British Construction Industry Awards 2018
Celebrating the very best in construction and engineering

The BCI Awards are the longest standing, most rigorously judged and highly prized in the United Kingdom construction sector

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New Civil Engineer
2018 Judges

Initiative category judges

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Fay Bull
Regional director – water, UK&I, Aecom
Volker Buscher
Director, global & UKMEA digital services leader, Arup
Tony Caccavone
Expansion airline strategy director, Heathrow Airport Ltd
Jonathan Chapman
Senior skills advisor, Environment Agency
Darren Colderwood
Development director, Heathrow Airport Ltd
Ray Cooke
Head of construction sector safety unit, Health & Safety Executive
Steve Crofts
Head of health, safety and wellbeing, Tideway
Chris Dulake
Major projects portfolio director, Mott MacDonald
Mark Enzer
Chief technical officer, Mott MacDonald and Project 13
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Former deputy director general, ICE
Steve Fink
Phase 1 health, safety & security director, HS2 Ltd
Bill Hewlett
Technical director, Costain Group
Katherine Ibbotson
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Andy Swift
Programme director, London Underground
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Head of technical innovation, Crossrail
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Principal, Twinn Sustainability Innovation
Keith Waller
Senior advisor, Infrastructure & Projects Authority
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Emily Ashwell
Associate Editor, New Civil Engineer (NCE)
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Managing director, JN Bentley
Harbinder Birdi
chartered architect and senior partner, Hawkins/Brown
Christian Bocci
partner, Weston Williamson & Partners
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Sadie Morgan
Director, dRMM Architects
Shaun Pidcock
Major projects director, Highways England
Mathew Riley
Managing director, Ramboll
John Turzynski
Director, Arup
Jane Wernick
Founder, Wernick Associates
Duncan Wilson
Chief executive, Historic England
Alexandra Wynne, deputy editor, NCE
Celebrating the very best in construction and engineering

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Brought to you by

New Civil Engineer
BCI Awards Introduction

This year is a special year for engineering. The ICE is celebrating its bicentenary with a year of activities aimed at engaging with society and spreading the word about the impact that our projects have. In parallel with this the government has decreed 2018 to be the Year of Engineering – a campaign that involves government joining forces with industry to give thousands of young people direct and inspiring experiences of engineering.

In recognition of this, this is also a special year for the British Construction Industry Awards. We have endeavoured to make these, most auspicious and coveted awards, ever more outcome-focused. Our categories recognising excellence in completed projects have been updated to reflect the key areas where we as an industry make the most impact on society, and our judging panel was instructed to focus intently on the impact made by each project.

Alongside these outcome-focused categories we have the now established best practice in project delivery categories, where the winners – and indeed the shortlist – offer lessons for us all as we strive to deliver more ever more efficiently but conscious of the broader stakeholders we impact through our work.

We have some exceptional winners and this year, again in recognition of this special year, our ultimate prize is the ICE 200 Award. This recognises the project or initiative that has transformed or benefited society while providing resilience for people, properties and businesses.

It was judged by Hugh...
Ferguson, founder of the British Construction Industry Awards, ICE vice president Rachel Skinner, and Stephen Metcalfe MP, the government’s envoy for the Year of Engineering.

They have picked the hugely complex London Bridge Station redevelopment as winner of this prestigious award. It met all of the criteria beautifully, combining the best of the old and new while cleverly reinventing our infrastructure heritage to create something that is fit for the future.

Fully demonstrating the creativity of the construction industry, the new station is now a highly visible, stunning transport hub, releasing potential and enabling growth in this emerging area of the city, truly benefiting the daily lives of passengers and business now and into the future.

The fully integrated delivery team demonstrated exceptional innovation and creativity and should be very proud of its achievement.

Mark Hansford, Editor
New Civil Engineer

Clockwise: Marlborough Primary School; Dubai Roads & Transport Authority Strategic BIM Consultancy; Westgate, Oxford; Connswater Community Greenway Phase 2; Chapel Street Bridge Upgrade, Salford; Rousillon Park, Chichester
Heath, Safety and Wellbeing Initiative of the Year

This category seeks to recognise project teams that understand the importance of creating a safe and healthy working environment that promotes the industry as one that is attractive and welcoming to all.

Tideway and training firm Active Training Team have developed Epic, an immersive, multi-media experience. Participants witness a simulated fatal incident on a construction site, see what leads up to it and its consequences. Actors play the parts of those involved and interact with participants sending a powerful safety message. Everyone who wants to work on the Tideway project must attend; from CEOs to front line workers, embedding the Tideway health, safety and wellbeing culture across the project from day one with the entire workforce. This absorbing experience leaves participants with a lasting understanding of their role.

