



**CONSTRUCTING
EXCELLENCE**
SECBE AWARDS 2021

The Winners

Recognising the best of the construction & built environment sector from across London & the South East!

Thank you to everyone who got involved this year! Our Awards celebrate the very best of the construction and built environment sector from across the London & South East region. We're all about driving change in our industry so we were excited to return for our 15th year to recognise the best & inspire the rest!

Every year the competition is extraordinary with lots of innovative, inspirational and collaborative finalists showcasing their best projects, people and initiatives.

We hope you find our Awards as inspiring as we do. This brochure features our Winners but you can learn more about our Finalists on our website where we have a library to explore.

Summit & Awards Ceremony – Thursday 1st July 2021

Our Awards once again looked a little different due to COVID-19 with a virtual Summit & Awards Ceremony replacing our Gala Dinner & Ceremony. However, over 500 people got involved during the day and we reached lots of new faces. Congratulations to our 14 Winners plus our People's Choice Award Winner (voted by the public, receiving over 800 of the 7,500 votes)!

About SECBE

SECBE (pronounced SEC.BE) is a 'not-for-profit' construction organisation, working across the UK built environment on sector-improving projects and initiatives.

In addition to these awards, it is also the home of CoTrain shared apprenticeship scheme, CLOCS (Construction Logistics and Community Safety) and IFLP (Innovative Future Leaders Programme).



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Blossom Court, St Ann's Hospital

Winner
Project of the Year over £10m

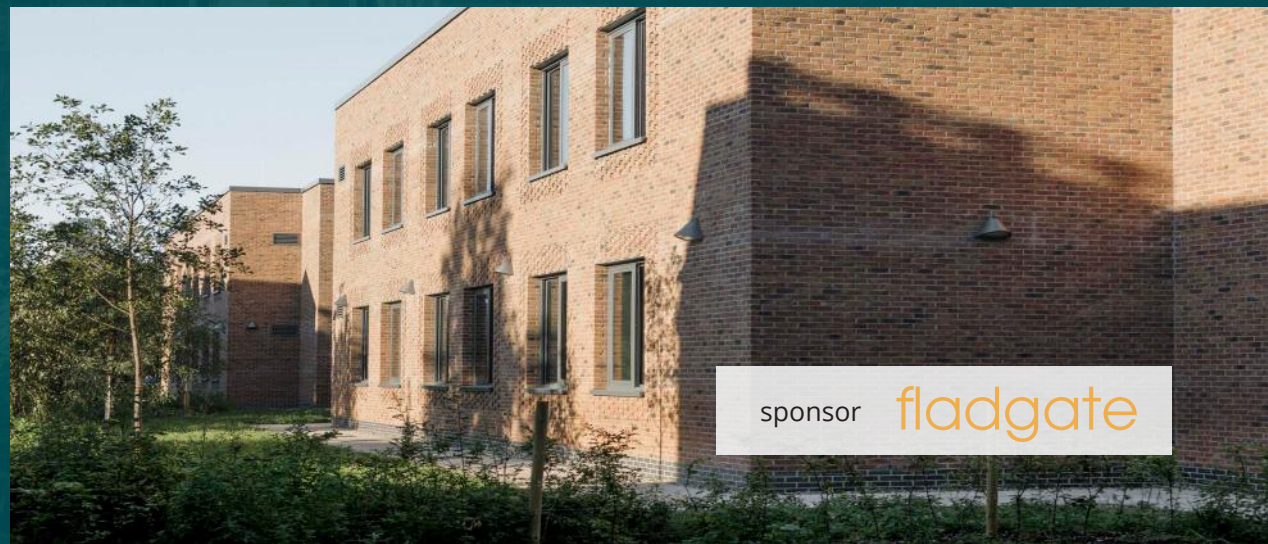
Location: Tottenham, London
Size: 4,300 sqm

Blossom Court is a new mental health inpatient building in a constrained urban site at St Ann's Hospital. The project was design led, and both the skill of the architect and the intelligence of their client led to an imaginative re-think of care – prioritising independent access to outdoor space to promote patient wellbeing and reduce pressure on NHS staff.

Consultation and collaboration with all stakeholders, including staff and patients, has transformed a failing healthcare institution into an open and inclusive environment where even security fencing has been designed out. This sets a new standard for mental health design and build, and has already reduced the need for physical restraint to allow staff and patients to focus on recovery.

