

 **GEOVATION**
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Survey

HM Land
Registry



SPRING SHOWCASE

20
23

01 Introduction

Geovation is the home of geospatial and proptech innovation. Our mission is to maximise positive impact by bringing people together and unlocking their potential so that we have a commercially, environmentally and socially sustainable future. Everything happens somewhere – location is at the heart of the most successful digital products and services, and together, land and property provide the foundation for our national economy.

As nations come together to focus on building a sustainable future, there is a huge opportunity for geospatial data to power innovations that will protect people and the planet. From identifying suitable locations for renewable energy infrastructure to delivering insight that enables sustainable investment decisions, understanding ‘where’ in our world has never been more important.

Our Accelerator Programme and the wider community have always and will always support those businesses that are making a positive impact on the environment and on society. We are proud of the part Geovation plays in fuelling innovative ideas that can truly make a difference.

The founders showcasing their businesses here have embraced the opportunities that using geospatial and property data can bring, and we are in awe of how they

have been able to demonstrate their entrepreneurial spirit and commitment to building their businesses in new and unexpected ways.

We have been working closely with them over the past six months to help them develop their propositions, and we are delighted for them to be able to share their progress with you now.

We believe that the opportunities to work with emerging companies are broader than just financial investment: customers and strategic partners, distribution channels, co-marketing opportunities or research and development support can all be critical to delivering growth. Whether you’re an investor, an individual or representing a business, please do think about what you can contribute to their future growth.

We look forward to helping you connect with the teams.

Thank you again for all your support.



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03 **Blocktype**

www.blocktype.co.uk

Team

Euan Mills, Adam Rae, Jon Bramley, Terje Svinning

Summary

Blocktype is an online tool that gives you a fast and accurate way of evaluating a site's development potential and getting instant feedback on policy requirements, viability and design quality.

Problem

Developers appraise thousands of sites a year, but their methods for understanding development capacity are outdated. They either hire architects to design a detailed layout, which is expensive and slow, or they apply high-level density formulas, which are crude and unreliable. Blocktype provides the accuracy of an architect at the speed of a formula.

Solution

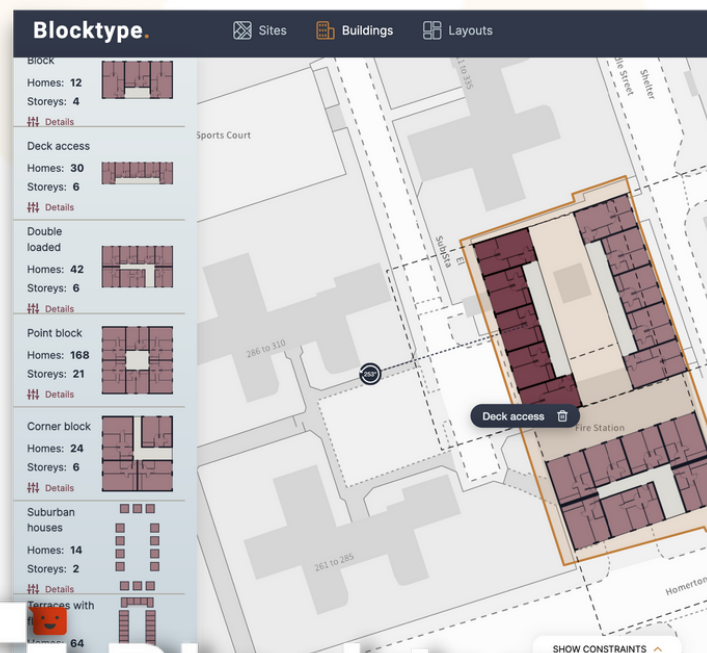
We provide developers with the basic building blocks to create their own site layouts. In doing so they get instant estimates on site-specific policy requirements, viability and design quality.

Go to Market

Property developers, land buyers, land agents, and planners.

Traction

We are about to launch our private beta, and we have well over 100 people on our waiting list.