Winner
Employer Project Induction Centre (Epic) for Thames Tideway – Tideway in partnership with Active Training Team

Highly Commended
Safe to the Finish Campaign applied on the M25 Junction 30/A13 Corridor Relieving Congestion Scheme – Balfour Beatty Skanska Joint Venture

Judges’ comment
“Use of multimedia gave a very powerful interactive and immersive experience”
Community Engagement Initiative of the Year

This category recognises an outstanding community engagement initiative, as applied on a specific project.

The £40M Conswater Community Greenway project in Belfast took on board residents’ input, adding urgently needed flood alleviation measures to plans for new green and public spaces while including 16km of traffic-free pedestrian and cycle routes. The result has brought previously segregated communities together. It includes 12 bridges which help reduce physical barriers. Community engagement took place throughout the project and involved 551 meetings. The project’s Facebook page attracted 5,142 followers and its Twitter feed has 3,689 followers.

Winner
Conswater
Community Greenway
Phase2 – Arup

Highly commended
– Continuous sponsorship and support of Sufra (local food bank) EO3 Canada Gardens – John Sisk & Son

Judges’ comment
“The success for the project and community has exceeded all expectations, and it demonstrates how civil engineering can change society.”
Smart infrastructure solutions, improving lives

www.costain.com
Digital Transformation Initiative of the Year

The winning project demonstrates how digital design, automation and interconnected services are being used and are changing the way assets are designed, built, operated and interacted with. Sponsored by Costain

Team2100’s Estuary Eye asset management database brings together data for over 4,000 flood defence assets along 350km of the Thames Estuary. It is helping to save over £100M through increased asset management efficiency. Estuary Eye asset condition data can be accessed in the office or remotely via iPad using an app which constantly updates. The app also has the capability to georeference data gathered by drones, some of which have been developed to be collision resistant for undertaking confined space inspections.

Smart infrastructure in the Thames Estuary is increasingly allowing Team2100 to monitor assets in real time, enabling changes in asset performance to be detected early.

Winners
Thames Estuary Asset Management 2100 (Team2100) – Jacobs

Judges’ comment
“Connected initiatives clearly driven from an integrated strategy. Clear whole life cycle approach to decision-making”
Partnership Initiative of the Year

Winner
Transforming the West Midlands by delivering light rail schemes through collaboration and alliancing – Midland Metro Alliance

Highly Commended
- A14 Integrated delivery team – Atkins CH2M, Costain, Skanska, Balfour Beatty and others

The Midlands Metro Alliance is a team of planning, design and construction specialists collaborating to build five new tram extensions over the coming decade on behalf of the West Midlands Combined Authority (WMCA). All members of the alliance are co-located and work through a pain/gain share mechanism. The alliance has become excellent in delivering funding and powers for extension projects. It is also adapting to the additional demands of the 2022 Commonwealth Games, in Birmingham. Internal collaboration is matched with collaboration with external stakeholders. Alliance members are the WMCA, Egis, Tony Gee, Pell Frischmann and Colas Rail.

Judges’ comment
“An excellent case study of partnering at all levels of the supply chain”
Temporary Works Initiative of the Year (Building)

Designers and contractors working on the demolition of the two exhibition centres at Earl’s Court in London had to work within constraints imposed by live London Underground and Network Rail track; the neighboring Empress State tower block; and local residents. A key bridge structure was cut and lifted out almost intact to reduce risks of debris falling on the railways. A strand jacking system using a tailor made support system was used to lower the roof of Earl’s Court 1 to the ground for disassembly. This eliminated the need for extensive temporary supports and reduced the risks of working at height. Deconstruction was also enclosed by the building, reducing noise and dust.

Winner
Demolition of Earl’s Court Exhibition Centres – Wentworth House Partnership

An award recognising that temporary works form a vital but often overlooked part of any building project. Sponsored by Groundforce Shorco.

Judges’ comment
“The diversity and complexity of the temporary works used for the project was impressive”
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Temporary Works Award
(Civil Engineering)

The Water Street Bridge project involved building the Water Street Causeway and both bridge abutments to enable the installation of a single leaf bascule bridge connecting Montgomery Street and Canary Wharf’s new Wood Wharf district. A key challenge was to engineer a bespoke temporary works scheme for the partially submerged east abutment, which contains the mechanical elements for the bridge.

The solution used already installed marine steel pile casings to support a temporary steel support grillage, on which the reinforced concrete base and walls of the abutment box would be cast. This was then lowered more than 4m below the water level using an array of remotely controlled strand jacks.

