

Startup Map

When exploring the future of an industry, developing an understanding of the startup ecosystem helps to envision future developments. Our research identified start-ups in 7 categories, all bringing the building industry closer to a more sustainable, productive and technological future with solutions that have obtained significant investments.



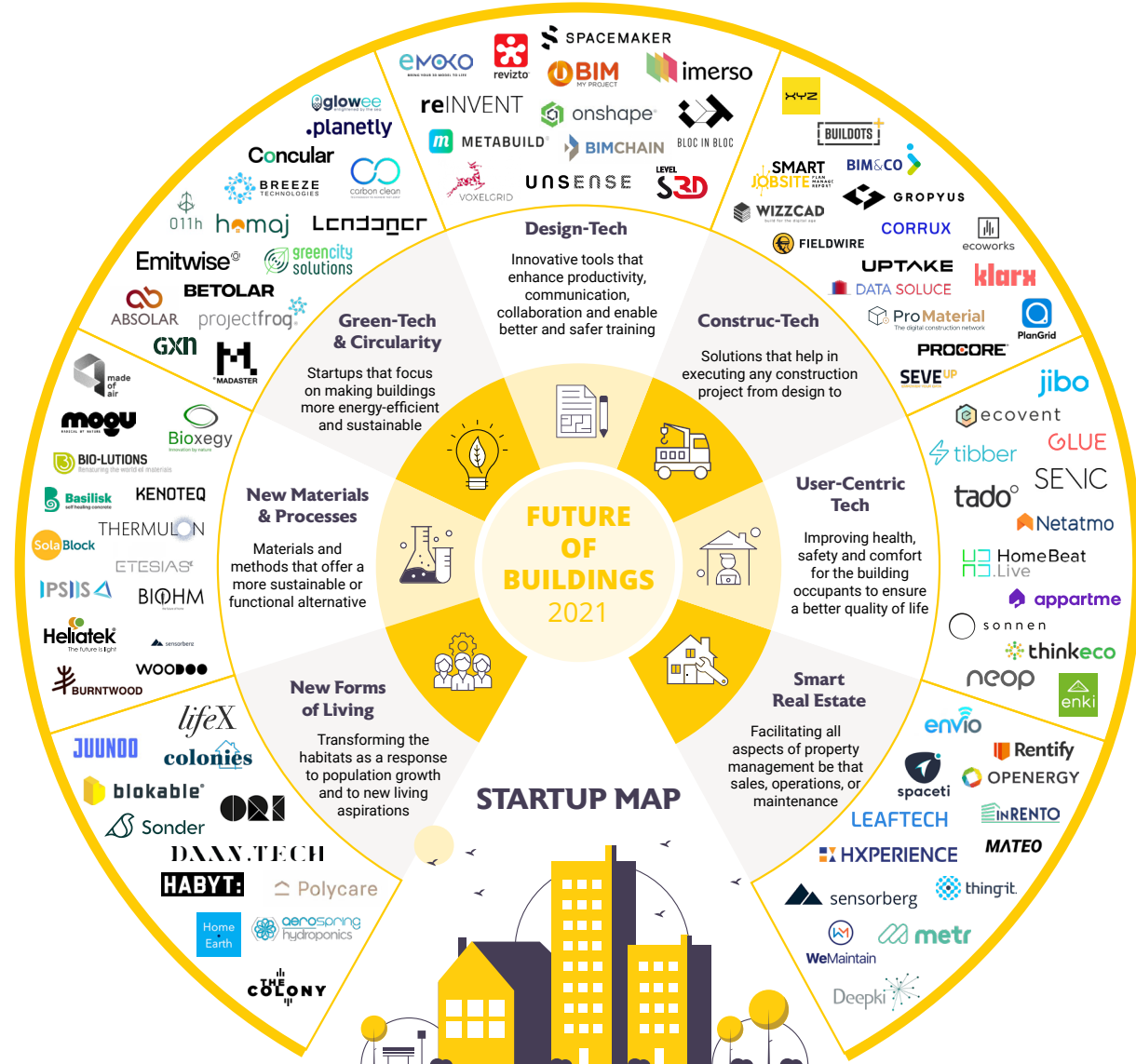
Gropyus provides housing for people, with a focus on design for manufacturing and regenerative material usage, enabling customers to have access to sustainable living spaces at affordable prices.

