



**CONSTRUCTING
EXCELLENCE**
North East Club



CIOB

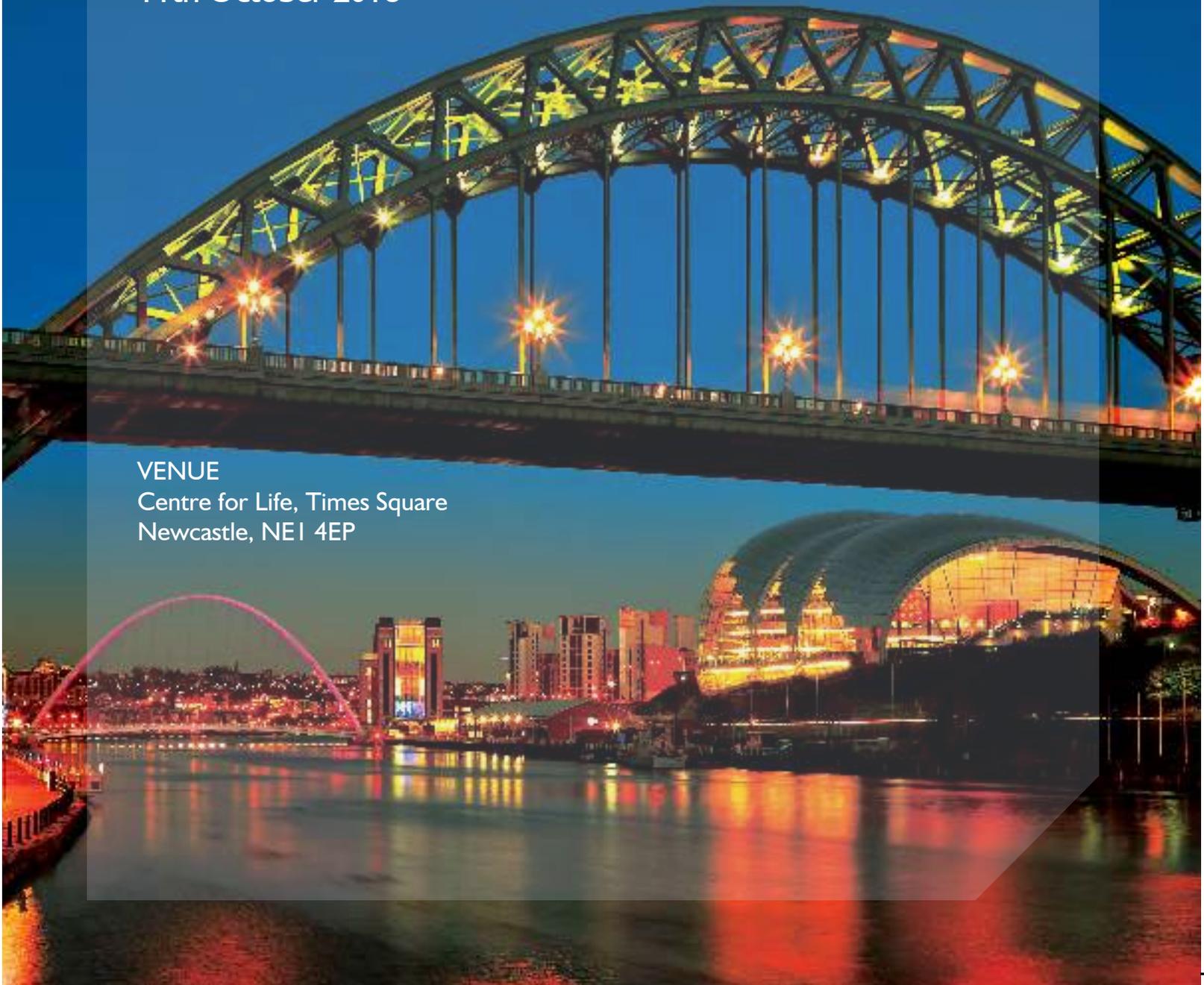
THE CHARTERED INSTITUTE OF BUILDING

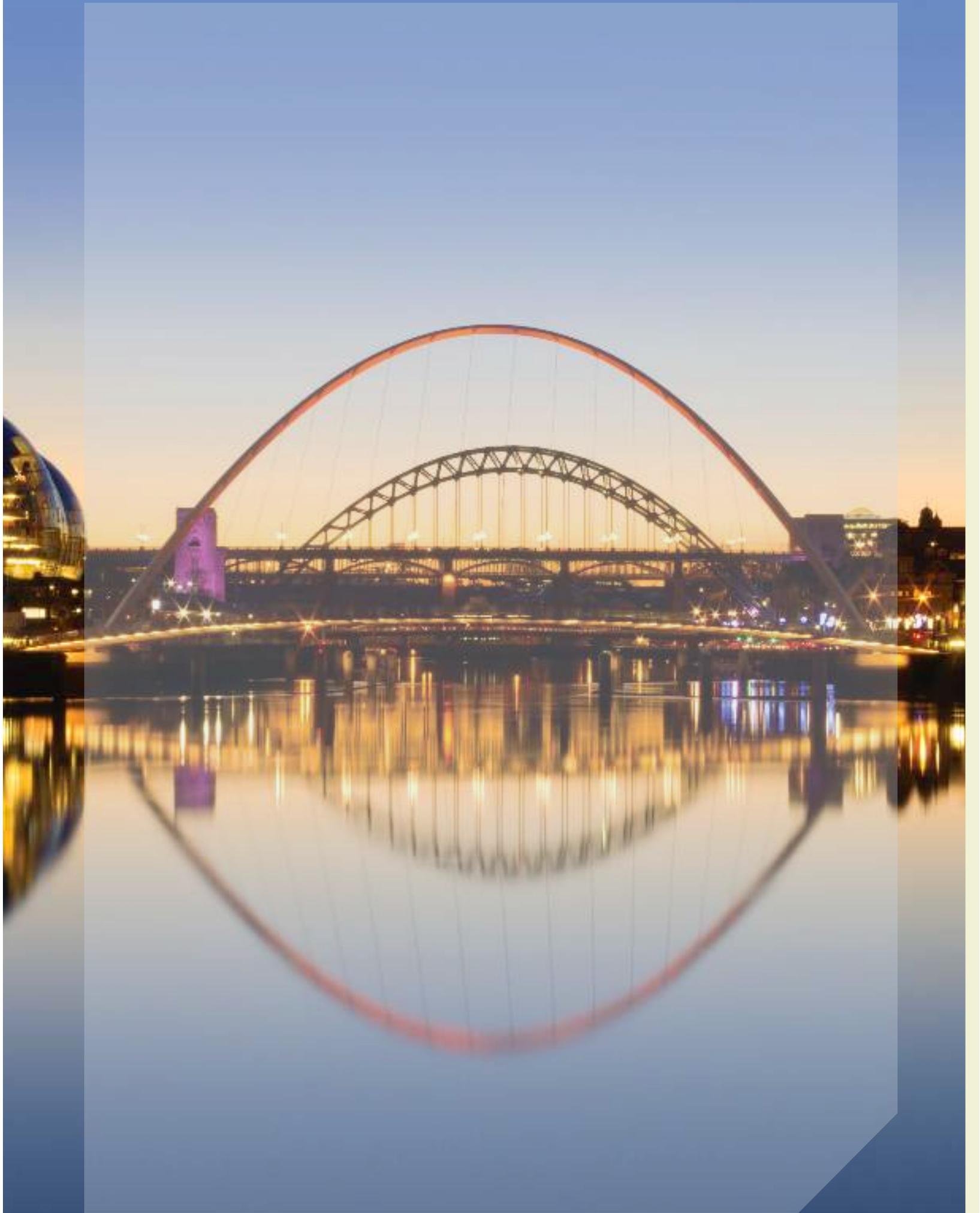
BIM: From Confused to Comfortable

11th October 2018

VENUE

Centre for Life, Times Square
Newcastle, NE1 4EP





Welcome from Paul Young FCIOB

As Chair of the Chartered Institute of Building (CIOB) Newcastle Hub, I would like to extend a warm welcome to you at the Centre for Life, Newcastle and to our one day “BIM: From Confused to Comfortable” event.