Winner
Water Street Bridge, Canary Wharf – Kilnbridge Construction Services

Judges’ comment
“A design which was better than the original concept”
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Carbon Reduction Initiative of the Year

Redevelopment of Hucknall Airfield as a housing and business area involved removing 11,000t of tar-bound planings from the old runway – more than anticipated in the original tender. Galliford Try came up with a way to recycle the planings and reuse them in the surfacing for the 2.4km of roads in the new development. Recycling the planings involved mixing them with cement and foamed bitumen on site for use in asphalt replacement layers. This enabled the contractor to avoid removing the material to landfill and saved on vehicle movements.

Winner
Tar Bound Material Recycling. Muse Phases 2 and 3 – Galliford Try

Judges’ comment
“An exemplary application of an innovative approach to reuse an otherwise hazardous waste material”
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Productivity in Construction Initiative of the Year

This category rewards initiatives that are boosting productivity in the construction process through new products, or new design or technology applications.

Winner
East Village
Rising Factory – Mace

Mace’s Rising Factory is housed in a 630t steel framed structure wrapped around the footprint of a tower block construction site. The four storey structure rests on 300t capacity jacks resting on four steel columns at each corner. The factory provides an enclosed, watertight working environment, sheltering the site from the weather and providing safe working conditions for workers. When one storey is complete, the factory is jacked up and assembly starts again. The factory is also equipped with remote controlled gantry cranes which raise and position preassembled components, greatly reducing safety risks.

Judges’ comment
“A landmark innovation that delivers measurable productivity gains”
Skills Impact Initiative of the Year

The Academy9 team is formed of staff from Transport Scotland, Knowledge Exchange Partnership, and the three main consultants and joint ventures currently working on the A9 Dualling Programme. They have established Academy9 as a way to leave a legacy of skills development along the A9 corridor. The team has dedicated education liaison officers, intended to provide continuity and help build close relationships with the schools. With teachers, the Academy9 team is able to support and develop their knowledge of teaching science, technology engineering and maths (STEM) subjects and offer careers advice to local pupils.

Winner

Highly Commended
– Industrial Cadets, A45/A46 Tollbar End Improvement – Galliford Try

This category rewards initiatives aimed at increasing skills, education and opportunity in local communities and supply chains.

Judges’ comment
“A very strong submission which has already had an impact with pupils, teachers and carers”
Exporting Expertise Initiative of the Year

Winner
Dubai Roads & Transport Authority
Strategic BIM Consultancy – Mott MacDonald

Highly Commended
– King Abdullah Financial District Metro Hub – Newtecnic

Mott MacDonald has helped Dubai’s Roads & Transport Authority become one of the world’s leading government agencies in BIM implementation and the first to secure the BSI BIM Kitemark certification. The consultant has developed a repeatable, scalable approach, based around the UK’s BS1192 suite of standards. To demonstrate the value of the BIM concept to the Authority, the consultant reverse engineered existing 2D asset data into fully developed asset information models, giving the client first hand experience of the latest BIM tools, the principles of a common data environment and new roles and responsibilities.

Judges’ comment
“An excellent example of exporting UK infrastructure industry expertise”
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Utility Project of the Year

The £325M London Power Tunnels project created a 32km underground route for 10 new 400kV transmission circuits between Hackney in east London and Wimbledon in south west London. Housing cables in tunnels removes the need to dig up roads when maintenance or replacement work is required. Instead, cables can be reached via 14 access shafts along the route. The estimated 400,000m³ of excavated material from the bored tunnels was recycled as fill at the client’s gasholder remediation sites, reducing vehicle movements and emissions. The project team also engaged in a series of local community and education initiatives.

Winner
London Power Tunnels Project

Commissioning authority | Omnia Projects
Principal designer | Halcrow Group
Engineer | Mott MacDonald
Main contractor | Costain

This category recognises projects providing excellence in the management and delivery of utilities. Sponsored by Mabey.

Judges’ comment
“Truly collaborative team delivering an unseen project exceptionally well”
Commercial Property Project of the Year Award

This category recognises outstanding commercial and mixed use buildings where the primary function/focus is on providing commercial space.

Winner
Westgate, Oxford

Commissioning authority | Westgate Oxford Alliance (Landsec and Crown Estate)
Principal designer | BDP
Main contractor | Laing O’Rourke

Highly Commended
- White Collar Factory, London
- Bloomberg, London

Oxford’s Westgate shopping centre comprises four retail blocks designed by different architects and procured by BDP under separate design competitions. Regular design charrettes were held with the architects to ensure designs were co-ordinated through a collective design ethos. The development is one of the most sustainable in the country with a pioneering approach to whole life carbon and an innovative energy loop which uses air source heat pumps to transfer heat and cold around the development. Offsite manufacture was a key factor during construction. The project has created £738M of economic value and created 3,500 retail jobs.