Home.Earth

European real estate company setting out to develop urban communities with inclusivity, liveability and sustainability at its core.

Concular

Concular is a platform to digitize building materials using material passports, recirculate them and measure the impact using a life cycle assessment.



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New forms of Living

Habyt	https://www.habyt.com/	Habyt aims at creating the best housing experience
Colonies	https://www.livecolonies.com/	Colonies creates smart living housing solutions by designing and managing fully-furnished, community-minded quality homes located in large cities.
Home Earth	https://www.home.earth/	Imagine a new way forward for real estate
JUUNOO	https://www.juunoo.com/why-juunoo/?lang=en	Juunoo offers a circular and economical alternative for interior walls.
blokable	https://blokable.com/	Blokable creates prosperity and equity in communities by disintermediating the traditional development process and providing a vertically integrated solution to create housing at scale. Our solution is a new paradigm in development, enabled by a new building system and technology.
life X	https://www.joinlifex.com/	LifeX is your new co-living home. We help you feel settled in a city with a flexible housing subscription in a community of like-minded professionals. We focus on strengthening our community through activities and events where everyone can participate
Sonder	https://www.sonder.com/	Sonder is revolutionizing hospitality through innovative, tech-powered service and inspiring, thoughtfully designed accommodations combined into one seamlessly managed experience. Sonder's innovative app empowers guests by making self-service features and 24/7 on-the-ground support just a tap away.
aero spring hydroponics	https://aerospringhydroponics.com/	At Aerospring Hydroponics, we believe that everyone should experience the joy of fresh produce. That's why we have dedicated our efforts to helping people grow, eat and share food from their home and office. manufactures patented, high-quality, vertical hydroponic systems that make having a productive, useful and versatile home garden easy, no matter where you live
Dann.Tech	https://daan.tech/en/discover-bob-mini-dishwasher/	Daan Technologies is a high-end home appliances manufacturer.
Ori Living	https://www.oriliving.com/	Our goal is to empower people to live large in a small footprint. We believe spaces should expand and adapt to our lives, that smarter spaces can provide us with the flexibility we need, and deliver the experience we want, by transforming effortlessly.
The Colony	https://the-colony.de/	"Sustainable, resilient & colorful coliving mini-quarters in existing, urban structures."
Polycare	https://polycare.de/polyblocks/the-design	Sustainable, modular and affordable DIY housing

New Materials & Processes

Woodoo	https://www.woodoo.com/	the inventor of augmented wood, a bioengineered revolution for the future of smart cities: touch-sensitive and light-weight for HMI (Human-to-Machine Interface) and mobility interiors, and weatherproof plus 300% stronger to build tomorrow's wooden skyscrapers. Leveraging unused resources, Woodoo enhance low-grade wood into a high-tech material.
fenx	https://fenx.ch/	We transform mineral waste into high-performance and sustainable insulation for the building industry. Our process re-qualifies highly abundant mineral waste to build a safe and green future fostering a circular economy. We exploit key properties of mineral particles to produce highly porous materials with excellent insulating properties.
ETESIAS	https://www.etesias.it/it/	a startup company developing an innovative, sustainable, efficient and flexible process based on 3D printing for the production of new prefabricated reinforced concrete elements. Is the only owner of a family patents related to the fabrication of reinforced concrete (RC) elements based on concrete 3D printing and robotics/automation, that are combined to produce a new class of products, with highly innovative properties and performances.
Burnt Wood	https://www.burntwood.dk/en/	A viable alternative to pressure-impregnated wood.
Heliatek	https://www.heliatek.com/en/	As the technology leader in organic photovoltaics, Heliatek develops, produces and distributes industrial-grade organic PV solar solutions for virtually any building surface (horizontal, vertical, curved, rigid, and flexible).
Biohm	https://www.biohm.co.uk/	Research and development of bio-based materials, particularly in the fields of bio-manufacturing materials for construction, made from waste
IPSIIS	https://ipsiis.com/en/	A sustainable insulation solution for green affordable housing and energy conservation: locally produced, fire-proof, light mineral foam.
Bioxegy	https://en.bioxegy.com/	Bioxegy relies on multidisciplinary and top-notch expertise to launch successful biomimicry projects with you R&D teams.
SolaBlock	http://solablock.com/	A manufacturer of solar-clad masonry. The solar wall systems are conventional masonry materials, clad with solar photovoltaic technology, and address the need for building integrated photovoltaic power generation where conventional solar modules are poorly suited. The wall systems can be used for new construction or renovation projects
Basilik	https://www.basiliskconcrete.com/en/	Self-healing concrete
Mogu	https://mogu.bio/	Construction materials made of mycelium (flooring systems, acoustic panels)
Thermulon	https://www.thermulon.com/	Thermulon develops aerogels for building insulation. Aerogels are the most insulating materials known to man. Thermulon's aerogels are the first to beat the tradeoff between fire-safety, thermal performance and price.
Made of Air	http://www.madeofair.com/	a climate-focused materials company transforming waste biomass into high-value, carbon negative materials for industrial use.
Kenoteq	https://kenoteq.com/	The K-Briq is the most innovative construction brick to ever enter the market, boasting a competitive sale price and sustainability at its core, using new circular economy processes. Has UK and US granted patents for the K-Briq. Also is a Scottish clean tech spin-out from Heriot-Watt University.
BIO-LUTIONS	https://www.bio-lutions.com/	Ecological packaging from agricultural residues (relevant for logistics of AEC components?)