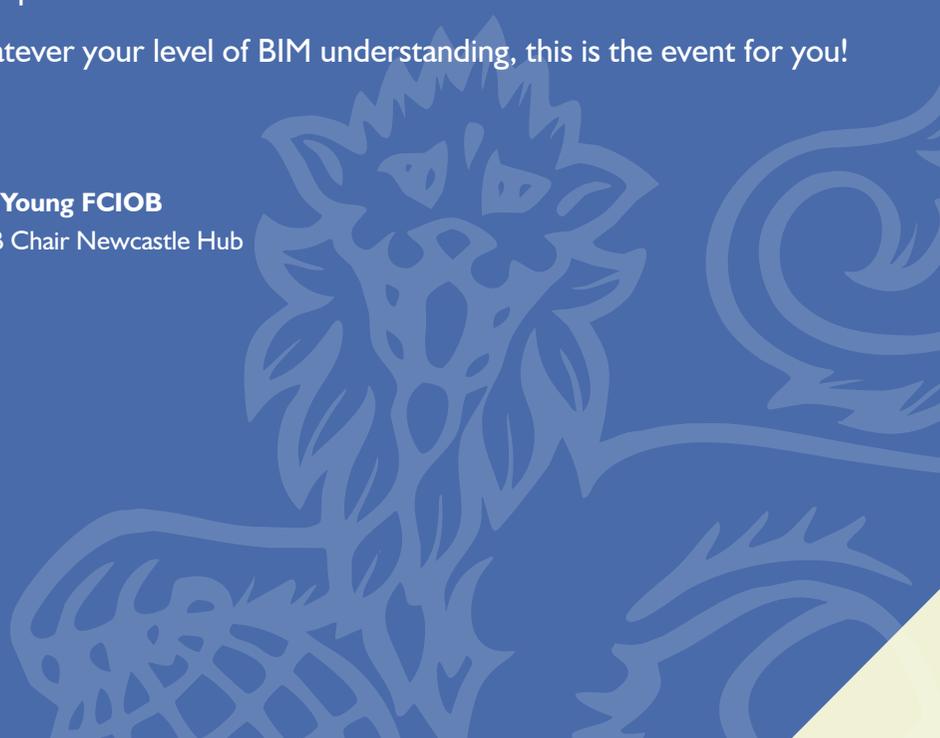
In partnership with **Constructing Excellence North East (CENE)** and **BIM Strategy**, our aim is to provide a relaxed and informative programme of speakers and do just what it says on the tin. Get delegates from a point of knowing BIM, but perhaps sometimes not as much as they would like, to the point of being comfortable of what BIM really is all about. BIM is key to our digital future in construction and we need to be able to ask questions.

My last point is important. For too long we think we know BIM, “It’s about clash detection right?” is an all too common response to “What is BIM?”... The fact is the North East is the “Digital Valley” of the UK and for all things BIM including BIM ‘Educators’ BIM Academy, BIM Strategy and leaders such as NBS, Viewpoint for Projects, Kykcloud and many other key drivers in the industry. So here is the best place to get answers to your questions!

John Adams from BIM Strategy together with CIOB and CENE have brought together a diverse and informative programme of speakers and Q&A sessions, all designed to help make you more comfortable with BIM and we promise will not confuse you with too much “Techy” BIM speak.

Whatever your level of BIM understanding, this is the event for you!

Paul Young FCIOB
CIOB Chair Newcastle Hub



Programme for the Day

08:00 - 08:45	REGISTRATION & COFFEE	
08:45 - 09:00	Chairs Address	Paul Young
09:00 - 09:35	BIM Level 2 fundamentals for the uninitiated	John Adams
09:35 - 10:00	LIVE PROJECT - PANEL DISCUSSION	PANEL HOST: John Adams Andrew Tiplady, Richard Wise, Thomas Lund, Liam Needham, Jack Hunter
10:00 - 10:30	BIM, A Legal Perspective	Simon Lewis
10:30 - 10:45	COFFEE BREAK	
10:45 - 11:05	UK BIM Alliance Learning Stream	Niraj Mistry
11:05 - 11:25	UK BIM Survey and the North East BIM region	Phil Simpson
11:25 - 11:45	What is a CDE and why does it matter?	Ben Wallbank
11:45 - 12:00	Q&A FOR QUICK FIRE SPEAKERS	Niraj Mistry, Ben Wallbank, Phil Simpson
12:00 - 12:30	KEYNOTE SPEAKER: Connected Construction - Creating Meaningful Value	Professor Steven Kyffin
12:30 - 13:15	LUNCH, NETWORKING AND EXHIBITION	
13:15 - 13:55	Integrating the client's aspirations through BIM	Anna Thompson
13:55 - 14:25	BIM for FM in Practice an introduction	Mark Crowe
14:25 - 15:00	Delivering Safer Buildings with BIM	Stefan Mordue
15:00 - 15:15	COFFEE BREAK	
15:15 - 15:45	Development of BIM using Technology	Martin Trentham
15:45 - 16:15	THE BIG Q&A	Anna Thompson, John Adams, Stefan Mordue, Thomas Lund
16:15 - 16:45	PANEL DISCUSSION The Business Benefits of BIM	Marie Grieve, Simon Crowe, Nooshin Akrami
16:45 - 17:00	Chair's closing thoughts	Paul Young
17:00 - 17:30	NETWORKING AND CLOSE	

Biographies



John Adams

Director BIM Strategy

John is an architect who describes himself as one of the 'all-round good guys in BIM'. He is passionate about sharing his unique blend of construction and technology sector experiences to deliver meaningful change through digital adoption. As director of BIM Strategy, the digital sister to Niven Architects, and founding member of the Tees Valley Digital Strategy Board and the Dynamo Build Group, John works with contractors, clients, manufacturers, and other designers to help drive BIM adoption in the North East and beyond.