To maximise longevity and sustainability, the building has been designed to be flexible and adaptable. Onsite renewable energy sources and measures to minimise energy consumption have contributed to achieving BREEAM Excellent. The end result showcases how we can create environments that have a positive impact on the lives of human beings through working together and thoughtful design.

submitted by **Medical Architecture** with client Barnet, Enfield and Haringey Mental Health NHS Trust and project partners Integrated Health Projects, Hulley and Kirkwood, Perega, PLACE Design + Planning and WT Partnership



sponsor **fladgate**

Headquarters for CABI

Winner Project of the Year under £10m

Location: Wallingford, Oxfordshire
Size: 2,500 sqm

CABI is a not-for-profit organisation that improves people's lives by addressing problems in agriculture and the environment around the world. Therefore, it was vital that passive design principles were fully integrated to ensure the project had minimal impact on the surrounding Area of Natural Beauty.

Through early engagement and collaboration between the client, professional team and the main contractor, objectives were clear from the outset, and conversations about design and risk allocation were open and honest. Consistent dialogue with all stakeholders – at all stages – ensured that the project was managed effectively and within a challenging budget.

The overall result – a great place to work. A sustainable building of exceptional quality, delivered on time, on budget and to the satisfaction of a delighted client.

"The CABI HQ project is an excellent example of great teamwork from the outset with multiple stakeholders contributing including local Council / planning committee / community / residents / developers / design team / contractors / entire supply chain."
Trevor Nicholls, CABI CEO



submitted by **Ridge and Partners LLP**
with client CABI and project partners Scott Brownrigg, Hoare Lea, Barnwood and Macfarlane and Associates



sponsor **fladgate**

University of Kent

Winner Client of the Year

Location: Canterbury, Kent

The University of Kent was nominated by Willmott Dixon for their outstanding leadership in the delivery of three new education facilities – their flagship £26m Sibson Building, the £13.5m Economics Building and the £9.9m Kent and Medway Medical School (KMMS) – all of which were built by Willmott Dixon.

Their vision was to create a hub of better connected, smarter and more sustainable education facilities that would reap rewards for the local area and supply chain too.

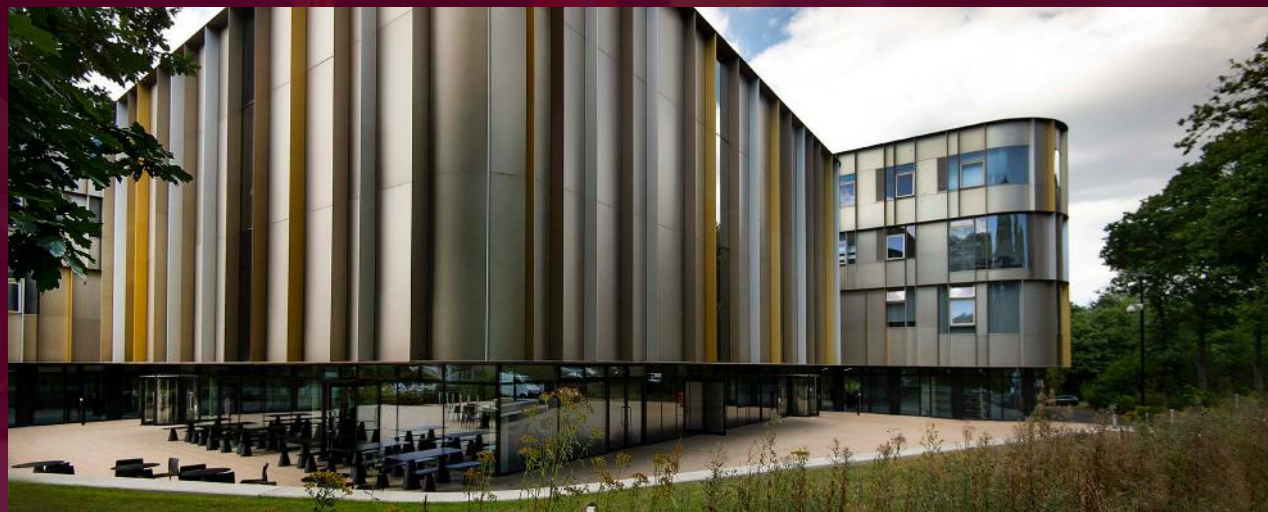
Understanding the importance of early engagement and supply chain integration, they joined design team meetings with specialist partners and got behind innovative software to bring teams together. Learnings from one project were taken to the next challenge and the University of Kent shook up its procurement to drive real value.