Blocktype



Team

Waleed Khoury

Summary

Civitem provides advanced analytics tools that leverage machine learning and data analysis to help organisations develop effective climate resilience strategies.

Problem

The planning stage is critical to the success of any renewable energy project, but unfortunately, up to 80% of such projects fail at this crucial stage. There are several reasons for this, including a lack of accurate data and insufficient analysis of the risks involved.

Solution

We provide developers with the basic building blocks to create their own site layouts. In doing so they get instant estimates on site-specific policy requirements, viability and design quality.

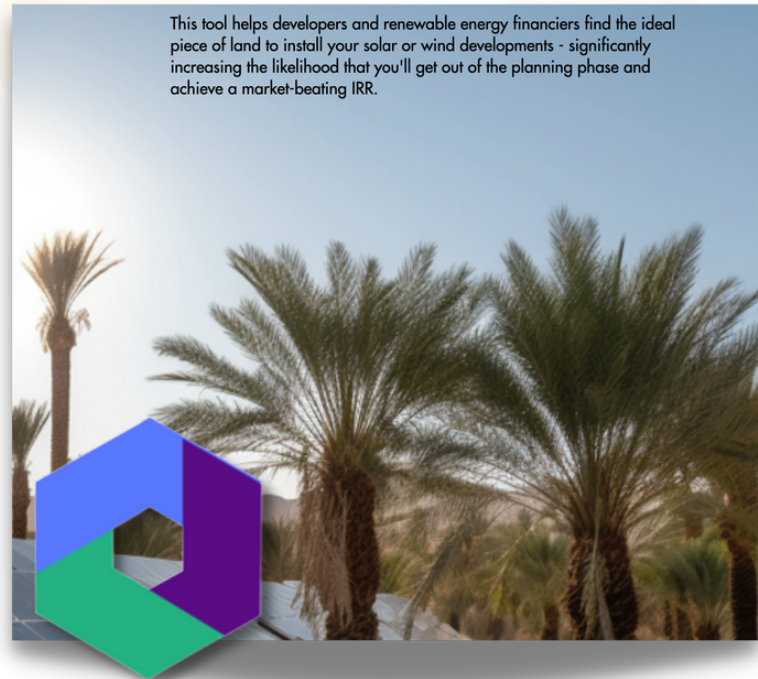
Go to Market

Civitem's target market is renewable energy project developers, with a total market size of approximately \$200 billion in 2022. We aim to either partner with mid-sized private equity developers or take strategic investments from them, enabling us to scale and expand.

Traction

Civitem has gained traction through conversations with some of the largest renewable energy developers globally, validating the effectiveness of their platform in the industry.

This tool helps developers and renewable energy financiers find the ideal piece of land to install your solar or wind developments - significantly increasing the likelihood that you'll get out of the planning phase and achieve a market-beating IRR.



CIVITEM

05 Everknock

www.everknock.com

Team

Daniaal Awais-Dean, Steve Talbot

Summary

EverKnock is a personal home-buying concierge that will hold your hand from start to finish, getting you the keys to your new home in as little time, and with as little stress, as possible.

Problem

Home buying is a stressful experience for first-time buyers, with poor communication and multiple service providers. Solicitors spend 60% of their time on customer service without meeting homebuyers' expectations.

Solution

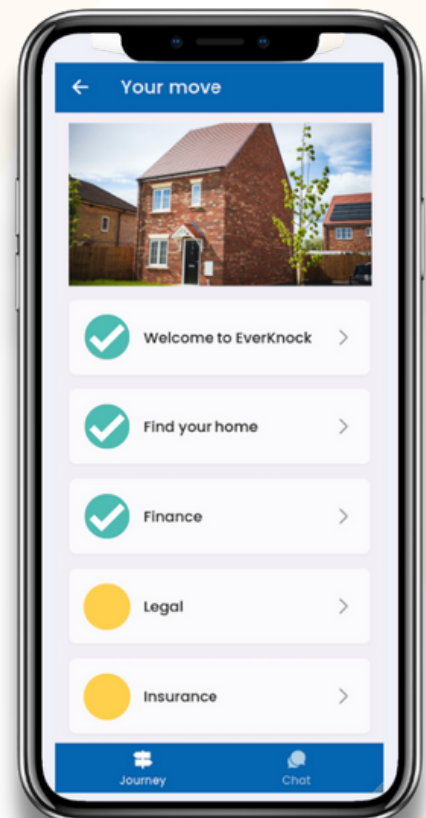
EverKnock streamlines communication between buyers, solicitors, mortgage brokers, and other home-moving service providers by integrating them into one seamless journey. Think of us like a wedding planner for your home-move, relieving the burden of time and stress on consumers and service providers alike.