Nooshin Akrami

Senior Lecturer University of Bolton

With over 10 years' experience and background in industry, Nooshin is a senior lecturer at the University of Bolton. Nooshin is a Chartered Architectural Technologists, a Fellow Member of Higher Education Academy, and a Practitioner Member of the Institute of Environmental Management and Assessment.

Nooshin is a regional member for CIAT North West committee, as the CPD officer and represents the committee at the regional CIC committee, where she holds the vice-chair role. Nooshin is an enthusiastic STEM and BIM ambassador and engages with a range of initiatives and groups to promote a career in AEC industries and digital practice.



Mark Crowe

Associate BIM Academy

Mark is responsible for technical delivery of projects across BIM Academy's global operations, as well as continuing to ensure the organisation is at the forefront of practical capability. He joined Ryder Architecture in 2013 and has worked on a wide range of projects including schools, hospitals and manufacturing facilities throughout the UK, Europe, China and Australia. Graduating from Northumbria University, Mark puts a significant emphasis on practical, socially sustainable design, as well as having a natural in-depth understanding of design technology and information systems.

As part of BIM Academy, Mark has supported a large range of estate owners in better managing their information systems and interfacing with design and construction processes. Mark had the honour to provide extensive and practical support to Sydney Opera House, working with the team to develop the processes they use to operate their digital estate and defining the requirements their supply chain must adhere to. The project has culminated in the delivery of a number of industry-leading technical solutions, including a BIM for Asset and Facilities Management platform, which integrates and delivers the Opera House's existing and new information to users, along with applications that support the easy management of core building data outside the need for proprietary tools.

Not only living and breathing BIM during the working day, but Mark also embraces the ideology at home for asset management and capital works (larger DIY projects) – along with developing software and electronic devices to deliver a practical smart home solution, supporting a more effective built asset and improved user satisfaction. The result is Mark has an in-depth working knowledge of BIM that delivers value no matter what position a client is at, whether just embarking the BIM journey or striving for the perfect solution.

Biographies



Simon Crowe

Architectural Director Niven & BIM Strategy

Simon Crowe is one of the North East's most prominent architects and owner of Niven and BIM Strategy. Spotting the value of BIM early, Niven embarked on a knowledge transfer partnership with Teesside University to accelerate BIM adoption within the studio. From this outstanding rated collaboration BIM Strategy was born and has grown into one of the regions' leading BIM consultancies.



Marie Grieve

Managing Director Costello Palmer Communications

Marie has 18 years' experience of working in marketing and business development and in 2015 Marie founded Costello Palmer Communications, a marketing and communications consultancy specialising in digital content and high-performance strategic delivery for a global client base and audience. In 2018 Costello Palmer established its Santa Monica office in the US, to add to its current UK offices in both London and Newcastle upon Tyne.

Having worked with both international public and UK private sector organisations, Marie is an expert marketing strategist, known for delivering compelling creativity, whether it be content, imagery or persuasion to directly impact onto her clients' bottom line.

Marie's approach is one of insight-led thinking and an understanding of how the digital agenda now drives brands and decision making. Marie's success comes from a genuine interest in her clients' business challenges and a belief that by simply putting the right marketing tools in place, can transform an organisation and help them win new business.

Marie has worked with a diverse range of leading businesses and brands spanning several sectors within the AEC industry including; architecture, manufacturing, engineering, digital construction and with UK and international membership bodies such as the Royal Institute of Architects (RIBA), Buildoffsite and buildingSMART.



Jack Hunter

Senior Project Manager Newcastle University Estate Support Service & BIM Champion

Jack is a Senior Project Manager for Newcastle University Estate Support Service and the office BIM Champion. Currently responsible for the new sports centre and academic building developments located on the former Richardson Road student accommodation site. Jack has been a Member of the CIOB since 2016. He advocates an innovative approach to construction which in his view aligns well with BIM. Jack is working with the NEUPC Contractor Framework BIM group to help develop a standardised suite of BIM documents for use by not only Newcastle, but also the other four North East Universities.