The University of Kent's leadership has generated business and employment for the local community. 74% of supply chain spend brought wealth to Kent businesses, and apprenticeships, and training programmes for prisoners delivered social value.

With an appetite to learn and improve, and a focus on long term partnerships, this outstanding client has created a culture of collaboration, openness, and trust.



submitted by **Willmott Dixon**



Bicester Heritage

Winner Conservation & Regeneration

Location: Bicester, Oxfordshire
Size: 7,154 sqm

The former RAF Bicester site was acquired by Bicester Motion in 2013 in a state of severe decay. A strategic regeneration and planning programme resulted in the protection and re-purposing of the national heritage asset as well as the creation of a business ecosystem.

Over forty specialist businesses now operate from the site with a collective annual turnover of over £40m making the Bicester Heritage business campus the focal point for the UK's £19bn historic motoring industry. It has also acted as a blockbuster film backdrop, including The Imitation Game and Darkest Hour.

The innovative use of a Heritage Partnership Agreement has seen the conservation of an "At Risk" WW2 RAF bomber station comprising numerous listed buildings and scheduled ancient monuments. However, it is the wider vision for regeneration of the site that sets this entry apart. The recent introduction to the site of complementary modern commercial premises and the creation of over 100 apprenticeships in this specialist field, has brought enduring long term economic and social regeneration opportunities and benefits to the area.

submitted by **Bicester Motion** with client Bicester Heritage and project partners Ridge & Partners LLP, IKS Consulting, Buckingham Group, Worlledge Associates, Edgars and ASA Landscape Architects



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33 Charterhouse Street, London

Winner Digital Construction

Location: Barbican, London
Size: 27,547 sqm

Led by a client and a contractor with high aspirations, 33 Charterhouse was destined to be the smartest commercial office building in London with a digital twin as a key deliverable.

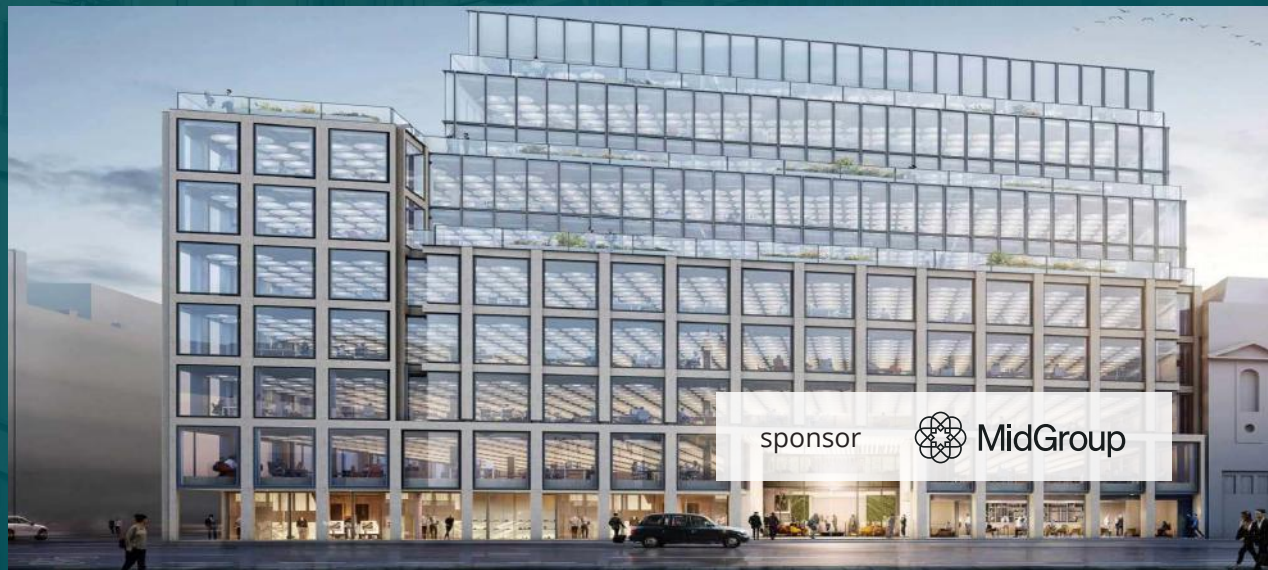
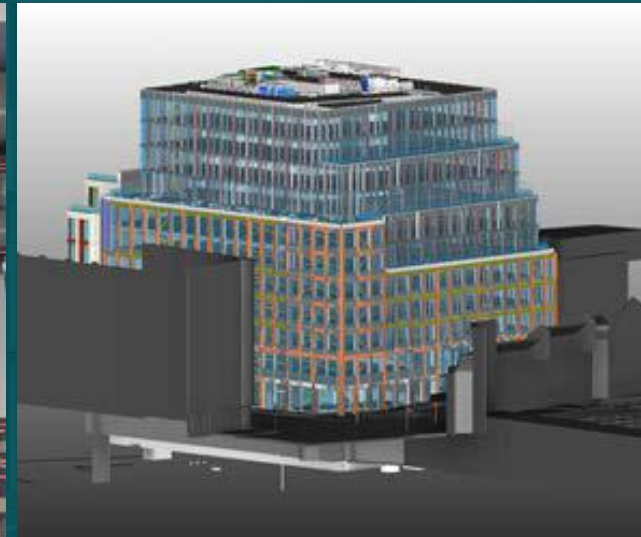
The building itself had to accommodate for commercial and retail tenants to fit out their own rented space. The EIR required that designs distinguished clearly between tenant and landlord services, and provided scope for any tenant future fit-out to be included in the twin.