Judges’ comment
“Shows off the best of great placemaking design”
Housing Project of the Year

Easily accessible green space and a strong architectural aesthetic have contributed to the success of the £41M Rousillon Park housing development at the site of a former military barracks. Red brick townhouses reflect the typical Chichester aesthetic, while local grey sandstone has been used to reference to the town’s famous cathedral. The use of local Sussex flint in selected building façades further ties the development to its wider context. A flint boundary wall from the original Rousillon Barracks has also been faithfully restored as part of the project and punctuated to create new thoroughfares.

Winner
Rousillon Park, Chichester

Commissioning authority | Homes England
Principal designer | Acheson Construction
Architect | Ben Pentreath Ltd
Main contractor | Acheson Construction
Other project contributors | W Stirland, Such Sallinger Peters, Gosell Arnold Partnership, Fabrik, Bradford Building Supplies

Highly Commended
– The Chocolate Works Phase 1, York

This category addresses the chronic need for desirable, sustainable housing and is open to all projects where housing/accommodation provision is the primary purpose.

Judges’ comment
“Some really great decisions around communal space and a flair for intricate design”
The Marlborough Primary School redevelopment creates an inspiring 21st century learning environment with a separate commercial building and a pedestrian link. The scheme replaces an outmoded and overcapacity Victorian school and features a series of cascading rooftop playgrounds arranged across the constrained urban site. Larger communal spaces are created below with the main hall and multi-use space forming the social heart of the school. This early concept design was developed through ongoing dialogue with Kensington & Chelsea education officers, school staff and governors to ensure the plans addressed end user requirements.

Judges’ comment
“A magnificent success, using creative thinking”
Cultural and Leisure Project of the Year

The Royal Academy of Music’s theatre and new recital hall project has created two distinct performance spaces for Britain’s oldest conservatoire. New circulation improves connectivity within the Academy. The overall concept seamlessly integrates these two high quality performance spaces within the historic context of the Academy site. The theatre, designed for opera and musical theatre, now forms the heart of the Academy, and was realised within the gutted shell of a 1970s fan-shaped auditorium and stage. Above the theatre, the 100-seat recital hall skilfully exploits the last major area into which the Academy could expand.

Winner
Royal Academy of Music

Commissioning authority | Royal Academy of Music
Principal designer | Ian Ritchie Architects
Design engineer | WSP
Main contractor | Geoffrey Osborne
Other project contributors | Atelier Ten, Arup Acoustics, Fisher Dachs Associates, Ulrike Brandi Licht, WSP Fire, AIS, Geoffrey Osborne, James Johnson & Co, Push The Button, Glantre

This category recognises the value of exceptional buildings and public spaces in delivering social and economic benefit.

Judges’ comment
“A wonderful blend of architecture, engineering and construction”
“IT’S THE VOICE OF THE CIVIL ENGINEERING INDUSTRY”

MARK GRIFFITHS, GENERAL MANAGER
SELLAFIELD SITES LTD
Infrastructure Maintenance Project of the Year

Winner

Chapel Street Bridge Upgrade, Salford

Commissioning Authority | Network Rail
Principal Designer | Ramboll
Contractor | SkanskaBam JV

Highly Commended

– Werrington Brook Improvement Scheme

The 19th century Chapel Street Bridge is a small but vital component of Network Rail’s Northern Hub upgrade in Manchester. Network Rail had originally planned to modify the bridge, but detailed analysis showed that critical elements had a high risk of fatigue failure and the structure had to be reconstructed over five days during a track possession in 2017. Work on the tightly constrained site was sandwiched between two adjoining bridges and required extensive planning and preparation. The project team had only eight months to identify a new structural form, develop a modular construction method and plan to demolish and rebuild the bridge.

Judges’ comment

“The designers’ passion for heritage, material and aesthetics made this a stand out project”
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Climate Resilience Project of the Year

This category recognises projects that provide resilience for the impact of extreme weather and climate change on people, properties and business. 
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Winner
Milford on Sea Beach Hut Replacement Scheme

Commissioning authority | New Forest District Council
Principal Designer | Snugg Architects
Engineer | Ramboll
Contractor | Knights Brown
Other project contributors | Moores Concrete, Graphic Concrete

After a storm in 2014 irreparably damaged 119 beach huts on Milford on Sea promenade, it was decided to replace them with stronger structures capable of withstanding a 1 in 200 year storm event. The idea was to house the huts within precast concrete C-sections laid on their sides and built into the promenade. Party walls were created using glass reinforced plastic. The C-sections also formed the base for a new promenade running over the tops of the huts. This includes a wraparound footbridge to give all-ability access to the lower promenade. The structure can also act as a sea defence.