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Green-Tech & Circularity

GXN Innovation	https://3xn.com/	Design research on digital fabrication, circularity...
Lendager Group	https://lendager.com/	Advisory on circular economy (Lendager TCW)
Concular (+ restado)	https://concular.de/en/about-us/	Platform of secondary materials from construction + Advisory for construction companies to be resource-efficient and circular
CRCLR House - Hub for Circular Economy (former Circular Lab Berlin)	https://crclr.org/	"Think and do tank for the circular economy (Note: A. Grindhammer has also founded TRNSFRM eG, a sustainable construction cooperative and CRCLR Living, a community co-housing project)"
Madaster	https://madaster.com/	Cadastre for materials
Glowee	https://www.glowee.eu/	Glowee is a living lighting energy, coming directly from nature, at the crossroads of biomimicry and biotechnology, ready to revolutionize our way to produce, consume and light up!
011h	https://www.011h.com/	Founded in 2020, its mission is to reinvent the industry by transforming the process of the design and construction of buildings.
emitwise	https://emitwise.com/about-us	Our mission is to help businesses respond to the climate emergency by accelerating the transition to a net-zero carbon world. Emitwise's unique technology empowers companies to drive emission cuts through their operations and supply chain, enabling them to meet carbon targets faster and support the transition to a low-carbon economy.
Betolar	https://www.betolar.com/about-us	Geoprime® by Betolar is the next-generation, low carbon innovation and a sustainable alternative to cement.
homaj	http://www.homaj.fr	At Homaj, we build sustainable and eco-responsible wooden houses, made in France from wood from eco-managed forests. All our houses are equipped with photovoltaic panels to ensure the production of renewable energy throughout the year.
Carbon Clean	https://www.carbonclean.com/	Carbon Clean is an established global leader in industrial carbon capture solutions helping essential, but hard-to-abate, industries decarbonise.
Planetly	https://www.planetly.com/	Software for companies to analyze, reduce and offset their carbon footprint
Green City Solutions	https://greencitysolutions.de/	We provide solutions combining nature and technology to purify air pollution in cities. We are the manufacturer of the world's first bio-tech filter which quantifiably improves air quality.
Absolar	https://ab.solar/	Originating from the University of Southampton and the Royal Academy of Engineering, Using AI and GIS technologies to help local authorities and building owners lower their carbon emissions and understand their solar feasibility at the highest accuracy.
Breeze Technologies	https://www.breeze-technologies.de/	Breeze Technologies is a technology leader for air quality sensors, air quality data and air quality analytics software. The company leverages the internet of things and artificial intelligence to help cities and businesses create better clean air action plans and a more liveable environment.
Project Frog	https://www.projectfrog.com/	Project Frog is revolutionizing the building industry by applying technology to streamline design and construction processes. We have developed the scalable infrastructure that can be inserted anywhere along your build process. We are leveraging the marriage of Kit-of-Parts Platform + Technology to power an innovation and evolution enterprise platform in our industry - ICaaS™.

