines collection, verification and monitoring of certificates of insurance across construction supply chains.
Rosetta Risk Management (UK)	rosettarm.com	SaaS platform aggregating real-time construction risk performance data for insurers, brokers and contractors, linking project data directly to underwriting decisions.
Shepherd Insurance (US)	shepherdinsura nce.com	AI-native commercial construction insurer using project data and risk modelling to price policies more accurately, with automated vendor insurance compliance.
Stand Insurance (US)	standinsurance .com	Parametric construction insurance platform providing coverage triggered by defined project events, with faster and more transparent claims resolution.
TrustLayer (US)	trustlayer.io	Broader risk management platform automating third-party compliance - tracking Certificates of Insurance (COIs), policy limits, endorsements and risk data across subcontractor networks.

L3.7 - Social Value & ESG

Category Description: Platforms for measuring, evidencing and reporting social value and ESG performance in construction - including Themes, Outcomes and Measures (TOMs) framework compliance and contractor sustainability reporting.

Company	Website	Revised Description
Alasco (Germany)	alasco.de	Construction cost and sustainability management platform combining financial project control with carbon and ESG reporting.
EcoSync (UK)	ecosync.io	ESG data management and reporting platform for construction businesses, aggregating supply chain and project sustainability metrics into structured reports.
Emsol (UK)	emsol.io	Real-time air quality and emissions monitoring platform for construction sites, measuring particulate matter and NOx to manage environmental and planning compliance.
Nutral (UK)	nutral.co.uk	Biodiversity and nature recovery platform for built environment projects, enabling developers to meet Biodiversity Net Gain requirements.
Social Value Portal (UK)	socialvalueportal .com	Platform for measuring and reporting social value using the National TOMs framework, enabling clients and contractors to evidence and benchmark project outcomes.
SustainIQ (UK)	sustainiq.com	All-in-one ESG and sustainability reporting platform for construction, tracking social value, carbon, waste, supply chain and diversity across 200+ metrics.

LAYER 4 ASSET & LIFECYCLE

L4.1 - Information Management & CDEs

Category Description: Structured environments for storing, sharing and accessing project information across the supply chain in accordance with ISO 19650 - including emerging AI layers making Common Data Environment (CDE) data searchable and actionable.

Company	Website	Revised Description
Atvero (UK)	atvero.com	ISO 19650-aligned CDE and document management platform supporting structured information management across infrastructure and engineering projects.
Autodesk Construction	autodesk.com /forma	Integrated construction cloud platform combining document management, model coordination, workflow control and site execution across the project lifecycle.
Hoppa (UK)	hoppa.ai	AI-powered data refinery for the built environment - automatically classifying, enriching and structuring unstructured document stores.
Morta (UK)	morta.io	Connected data and workflow platform enabling construction teams to build structured relational databases from project information, replacing spreadsheets with auditable workflows.
Speckle (UK)	speckle.systems	Open-source data hub enabling design and construction teams to share, version and connect model data across software tools and disciplines, improving interoperability.
Trunk Tools (US)	trunktools.com	AI-powered project knowledge assistant enabling teams to query and retrieve information across project documentation and existing CDE platforms using natural language.

L4.2 - Handover & Commissioning

Category Description: Platforms managing structured transfer of completed assets from contractor to end-user - covering O&M information collation, commissioning tracking, snagging and golden thread compliance under the Building Safety Act 2022.

Company	Website	Revised Description
CxPlanner (Denmark)	cxplanner.com	Commissioning management platform structuring the full commissioning process from pre-commissioning through functional testing and handover sign-off.
GBuilder (Finland)	gbuilder.com	BIM-based customer journey management platform for residential developers, managing material selections, defect resolution and digital handover across the buyer lifecycle.
Glider Technology (UK)	glidertech.com	Defines, collates and validates O&M information during design and construction to support a structured and auditable handover to the operations phase.
Inndox (Australia)	inndox.com	Digital property logbook and handover platform capturing and storing all property documentation at handover for structured lifecycle access.
XFormsCX (US)	xformscx.com	Commissioning and closeout platform digitising inspection, testing and handover workflows and producing audit-ready documentation for closeout teams.
Zutec (UK)	zutec.com	Construction quality and handover platform covering inspections, snagging and document management for major UK residential and infrastructure projects.

L4.3 - Digital Twins

Category Description: Data-connected representations of physical assets linked to sensor feeds, inspection records and operational systems - enabling decision-making across the asset lifecycle. Covers infrastructure, buildings and city-scale platforms.