This arrangement allows for the continuing development of the twin, as physical changes and building use and user behaviours change over time.

High levels of engagement and collaboration from all parties enabled the creation of a fully functioning digital twin that includes building geometry and systems. It records building consumption and waste, building usage and user wellbeing.

33 Charterhouse Street delivers to the client more than the sum of the component parts, something better, something different.

submitted by **WSP** with client Helical plc and project partners Mace and SmartSpaces



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Kathryn Gundry, West Waddy Archadia

Winner G4C Future Leader

Kathryn Gundry, a Project Architect at West Waddy Archadia, has a passion for inclusive and people-centric design.

She is already influencing the direction of both the organisation and the wider construction industry in these areas, gaining recognition at a national level.

Kathryn's drive for change and her inspiring career development is exemplary. Her enthusiasm shines through in her work ethic and extra-curricular activities that include – connecting with young people in schools, writing blogs, sharing her findings and educating the industry and inspiring the next generation.

Her role on the Women in Social Housing Board focusing on education should also be commended.

Kathryn is a thought leader, passionately and actively campaigning for legislative change within the inclusive and accessible housing sector, and as a leading peer in her business she motivates her students and colleagues with her passion for the built environment.

Sincere congratulations to Kathryn Gundry – our G4C Future Leader 2021.



Sussex Wellness Action Group

Winner Health, Safety & Wellbeing

Sussex Wellness Action Group (SWAG) CIC – a Charity in the Community to promote a consistent approach to the provision of mental health first aid throughout our local industry, to engender a sense of security for anyone in mental health crisis or simply needing to talk to reach out to a MHFA or feel it is ok to talk about their mental health and wellbeing.

“As judges, we were in total agreement – the SWAG initiative, to ‘pool’ a network of mental health first aiders across affiliated members, was highly innovative and easy to replicate in other localities.

Whilst there are a number of national bodies active within the area of mental health, SWAG has developed a means to provide local support to individuals and small businesses.

Initially a collective of local contractors, SWAG has grown to 45 affiliated members of legal organisations, professional consultants, clients and marketing businesses. The group was formed to offer a consistent approach to raising awareness of mental health and importantly to pool resources to engage with and provide support to those suffering mental health crises. In their own time, the founding partners have developed a charity in the community with an absolute resolve to collaborate and set aside any commercial business interests.” Judges, 2021



submitted by **Cheesmur Building Contractors** with project partners IDP Safety Services Ltd, Sunninghill Construction Company Ltd and Westridge Construction Ltd



SUSSEX
WELLNESS
ACTION GROUP

“Don't lose your swagger!”

Join our webinar:

Supporting mental health in the construction industry

17 November 2020
12.00 - 13.00



WHAT IS STRESS?