Go to Market

First-time home-buyers, which make up a significant portion of the housing market, with around 370,000 first-time buyers purchasing a home in 2022.

Traction

Our concierge service has launched successfully with positive reviews, agreements in place with estate agency groups to acquire users, and agreements with home-moving service providers for generating revenue. Recently, we have been shortlisted for the Consumer Services Startup of the Year at the 2023 Startup Awards Wales.



EverKnock

06 Pantera

www.panteratechnology.com

Team

Caleb Dunn, Jack Hammond, Alex Wilson

Summary

Pantera modernises forecasting for commercial property investments. We use a combination of visual design and AI to transform how portfolio managers plan for the future.

Problem

Commercial property is valued at £26tn, but £250bn is forecasted unreliably due to outdated modelling methods. Investment firms and funds are at risk of overpaying or underselling assets, leading to key person liability with in-house Excel models being relied upon for forecasting.

Solution

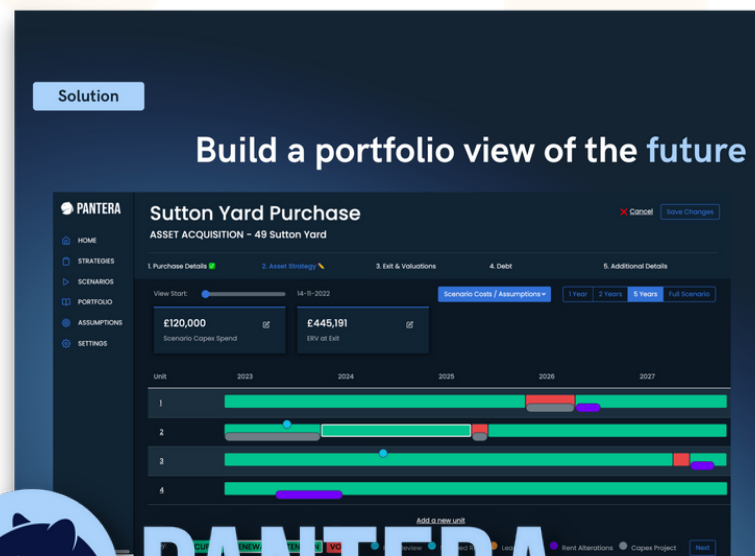
Pantera simplifies financial forecasting and asset strategies by providing a visual mechanism to create different scenarios. This eliminates the need for cumbersome data input and offers asset managers visibility without excessive technology costs.

Go to Market

Pantera serves two customer categories: commercial investment agents who use legacy software to model investments, and small to mid-sized property funds and family offices who want to future-proof their business with technology.

Traction

7 paying customers, £20k ARR and recently closed a £200k pre-seed funding round.



PANTERA

07 RouteZero

www.routezero.world

Team

Dan Brown, Albie Baker-Smith

Summary

RouteZero is a climate-tech company that focuses on reducing Europe's travel and transport emissions through digital tools that encourage low-carbon behaviour.

Problem

UK's travel and transport is the top contributor to climate-changing emissions. Large enterprises and public sectors aim to decarbonize in 5-10 years to meet regulations, customers' demand, and market competition. They seek data-driven interventions through digital tools to reduce emissions and measure the impact over time.