Company	Website	Revised Description
Bentley iTwin (US)	bentley.com/itwin	Infrastructure digital twin platform integrating engineering data, reality capture and IoT feeds for connected asset representation throughout the lifecycle.
Neara (Australia)	neara.com	Utility network modelling platform with AI-driven engineering analysis, supporting risk assessment, climate scenario testing and operational planning for network owners.
Twinit (Ireland)	twinit.com	Digital twin platform with integrated CDE capabilities enabling consultants to deploy connected project solutions using structured asset data and AI.
Twinn by Haskoning (Netherlands)	twinn.io	Predictive simulation platform built on the WITNESS engine, creating dynamic virtual models of facilities, operations and processes to validate design and operational decisions.
Twinview (UK)	twinview.co.uk	Digital twin platform enabling asset owners to visualise and interrogate building and infrastructure data across design, construction and operations.
Willow (Australia)	willowinc.com	Digital twin platform unifying spatial, static and live operational data into a knowledge graph for asset monitoring, optimisation and automation.

L4.4 - Asset Management

Category Description: Software enabling owners and operators to plan, maintain and optimise assets across their operational lifecycle - from enterprise investment planning and CMMS through to AI-powered field operations and specialist infrastructure inspection tools.

Company	Website	Revised Description
Copperleaf (Canada)	copperleaf.com	Enterprise asset investment planning platform, now part of IFS Group following its 2024 acquisition. Widely deployed across utilities, water and transport infrastructure.
Cordel (UK)	cordel.ai	Rail infrastructure inspection platform using AI and LiDAR to automate track-side survey data analysis, enabling defect identification and maintenance prioritisation.
FaultFixers (UK)	faultfixers.com	Facilities maintenance platform enabling real-time reporting, tracking and resolution of building issues across building managers, maintenance teams and occupants.
Fyld (UK)	fyld.ai	AI-powered field operations platform for utilities and infrastructure maintenance teams, automating job planning, risk assessment and compliance documentation.
Limble CMMS (US)	limblecmms .com	Cloud-based maintenance management platform streamlining asset maintenance, work orders and equipment condition tracking across facilities, manufacturing and infrastructure.
Quarterbac (Australia)	quarterbac.com	Quarterbac's WorkUp platform is a strategic asset management platform supporting planning, management and performance reporting across complex infrastructure portfolios.

L4.5 - Building & Asset Operations

Category Description: Platforms monitoring and optimising asset performance in operation - integrating IoT, BMS, energy systems and occupancy data to control and improve building systems in real time. Includes retrofit energy management and operational carbon optimisation.

Company	Website	Revised Description
decarbAI (Sweden)	decarb.ai	AI platform optimising in-use energy consumption and reducing operational carbon emissions in buildings.
Elyos Energy (UK)	elyosenergy.com	UK energy optimisation and demand response platform for commercial buildings, connecting to BMS, HVAC, solar and EV charging systems.
Facilio (India/US)	facilio.com	Connected buildings and facilities operations platform with strong enterprise traction across commercial real estate and infrastructure portfolios.
GRYD Energy (UK)	gryd.com	Energy and EV charging management platform for commercial real estate, enabling operators to monitor, manage and optimise energy flows across sites.
PassiveLogic (US)	passivelogic.com	Autonomous building control platform using physics-based AI and digital twins to replace legacy BMS systems, optimising energy use in real time at the edge.
Vanti (UK)	vanti.co.uk	Systems integrator delivering smart building platforms that integrate mechanical, electrical and digital systems into a unified operating environment.

Final summary

The challenge is not innovation but rather creating the conditions in which innovation can succeed.

Construction remains one of the largest industries in the world and one of the least digitised. The global market is projected to grow from $13 trillion today to $22 trillion by 2040, while 75% of the infrastructure the world will need by 2050 has yet to be built.

At the same time, the sector faces a worsening labour shortage, with a shortfall of 2.5 million workers in Europe alone and a quarter of the UK workforce expected to retire by 2030.

The opportunity for construction technology is therefore enormous. But as this Catalogue shows, the challenge is not a shortage of solutions.

The difficulty is in creating the conditions required for those solutions to be adopted at scale.

Fragmented procurement, a funding gap for early-stage companies, a persistent trust deficit around AI and the growing dominance of large vendors in core categories all combine to slow progress.

Progress will come not from individual technologies, but from how effectively the industry behaves as a system - aligning standards, integrating tools and creating pathways for adoption. That is the problem that matters.

About the C-Tech Club

The C-Tech Club was set up in 2019 as a 'safe space' to help founders of construction-tech start-ups collaborate and learn from each other.

The C-Tech Club is a 'by-founders-for-founders' community run on a not-for-profit basis by Priestland Consulting.

It is open to anyone who is genuinely a founder or leader of a technology start-up in the construction sector.

The Club has two rules: (1) that what goes on in Club discussions is non-attributable (i.e. 'Chatham House Rules' apply); and (2) "no selling!".

In addition to producing this Catalogue, the C-Tech Club runs monthly speaker meetings and has an active social media presence.

We organise dinners, act as advocates for start-ups with governments and other key stakeholders and help raise the profile of founders, for example in the media and at conferences.

To join the C-Tech Club contact:
info@c-techclub.org

The C-Tech Club is a global community of 538 founders in 32 countries.

While the C-Tech Club is free to join, we are very grateful to the 55 founders and start-ups who support the Club financially - the logos of whom we set out below. We also thank our four sponsors for their generous support.

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