#ADDYOUR

 <p>Stress is the body's response when it senses danger. We all experience stress and need it to function.</p>	 <p>But when stress interferes with our lives, it becomes a problem. Too much stress, for too long, can make us ill.</p>	 <p>If unaddressed, stress can cause mental health issues like depression or anxiety and harm our physical health.</p>	 <p>1 in 6 workers experience depression or stress issues.</p>
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There are simple steps you can take to **#AddressYourStress**. Check out our resources at mhfaengland.org



sponsor  **VolkerWessels UK**

Polymer Rubber Emergency Areas

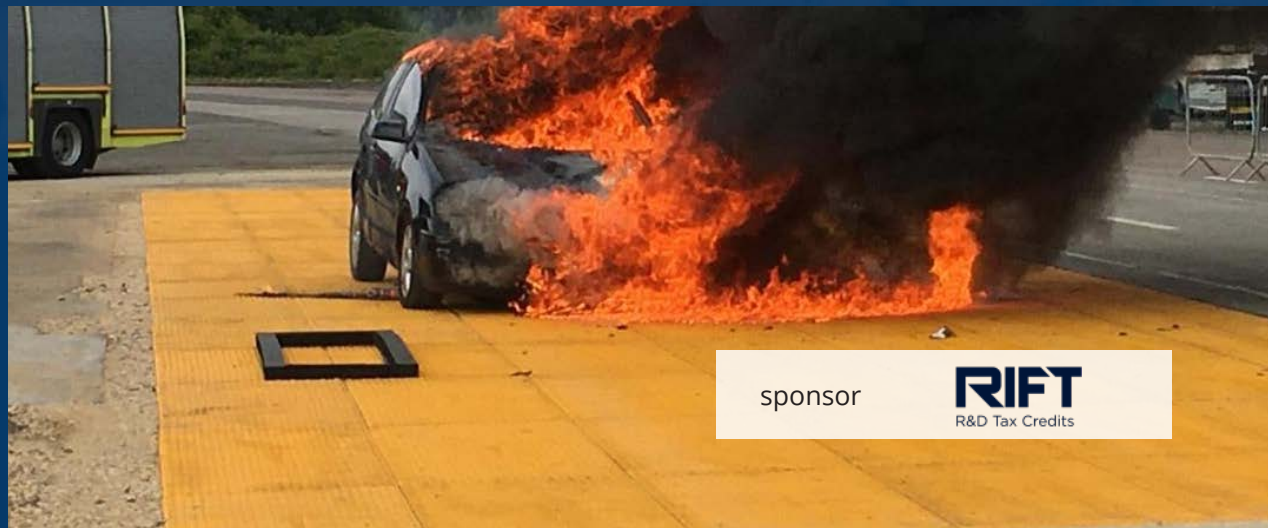
Winner Innovation

Location: M27 Junction 4 to 11 Smart
Motorway Scheme – Solent Region
Type: Integrated D&B scheme
Size: 450 sqm

Morgan Sindall Infrastructure, in partnership with Rosehill Polymers, developed an innovative product that can be deployed across Highways England's network of Emergency Areas. Modular polymer (rubber) units made from recycled tyres are manufactured off-site in factory conditions. Suitable for new build and retrofit programmes, installation can be completed in a day.

In comparison with traditional bituminous materials, this solution improves product quality and design standardisation, reduces waste and embeds sustainability into asset delivery. Rapid deployment across the Strategic Road Network will maximise operational efficiencies and workforce productivity, improve customer and worker safety, reduce maintenance and traffic management requirements and significantly improve whole life value.

This was a tough decision, but this entry ticked so many boxes – supporting low carbon ambitions and the drive for more productive approaches to the sector.



Jersey General Hospital Nightingale Wing

Winner Integration & Collaborative Working

Start & end date: 2/4/2020–4/5/2020

The project team transformed a field into a 180 bed fully functioning hospital in just 25 days, ensuring there were sufficient facilities on Jersey to deal with COVID-19 cases.

The project was led by J3 Ltd – Garenne Construction Group, Sir Robert McAlpine and FES. There was no time for a formal tender process – everyone working on site was chosen for their proven track record.

All contractors were paid at the same rate. Rival companies worked as a team – achieving exceptional results, for example 5 companies laid all the flooring in just 24 hours.

521 of the 541 people inducted onsite were local, and there was strong community support.

The Nightingale Wing was delivered at pace for Jersey people, by Jersey people – a fine example of how collaboration can achieve remarkable results.