Solution

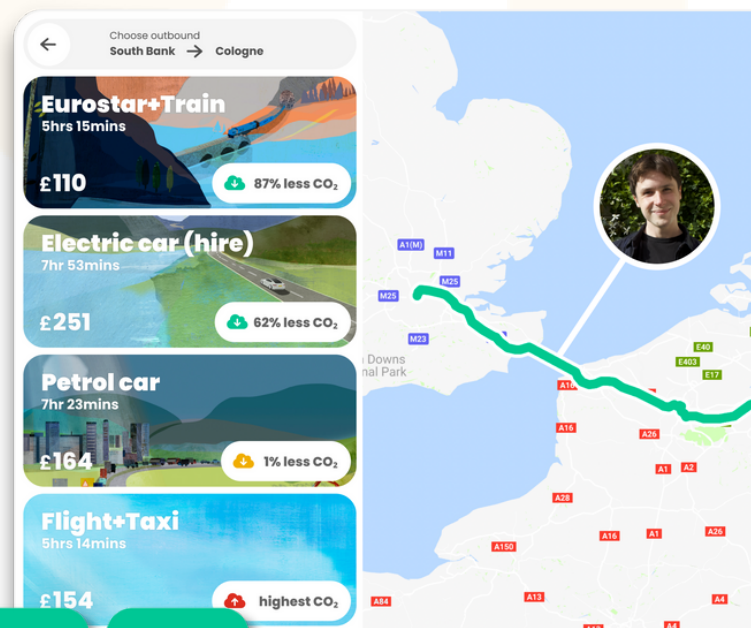
RouteZero offers a data-driven platform that uses behaviour-changing techniques to provide personalised recommendations for reducing travel emissions. It uses scenario modelling, machine learning, and carbon interventions to help organisations shift from high-emission trips to low-emission journeys or video calls.

Go to Market

The potential market is \$2B/year with a carbon avoidance potential of 60 million tonnes of CO₂e/year. The sustainability tools market is predicted to grow at a CAGR of 20.6% from 2022 to 2029.

Traction

Our software has been deployed to UK Government and large multinational companies, supporting a 55% decarbonisation rate. Partnerships have also been established with Trainline and Voi.



08 Wateraware Collective

www.waterawarecollective.earth

Team

Ryan McClure, Luisa Charles

Summary

Wateraware Collective aims to create a living map of water quality in the UK (and beyond) ensuring the protection of our planet's blue spaces and communities for the future.

Problem

English waterways have poor ecological status with only 14% meeting good standards, and 75% posing a risk to human health due to frequent sewage discharge. This has led to a recent increase in waterborne illnesses, putting people who use the waters for activities at higher risk of becoming ill.

Solution

Water quality sensors are too expensive for mass-scale use required by legislation. Our solution is a low-cost adaptable modular sensing unit that uses electrode sensors and machine learning algorithms for complex analysis, improving accuracy and coverage. It can be attached to water hobbyist gear for valuable data, improving safety and understanding the problem at scale.

Go to Market

Our beachhead market is the UK water companies, with plans to expand globally into markets needing data-driven decisions, for environmental stewardship, building bridges, and connecting industry, people, and planet.

Traction

We have hardware MVPs in Sri Lanka and Guyana, 300 potential users, and 5 pilot projects on 3 continents, after being built by its first customers through an R&D deal with Northumbrian Water.



09 About Us

Geovation's innovation solutions have been running since 2009 and include: **challenges, an accelerator programme and mini accelerator programmes, workshops, Ideathons and geo sprints**, which give the Geovation team an extensive track record in creating purposeful innovation to address globally significant issues using location data. We believe that **partnership** is one of the best ways to generate innovation. With this in mind, we partner with 6 other innovation hubs in the UK: **Bristol, Edinburgh, Manchester, Birmingham, Cardiff and Leeds**. Combined with our own hub in **London**, this network delivers an even wider reach and richer community of innovators.

Get in Touch

admin@geovation.uk
www.geovation.uk

Geovation

Sutton Yard 4th floor
 65 Goswell Road
 London EC1V 7EN

Geovation is an Ordnance Survey initiative in association with HM Land Registry

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