Biographies



Professor Steven Kyffin

Hon Dcl, MDesRCA, BA (Hons), FRCA

Professor Steven Kyffin was appointed Pro Vice-Chancellor (Business and Enterprise) in September 2016, having previously been Faculty Pro Vice-Chancellor for the Faculty of Arts, Design and Social Sciences since September 2012 and Dean of Northumbria School of Design since January 2010. He has a Master of Design, Industrial Design, Royal College of Art London and a Hon Doc of Civil Law from Northumbria University.

Of the past thirty years, Steven has spent ten in the London's Design consulting businesses; ten in academia, including Director of Industrial Design at the Royal College of Art and prior to joining Northumbria University, Steven spent ten years in Corporate Design leadership as Director of the Global Design Research group in Philips Electronics.

During the early part of his career he worked on a wide range of assignments for several London based design consultancies. In 1988 he started his own design company and in the early 1990s joined the part-time tutoring staff at the RCA.

Steven joined Royal Philips Electronics in the Netherlands in 1998 where, as Senior Director of Design Research and Innovation, he was responsible for Design Research world-wide. As a member of the Philips Design Global Management Team, Steven headed up Philips Design's European Commission Research activities and led Philips Design's University Relations Programme.

Steven acts as a European Commission research program reviewer and holds Adjunct Professorships in Hong Kong Polytechnic University and Monash University, Melbourne Australia. He was Chief Scientific Officer (Design Research) and core member of the 'driving team' in the founding of the recently formed Faculty of Industrial Design at the Technical University of Eindhoven, The Netherlands, where he now chairs their International Advisory board.



Simon Lewis

Partner Womble Bond Dickinson

Simon Lewis is a Partner in and head of the Construction and Engineering team at Womble Bond Dickinson (UK) LLP. He has been practicing in the area of construction law, primarily in dispute resolution, for 30 years. He has been interested in BIM and its development and application, as part of his ongoing interest in innovation and technology, since 2011 and has written and lectured extensively on this subject. He was a member of the working party overseeing the drafting of PAS 1192-5, concerned with the development of the security-minded approach to the UK digital estate. He has lectured on BIM at level 2, the legal aspects of BIM and BIM and FM and is currently monitoring the development of blockchain and smart contracts and their application to BIM.

He regularly advises clients in connection with the incorporation of amendments into standard form and bespoke contracts to deal with BIM at level 2 and is currently involved in developing standard BIM amendments for FM contracts and in projects concerning the development of BIM as part of the Digital Built Britain initiative.

Biographies



Thomas Lund

BIM Technologist BIM Academy

Thomas completed his architectural technology degree between Copenhagen and Northumbria University, inclusive of a placement year where he worked on a range of projects including a leisure development in Lyon, France. His interests lie in using BIM software to maximise efficiency and working collaboratively, he has a specialism in Revit and coordination tools such as Solibri and Navisworks.

Since graduating and joining BIM Academy and Ryder, he has been involved in a mixture of projects within the education and residential sectors. Outside of work, Thomas has a strong interest in Scandinavia, enjoys long distance running, and discovering new places to eat and drink.



Niraj Mistry

Head of BIM (Stroma Certification), Upskilling Stream Lead (UK BIM Alliance)

From a mechanical engineering and energy background, Niraj has over 10 years' experience of developing national occupational standards, specifications, standards, qualifications and certification schemes for personnel and organisations. Niraj has worked on many different Government led schemes and frameworks over the years to upskill people and organisations to different requirements.

Niraj is leading the UK BIM Alliance Upskilling Stream initiative which will provide the UK and Ireland with a much-needed standardised competency framework for personnel and businesses engaged in BIM. For people this will provide us with career paths in BIM. For Organisations it will help to provide a framework for competent delivery for client needs. The Upskilling Stream will draw in the knowledge from the other UK BIM Alliance workstreams and other industry wide workstreams.

Niraj also sits in the BIM and Procurement Groups of the Supply Chain Sustainability School, whereby he is working with Clients and Tier 1 Contractors to facilitate the supply chains digital maturity and the adoptions of better working practices with respect to 9001, 14001, 18001, and BIM.

Niraj is leading the UK BIM Alliance Upskilling Stream initiative which will provide the UK and Ireland with a much-needed standardised competency framework for personnel and businesses engaged in BIM.