Design-Tech

Spacemaker	https://www.spacemakerai.com/?redirect=disable	Spacemaker is a cloud-based AI software, empowering teams to collaborate, analyze and design real estate sites. Lower risk. Faster projects. Better homes.
Metabuild	https://www.metabuild.io/	Helping real estate professionals to create better buildings with the power of AI and building simulations.
Voxelgrid	https://voxelgrid.com/news/?lang=en	Company focused on 3D modeling of buildings and building environments
Level S3d	https://levels3d.com/	specialized in 3D and augmented reality solutions. Levels3D is designing a 3D room scanning application called S3D Capture, an application running on new generation devices
Bim Chain	http://bimchain.io	Building Information Modeling", a new collaborative process based on common digital modeling, is revolutionizing the Building Industry
Imerso	https://www.imerso.com/	Imerso is a tech company creating Digital Twins for Property Development using 3D Laser Scanning and AI.
EMOKO	https://emoko.io/	Emoko is a technological platform that automatically transforms 3D models of buildings into real-time, immersive, customizable experiences. It is primarily intended for design offices, architects, builders and developers. Emoko thus relies on BIM and virtual reality to accelerate the decision-making and validation process.
Bim my project	http://bimmyproject.fr/	BIM My Project offers Mixed Reality solutions that exploit data from BIM. Our ambition is to bring BIM to the field to facilitate the work of site production. We project the digital model of the building in the form of a 1/1 scale hologram directly on the site.
Revizto	https://revizto.com/fr/	Revizto is the industry-leading Integrated Collaboration Platform (ICP) used by Architects, Engineers, Contractors and Owners to maximize workflows throughout the project lifecycle. Our software brings together teams and workflows into one integrated platform and provides a single vision of the project for all stakeholders regardless of their technical proficiency. Revizto facilitates BIM coordination among all project members, provides individual accountability, and enables real-time project review in 2D, 3D and in Virtual Reality.
reINVENT	https://re-invent.de/	software for construction projects. We revolutionize the hardly digitized building industry by offering a software platform to connect all major parties during and after construction. redesign all customer processes with digital solutions for communication, data transfer and documentation to generate significant cost and time savings for building contractors and project developers.
onshape	http://www.onshape.com	Onshape is a next-generation SaaS design platform that speeds up product development. It's an all-in-one system that combines CAD, release management, workflow, collaboration, analytics, admin tools, and an API with more than 50 engineering applications.
UNSense	http://unsense.com/	UNSense is an arch tech company that combines design thinking and data technology.
Bloc in bloc	http://www.blocinbloc.com	To support construction industry players in the digital transition, Bloc In Bloc offers an application allowing the visualization of a construction or renovation project in augmented reality by selecting customizable business filters.

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Construc-Tech

Wizzcad	https://wizzcad.com/	A unique collaborative platform for digital transformation of all your projects, from design to maintenance.
corrux	https://corrux.io/	corrux technology extracts, integrates and analyses machine data to enable actionable insights. We combine the power of IoT, Analytics and Insights to create transparency and the capacity to make data-driven business decisions.
Data Soluce	https://datasoluce.com/en/home/	Data Soluce structures and centralizes building data for a streamlined management of your assets.
ecoworks	https://www.ecoworks.tech/ueber-uns	ecoworks develops innovative components and technologies that enable up to eighty percent of the tasks to be relocated from the construction site to the factory. This includes prefabricated elements of a building envelope with already integrated windows, doors and intelligent building services as well as a digital 3D planning and factory process. affordable renovations with short construction times and warm rent neutrality for tenants.
Seve Up	https://seve-up.com/	SeveUp App allows you to improve your Building Information Modeling aka BIM process with datavisualization and business intelligence
Smart Jobsite	https://www.smartjobsite.com/	The association of BIM with Smart Connected Devices will revolutionize the way construction sites are managed. It will soon be possible to better plan and monitor operations by handling every component on a Jobsite. This will streamline construction flows, enhance decision support and significantly improve overall performances.
XYZ Reality	https://www.xyzreality.com/	Revolutionising Construction. Building Information Modelling (BIM) and Augmented Reality are changing how we work
Klarx	https://www.klarx.de/en	Discover your perfect rental experience with the help of digital solutions and start your construction projects fully equipped
GROPYUS	https://gropyus.com/contact-us/	design buildings as continuously evolving products to create the most exciting and affordable experience for all. We build for people and conserve the resources of our planet.
BIM&CO	https://www.bimandco.com/bim/fr/	digital construction community, allowing content production and data management for both AEC & Manufacturers. With leading-edge technology, develop platform-agnostic solutions to enable seamless collaboration beyond standards, languages and softwares.
Procore	https://www.procore.com/en-gb	provides cloud-based construction software to clients across the globe. helps firms drastically increase project efficiency and accountability by streamlining and mobilizing project communications and documentation.
Fieldwire	https://www.fieldwire.com/	end-to-end jobsite software - solution for the construction industry.
PlanGrid	https://construction.autodesk.com/products/autodesk-plangrid-build/	responsible for Autodesk Construction Cloud.
Uptake	https://www.uptake.com/	helps industrial companies digitally transform with open, purpose-built software that delivers outcomes that matter.
ProMaterial	https://www.promaterial.com/	"E-commerce, SaaS network Platform that provides a consistent data set with all properties, specifications and documents about construction materials"
Buildot	https://buildots.com/	Buildots helps you to collect, analyse and leverage Data in your construction site