Project Director, Marc Burton, was awarded an MBE in the 2021 New Year's Honours List for his leadership of the project.

submitted by **Garenne Construction Group**



with client Government of Jersey and project partner J3 Ltd – Garenne Construction Group, Sir Robert McAlpine and FES



Millbrook Playing Fields



Millbrook
Grassed open land
Level
6500m2 building superimposed
Accessed from Victoria Ave and St Aubin's Rd
Journey time to Hospital - 4minutes



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White Road Affordable Housing

Winner Offsite

Location: Chatham, Kent
Size: 1625 sqm

White Road provides an exemplar for the timely delivery of twenty aspirational high-specification – yet affordable – homes, on a tight in-fill site, for Medway Council.

Constructed by TopHat over three months during the pandemic, this terrace shows that high-precision modern methods of construction can provide unique combinations of:

- spacious homes, with a light and airy aesthetic – yet excellent thermal performance
- low day-to-day running costs for residents – but without complicated systems and that result in high maintenance demands for their landlord, and ...
- unashamedly modern but functional design that can be adapted to future local vernaculars.

Finally, for those clients that are prepared to commit early, TopHat's standardised and repeatable design and construction, provides a high degree of cost and time certainty to their projects.

submitted by **TopHat** with client Medway Council and project partners O'Keefe Construction, Cast Consulting and Nulok Roofing



Ropemakers' Academy, Hailsham

Winner Outstanding Customer Satisfaction

Location: Hailsham, East Sussex
Size: 2210 sqm (GIFA)

The project was a £12.5m, 80-place social, emotional and mental health facility for children. To overcome significant challenges – budget, time and land constraints – Willmott Dixon put customer engagement at the heart of their delivery to ensure success.

They implemented a clear, multi-pronged communication strategy, tying together face-to-face, written and visual comms to engage stakeholders. This included opening the site up to teachers and prospective students and their parents to glean their knowledge and experience and really bring them along on the journey.

Customer satisfaction was tracked at critical project points and followed up with actionable items, ensuring the team not only met client expectation but regularly went the extra mile.

The project was delivered on budget and handed over four weeks ahead of schedule, despite additional challenges posed by a UK Power Network delay and, of course, Covid-19.

It is because of Willmott Dixon's meticulous approach and customer dedication that Ropemakers is such a success for the client, contractor and end-user.



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submitted by **Willmott Dixon** with client East Sussex County Council and project partner Ropemakers' Academy

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Weybridge Group

Winner People Development

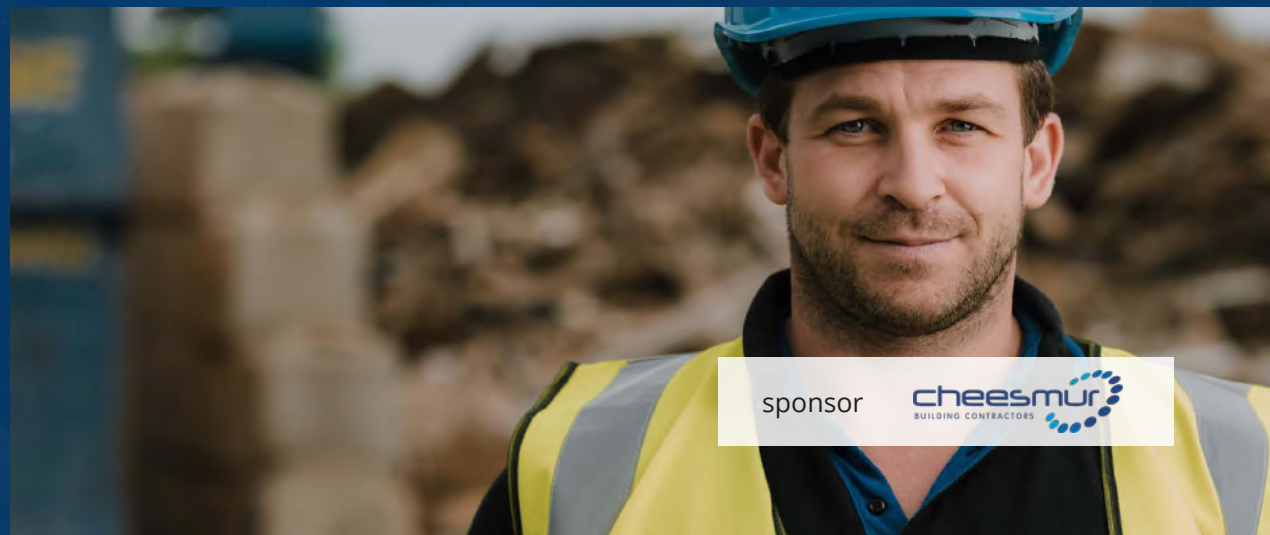
Weybridge Group is a small family SME employing 44 staff.