Stefan Mordue

BA (Hons) DipArch IMaPS MAPM RIBA

Stefan is a chartered Architect, Construction Project Manager and award winning author. He works as part of AECOM's i3 Global Lifecycle data science consultancy team specializing in Information Management, BIM Delivery and Data Science, helping clients solve complex problems. Prior to joining AECOM, Stefan spent 6 years with the National Building Specification NBS as a technical author and latterly as a business solutions consultant helping organisation implement best practice BIM workflows. Stefan represents a number of industry and technical standard committees where he contributes to policies and procedures for the construction industry and all parties in a building project life cycle. He has acted as a BSI technical committee steering member for a number of BIM standards and represents a number of committees including the Architects Council of Europe BIM Working Group and CIOB Digital Technologies group.

He has been privileged to have won awards from the CIOB, Leeds Beckett University and Constructing Excellence for his contribution to the construction industry.

Biographies



Liam Needham

BIM Specialist BIM Strategy

Liam is a BIM specialist and is responsible for BIM implementation within BIM Strategy and sister business Niven Architects.

Liam has been involved in implementing BIM on a number of multi-million pound projects. His strong knowledge in PASI 192:2 & 3 offer a solid understanding of the information management needs of the project team and the employer. An expert level knowledge of the latest Autodesk BIM software suite provides Liam with a highly effective toolset for delivering Information Management and BIM co-ordination services. Liam has experience in the validation and verification of COBie data and the setup and management of CDE for BIM projects.



Phil Simpson

Technical Coordinator NBS

Phil is a Technical Author at the NBS responsible for authoring contents in our specification products such as NBS Building and Create. He is also part of the Uniclass 2015 team working alongside Asset managers and manufacturers who are integrating Uniclass 2015 into their everyday processes as well as Architects and other consultants who are using Uniclass 2015 alongside BIM.

He regularly attends the UK BIM Alliance, and is involved in BIM Regions North East as the co-chair who along with other like-minded BIM enthusiasts are trying to break down the barriers and the mystery surrounding BIM and Digitalisation of the construction industry by arranging talks and events sharing knowledge and experiences of BIM trying to integrate it into everything we do.



Anna Thompson

Director & Head of BIM Turner & Townsend

Anna is a Director and Head of BIM at Turner & Townsend. She is also a Chartered Quantity Surveyor and certified RICS BIM Manager with over 20 years construction industry in cost management, project management, BIM and training experience that has incorporated working for both a major international contractor and cost consultancy practice.

Anna provides BIM consultancy & designs, implements and controls Digital Transformation strategies for Clients and project teams within the UK and internationally including projects in the USA, South America, UAE, Europe and Singapore.

As a company recognised BIM Lead, Anna has demonstrated her ability to provide effective BIM consultancy and strategic BIM implementation process design to a variety of Clients from various sectors. She has also designed and delivered a variety of specialist BIM training for client organisations and for external bodies including the RICS and CIOB. She provides regular support to the RICS as a go-to trusted industry BIM expert.

Biographies



Andrew Tiplady

Framework Manager Clugston Construction Limited

After graduating in Civil and Structural Engineering from the University of Sheffield in 1990 he spent 14 years in construction site management. Around 2004 Andrew had the opportunity to manage design and build contracts for the regional contractor that he worked for, this was heavily focused on the technical / design management aspect. He joined Clugston Construction Limited in early 2011 as a Project Design Manager working on a wide variety of D and B projects in both pre-construction and delivery.

Andrew has spent the last 4 years working on framework schemes with both Sunderland and Newcastle Universities along with Bid Management on a number of tenders for regional offices in Scunthorpe, Leeds and the North East. He was appointed to the role of Framework Manager in late 2017.



Martin Trentham

Head of National Design Interserve

Interserve's 'Head of National Design' Martin Trentham has an established profile in championing new technologies that can be used in the MEP design process to improve deliverables, reduce abortive tasks and provide interfaces for onsite construction and associated aftercare activities, through the use of BIM. He is currently vice chair of WM Regional CIBSE committee and was a member of BSRIA's steering group for BG6/2018, as well as recently contributing to BESA's Technical Committee.



Benedict Newell Wallbank

BSc (Hons) Dip Arch (UCL) RIBA

With over 30 years' experience in the construction industry, Ben brings a wealth of knowledge to Viewpoint where he works as BIM Strategy Manager. Ben has advised contractors consultants and client bodies on management, organisation, workflow and business process associated with BIM deployment.

Prior to joining Viewpoint Ben headed up SmartBIM Solutions providing BIM consultancy for five years. He ran his own architectural practice for thirteen years and has been involved in implementing BIM processes and technologies since 1991. Ben was later a company Director at John Robertson Architects for six years. Here he led the transition of the practice to BIM and was personally responsible for projects with £187m contract value.