Smart Real Estate

Deepki	https://www.deepki.com/en/	By collecting and analysing existing data, we give our clients the action-levers they need to : gain a better understanding of their portfolio, reduce their environmental footprint, enhance the value of their real estate assets
metr	https://metr.systems/de/	Smart buildings platforms
WeMaintain	https://www.wemaintain.co.uk/	WeMaintain is a PropTech scale-up. has transformed the regulated maintenance market, initially supplying elevator and escalator solutions. gives asset owners and operators an end-to-end solution for implementing critical maintenance, using rich data collected by its IoT hardware and powered by cloud-based proprietary technology.
Spaceti	https://www.spaceti.com/	Spaceti B.V Holding was named the top proptech startup in the world by MIPIM because it offers a singular SaaS platform to safely and efficiently manage spaces from individual offices to entire campuses. Spaceti's holistic view of space management has led to the combination of our Workplace Analytics suite that collects data from our proprietary or third-party sensors (desk/room/parking space occupancy), with indoor air quality management (temperature, humidity, CO2, etc.), and a Workplace App that offers booking and communication functionality.
Openenergy	https://www.openenergy.fr/	Openenergy develops the first SaaS platform dedicated to building energy performance warranty that combines cutting edge Data analytics algorithms and building energy simulation in order to secure the performance target before contracting and optimize operations afterwards.
Hxperience	https://hxperience.com/en/	Hxperience was created in 2015 by former Nokia executives, developing our Smart Building solution SMATI. The SMATI application allows you to act on :Your social and environmental responsibility policy. The control and optimization of your operational and financial efficiency
Envio Systems	https://enviosystems.com/	Envio Systems develops cloud-based technologies for existing commercial buildings. The main IoT product suite is an end-to-end solution for ANY existing commercial building regardless of the facility's size, age, or infrastructure, that helps increase comfort and reduce energy costs, while enabling you to monitor and manage your building from any web-enabled device.
Thing-it	https://www.thing-it.com/	Cloud platform for smart buildings management
InRento	https://inrento.com/	Rental Properties Investment Platform. the platform allows users to invest in rental properties from €500
Mateo	https://www.mateoestate.com/	MATEO is the autopilot for first-class and personal tenant interaction. We help property managers to inspire their own tenants, owners and employees. Creating the best rental experience for the world
Rentify	https://www.rentify.com/	Rentify is a letting agent built for the 21st century. It helps landlords to let and manage their properties by giving them a fixed yield, using Rentify's Property Specialists without the hassle and expense of an old-fashioned agent.
sensorberg	https://sensorberg.com/	Sensorberg digitizes buildings and turns lifeless concrete bodies into digital worlds of experience that make our lives and our work much easier. Smart home or office technology from Sensorberg makes this possible
leaf tech	https://leaftech.eu/	LeafTech was founded in Jan 2018 as LeafTech GmbH with a vision to develop data-enhance building design and control solutions. As the first developed solution, Leaftech is proud to present the Shading Automation Virtual Sensor which is more precise, easy to implement and cost effective comparing to the traditional hardware solutions.