When Head of Transport and Operations Lee Adam joined the business in 2018, his 'Boots on Ground' approach, spending 3 weeks working and consulting with all staff across the business, quickly identified that staff were lacking motivation.

To turn the situation around, Weybridge invested time and money in its staff with truly inspiring results. With a board approved three-year plan, and using the virtual circle model, a comprehensive training programme has been developed.

The new Certified Waste Specialist/Manager programme supports all staff from new starter to MD. Modules cover culture, knowledge, leadership training and engagement activities. It provides the specialised knowledge that everyone needs to do their job competently, confidently and safely. A 'Passport' recording their progress and achievements motivates employees on their self-development journey.

This new approach has engaged its team, resulting in better service, loyal and new customers, increased profitability and investment in further training and support, whilst maintaining 100% staff retention and a significant increase in applications to join the company.



PiLON

Winner SME of the Year & People's Choice

Location: HQ, Bracknell, Berkshire
Company: Planned maintenance, compliance, and refurbishment of assets owned and managed by the social housing and education sector

PiLON ticked lots of the boxes including developing innovative technology and people development.

During a difficult year for everyone, PiLON gained new clients and grew their geographic area, resulting in nine new appointments. They also introduced award-winning wellbeing initiatives to help staff combat the pressures of COVID, and maintained customer satisfaction scores at 97.3%.

Their success emanates from the collaborative relationships they foster with their supply chain – through early engagement, notification of upcoming work – so peaks and troughs can be managed, and prompt payment. They have demonstrated innovation by developing an app to drive efficiencies, and becoming a CITB Training Centre to support their staff and stakeholders, contributing £81k in social value.

Congratulations on also winning the **People's Choice Award 2021** – open to all our finalists and chosen by the public! PiLON secured over 800 of the 7,500 total votes cast.



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HS2 Enabling Works Area South

Winner Sustainability

Location: 7 London boroughs, with sites in Euston, North Acton and Hillingdon across a 27km route.
Type of work: Demolition, Utilities diversion, Archaeological investigations and Vegetation clearance

This contract presents a unique set of circumstances, and a once in a generation programme of multi-disciplinary works. The sheer scale of HS2's environmental requirements, the number of stakeholders, volume of work, delivery timescales and size of supply chain makes this a challenging project. Exemplar environmental management has been integrated into 100 project/work packages with over 150 sub-contractor organisations delivering across 20+ sites.

The team has embraced a sustainability culture with environment at the heart of all decision-making. They have actively sought to decarbonise operational activities through collaboration across the value chain. They have embedded the circular economy principles with some innovative re-use of materials arising from demolition. Impressive results have been achieved across the board, supported by extensive data.

The training programme for staff and supply chain is commendable but even more impressive is the vast amount of learning shared with the industry. HS2 Enabling Works – Area South is a very complex project with an extensive volume of supply chain partners.



submitted by Costain-Skanska Joint Venture (CSJv) with client High Speed Two (HS2 Ltd)

sponsor



EXTRA BITS!

Thank you to everyone who voted in our People's Choice Award!
We wanted to share our Top 5 with you as it was such a close competition!

+ We didn't get to catch up with all our Finalists at the Summit so we welcomed our Digital Construction and G4C Future Leader Finalists to share some extra thoughts to inspire everyone before we go!

People's Choice Award Top 5 Finalists

Thank you to everyone who voted in our People's Choice Award 2021! With over 7,500 votes it was a tight race between eventual winner PiLON (SME of the Year Winner) and ZED PODS (SME of the Year Finalist).

Rounding out the top 5 were Long Curtain Moat in Southsea (Conservation & Regeneration Finalist), Headquarters for CABl in Wallingford (Building Project of the Year under £10 million Winner) and Base Quantum Ltd (People Development Finalist).



Long Curtain Moat, Southsea (middle right) – heritage and enabling work, undertaken from September 2019 in preparation for the start of the Southsea Coastal Scheme. “Significant improvement has been made to the appearance and condition of the nationally important heritage assets and it is a great sight to see”, Historic England.

London based **ZED PODS** (top right) is an environmentally led, SME modular housing developer with a passion for creating 100% affordable Net Zero housing solutions in difficult-to-develop constrained sites like infills, flood zones, garages and hardstandings.