He is a much sought after lecturer and tutor of BIM in the UK, Europe, China and Brazil and has published papers through RIBA Journal, Architecture Ireland and Building Design. Currently he lectures to the Middlesex, Salford and Liverpool University BIM MSc courses.

Biographies



Richard Wise

Partner Ryder Architecture

Richard graduated from Sheffield University in 1991 and spent the following 12 years working for Newcastle City Council progressing to head of city design in 2000. Richard joined Ryder in 2004 and became a partner in 2007. His work portfolio has varied over this period with a focus on challenges and opportunities arising from large public sector construction programmes in all levels of education, research and blue light services as well as a burgeoning portfolio of office and industrial projects.

He is actively involved in the leadership of Ryder and enjoys the dynamic of working in a team environment. Richard has a keen interest in the visual arts, education, music, travel and literature complimented by an active family life. Richard is a trustee of Mortal Fools, a theatre, drama and creative learning company.



Paul Young FCIQB

Operations Manager Engie

Paul Young is CIOB Newcastle Hub Chair. He is a Fellow of the institute and serves members in the North East and nationally as Regional Hub representative. Paul has also served as CIOB Members Forum representative at international conferences in Qatar, Hong Kong and Toronto.

Starting his career as a Graduate Site Engineer with Balfour Beatty in the late 80's, Paul's career in construction has seen experience gained across a diverse range of projects, rising to his current position as Operations Manager at regeneration specialist Engie.

Some of the recognisable local projects that Paul has been responsible for include the contemporary Double Tree Hilton Hotel at Newcastle Airport and Refurbishment of Grade I listed Central Station. Whilst working for Birse as framework Manager, Paul helped develop the successful Rotherham Construction Partnership with Rotherham MBC, a forerunner to the present Yorbuild Framework. More recently Paul helped win work including Hitachi's state-of-the-art manufacturing facility in Newton Aycliffe.

"I love construction... I don't think there is any other career that you can use your skills in so many different ways. Today technology has never been more relevant and in construction we have finally entered a new exciting digital age!"

Sponsors



Opentree are solution providers who develop and deliver a world-class document management system, priding ourselves on unparalleled service and support.

Cabinet significantly reduces the cost of delivering a BIM project, by streamlining your production and delivery processes. Cabinet is a managed WIP environment that automates and intuitively drives BS 1192:2007 compliance. From automated file naming, through to the seamless upload into your client's CDE.

Cabinet delivers the smart solution to comply with BS 1192:2007 / PAS 1192-2



At NBS, we are committed to offering distinctive, innovative specification and information solutions to construction industry professionals and are proud to be leading the construction industry in its digital evolution.

Recently we have developed an integrated Building Information Modelling (BIM) platform to support global design and construction, consisting of four key components:

- NBS BIM Toolkit. BIM execution plan, roles and responsibilities.
- NBS Create. BIM specification and knowledge platform.
- NBS National BIM Library. BIM object library, generic and actual.
- Construction Information Service (CIS). Standards and regulations.

CIS is delivered via a joint venture with IHS Markit.

Our products are recognised as being individually effective in their own right, but via the linking of the data, classification and integration, the true power comes through these connections across the NBS BIM platform.

Combining world leading technology with expert knowledge, NBS is trusted to help construction industry professionals make the best project decisions.

Sponsors



Stroma was formed in 2002 and has become the market leader in building energy performance, sustainability and compliance.

The core of our business delivers services into the construction and energy industries with individual divisions spanning building control, building compliance and certification. In addition, our software division serves both the core Stroma market as well as pursuing business opportunities in newer industries. Construction is an ever-changing industry and Stroma possesses the service catalogue, expertise and commitment to innovation that means we can represent and work with the industry to meet these challenges.

Stroma Certification operate a business & personnel Building Information Modelling (BIM) Certification Scheme for all tiers, disciplines, services and products in the architecture engineering and construction (AEC) supply chain. Working with the UK BIM Alliance, Supply Chain Sustainability School, and other collaborative partners, we offer BIM assurance that fits industry requirements and your organisation.

We can also help organisations assess their business & project digital maturity with respect to BIM.