ZED PODS has presented the UK's first ever MMC development of its kind, erected above car park space. A ground-breaking concept to help solve the nation's social housing crisis.



Base Quantum (bottom right) is a Chartered Quantity Surveying and Expert Witness Consultancy supported by a dynamic and accomplished team of professionals.

They are committed to diversity and inclusion – staff originate from 10 countries, 45% are women, 62% are Generation Z/Millennials and 20 languages are spoken across the business.



Digital Construction featured Finalists

How long do you think it will be before construction logistics are managed through the digital model? Thank you to Jamie and Chris for sharing their thoughts!

Jamie Hunt, WSP (33 Charterhouse Street, London)

Construction logistics have to seamlessly move between the transportation of standard and bespoke goods and services. Logistic processes for customer / retail goods are sophisticated enough to ensure customers are kept informed of delivery progress. In construction the procurement of goods are often bundled with services. BIM models contain quantities of materials and 5D software products do allow for some packages to be estimated that include plant and labour along with the materials. As yet the integration of 5G software and logistics software has not been observed. The bottleneck would appear to be the accuracy, trustworthiness and uptake of the 5D software.



Integration with supply chains through logistic planning software is not anticipated to be a technical mountain to climb. In our experience 5D is not widely used. Where it is, it is highly caveated and works alongside traditional methods. The adoption of 5D software is clearly lagging the use of authoring tools and 4D planning tools. As to when this confidence may arise, and how widespread it will be, could take a few more years as yet. We do however, see clients and main contractors utilising current methods to track work packages.

For example, on 33 Charterhouse Street, the facade panels modelled are tracked against the design programme and the manufacturing program. Colour coding allows the main contractor to view which panels have passed design stages and when they are being shipped from Italy to site. From here the client is kept abreast of each panel's status. Indeed, once Blockchain

technology is fully adopted by construction, such processes should become part of the accepted delivery mechanism for both design and construction.

Chris Kennedy, Balfour Beatty (A2 Bean and Ebbsfleet junction)

We believe that we're closer than we have ever been to being able to manage logistics through the digital model and to some extent we are already doing it. We do however believe that our next focus point regarding value creation is to focus on Method Led Design. Method Led design enables us to identify the methods and phasing of the construction phase before we start detailed design. We believe this method led focus will be the precursor for other initiatives using the digital approach effectively such as Logistics Management, Design for Manufacture and Assembly (DfMA) and reducing our on site activity by 25% by 2025.



G4C Future Leader featured Finalists

How do you get others to embrace your new ideas? Thank you to Hana, Kathryn, Mark and Nik for sharing their thoughts!



Hana Hassan (Willmott Dixon)

I think people believe in you and are more encouraged / inspired to follow your vision when they can see you have passion. You have to be unafraid to share your views, views that you know could be unpopular with some because sometimes change is uncomfortable. I think it's really important to have clarity in your vision and ideas so people around you can understand the 'why' as well as the 'how'. Above all, I believe it's important to understand other people's views and aspirations, drawing commonality and parallels with your own if possible. After all, we're all striving towards a common goal of being the best version of ourselves that we can be, and in turn creating the best industry that we can.

Nik Hoggarth (Stride Treglown)



New ideas rarely ever start with just one person. They are formed through collaboration and teamwork. Working together on a problem and challenging one another's solutions is what sparks real innovation. Being able to think freely without fear of getting something wrong is so important to that process. Often, it's the mistakes and problems that, when tackled collectively, lead to new and innovative solutions. I learn much more from failures than I do from successes, so long may my failures continue!



Mark Smith (Paul Basham Associates)

It is key to be clear and confident in the message you present, know the audience you are pitching it to and ultimately show the enthusiasm in your ideas that you hope to inspire in others.

Kathryn Gundry (West Waddy Archadia)

I find passion and enthusiasm are contagious! I think if you go into every situation with a can-do attitude and open mind that people will be encouraged to try new things. I try to always be approachable and open which means when I push a new idea people can discuss it with me without fear of reproach. I have learned that often it is about putting the correct business case together; doing that work up front makes it easier for people to understand. If we can improve a situation, why wouldn't we? New ideas are the future: we are changing and evolving, it's exciting to be a part of that! Change for the positive is definitely something for all to embrace.



Constructing Excellence SECBE Awards

Thank you to everyone who entered our awards and congratulations to our winners!

For more info about **sponsorship opportunities** and **entering the 2022 awards** (entries open Nov 2021):

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