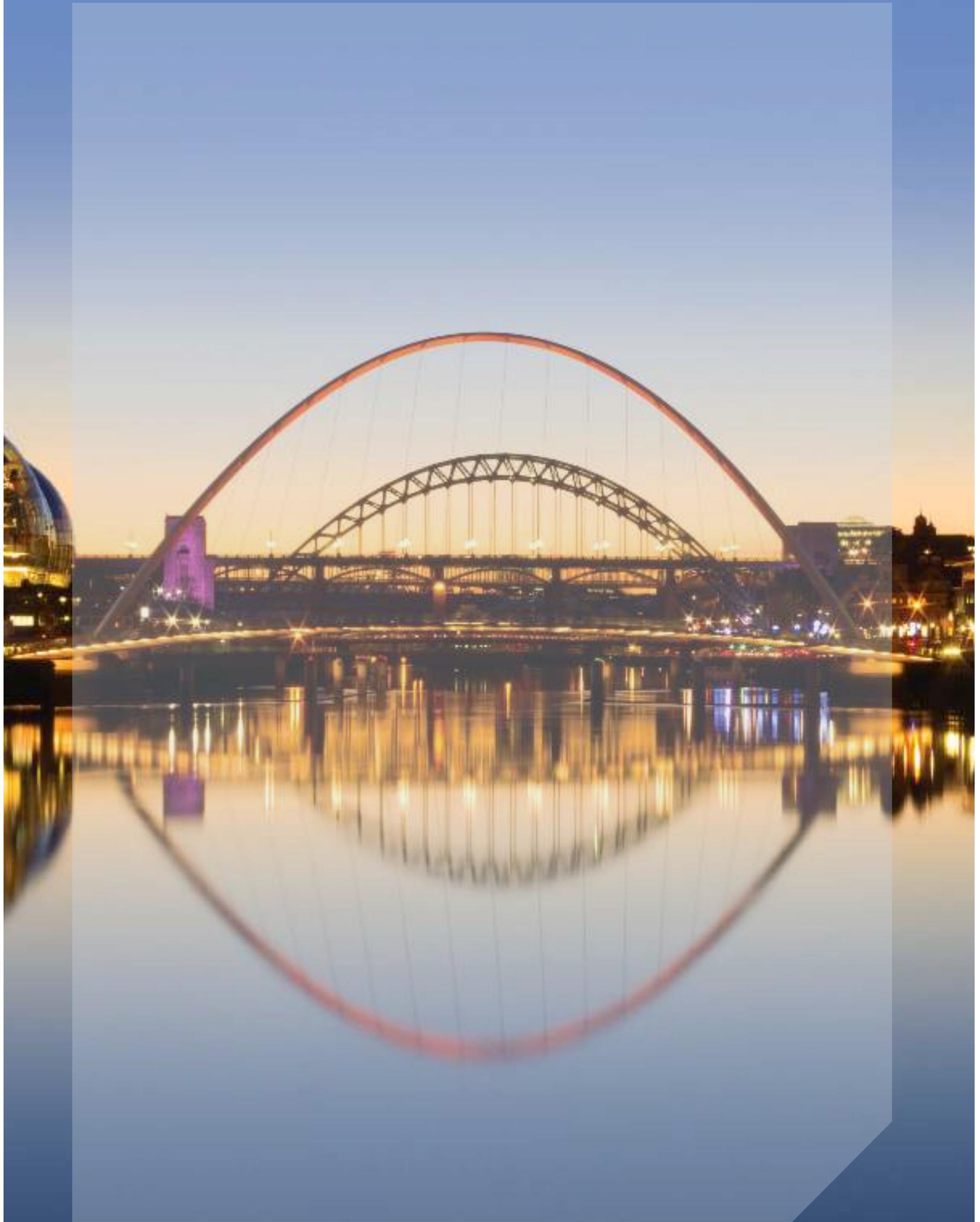
Viewpoint brings 40 years of innovative software solutions to the global construction and capital project industries.

Founded in 1976 in Portland, Oregon, Viewpoint's nearly 800 employees now serve over 7,000 customers in 28 countries in our offices worldwide.

Viewpoint's software and cloud-based technology products enable collaboration between project stakeholders—improving performance and delivering accurate, integrated data necessary to make informed decisions. Viewpoint gives your organisation the tools necessary to build a better building, and a better business, through a better building process.

Together, we can transform the global construction industry to one of increased collaboration, efficiency, and profitability.

Notes





The Chartered Institute of Building
1 Arlington Square, Downshire Way,
Bracknell, Berkshire, RG12 1WA
United Kingdom

t: +44 (0)1344 630700
e: reception@ciob.org.uk
w: www.ciob.org

Registered charity in England
and Wales - 280795, Scotland -
SC041725. VAT No. 492 0644 43