Judges’ comment
“A lovely small project delivering multiple benefits through the client’s desire to seize opportunity from necessity”
Transport Project of the Year

This project has transformed and increased the capacity of one of London’s busiest transport interchanges. Work involved rebuilding Victorian infrastructure while minimising passenger disruption. The project was phased to ensure that some platforms were always in operation. Extensive track remodelling and resignalling, included 35 bridge strengthening operations, and the installation of 147 switches and crossings.

The architecture incorporates rippling canopy ribbons as a bold response to the neighbouring Shard.

**Winner**
London Bridge Station Redevelopment

Commissioning Authority | Network Rail
Principal Designer | Hyder/WSP Joint Venture
Architect | Grimshaw
Contractor | Costain
Other project contributors | B&K Structures

This category recognises transport projects that enhance capacity, boost safety and so drive economic growth and improve connectivity.

Judges’ comment
“A hugely complicated, transformational project providing much needed additional capacity”
Small Project of the Year

The Kingsmoor scheme protects up to 43 residential properties from flooding in a 1 in 20 year flood event. The project team adopted an innovative dual phased design to help slow, capture and store flows from multiple directions before they reach the urban area. A landscaped earth bund and storage area was created within public open space in combination with the de-silting of two ponds upstream and the creation of eight leaky dams which slow high water flows. The scheme has also breathed new life into a neglected area which had been subject to anti-social behaviour, and forms a revitalised local amenity.

Winner
HAR2 Kingsmoor Flood Alleviation Scheme

Commissioning authority | Essex County Council
Principal Designer | Ringway Jacobs
Contractor | Ringway Jacobs
Other project contributors | Hawthorn Heavy Horses, Topbond Group, Harlow District Council, Environment Agency, Thames Water, Natural England

Highly Commended
- Much Wenlock Flood Alleviation Scheme
- Somers Town Bridge

This award recognises a small project under the value of £10M that has had a big impact on a local community.

Judges’ comment
“A really great use of local landscape, volunteer and sustainable labour and thinking differently”
Cool school students

Dulwich College wanted to house its new science facilities in a sustainable building. Our solution involved using water from an aquifer deep underneath the school to regulate internal temperatures. 50 roof-mounted photovoltaic panels and automated lighting keep energy demand low. The result? The labs are four times more energy efficient than conventional alternatives. Pretty cool!

Opening opportunities with connected thinking.

mottmac.com
The expansion of the Seasons Children’s Homes for the severely autistic involved a huge effort to address challenges presented by its residents. Decor follows a carefully themed colour plan with easily controllable lighting, to provide a calm environment for residents who can easily become anxious and stressed by unexpected change and who can lash out if their surroundings become too challenging. Anxiety levels among the children dropped by 28%, based on recorded behavioural incidents before and after they moved in. Regulator Ofsted described the project as an “excellent development”.

Winner
Prior’s Court – The Seasons Children’s Homes

Commissioning authority | Prior’s Court
Architect | Tuttle Architectural Service
Engineer | Archibald Shaw
Main contractor | MCS
Other project contributors | Hurley, Plamer Flatt, Ridge & Partners, DLA, MCS, Star Services

Judges’ comment
“Astonishing to see the impact that design and the environment can have on challenging behaviour”
The ICE 200 Award

Reconfiguring London Bridge Station while keeping train services running was a major challenge. The project eases congestion at a major rail pinch point, while creating space for new Thameslink commuter services across London. It also improves passenger interchange between trains and other modes of transport.

Work involved extensive track remodelling and resignalling. The 15 new platform structures were created from modular designs. The new station also includes 7,500m² of retail space. All of this was delivered within a tight site footprint in central London.

Winner
London Bridge Station Redevelopment

Commissioning authority | Network Rail
Architect | Grimshaw
Engineer | Hyder/WSP Joint Venture
Main contractor | Costain
Other project contributors | B&K Structures

Judges’ comment
“A hugely complex project, it combined the best of the old and new, cleverly reinventing our infrastructure heritage”
The BCI Awards Shortlist

Carbon Reduction Initiative of the Year
- Solatainer: Solar Powered Hybrid Electricity Generator, Cholsey STW – Costain
- Tall timber, low carbon development at Dalston Works – Ramboll UK
- Tar-Bound Material Recycling: Muse Phases 2 & 3 – Galliford Try
- Verde SW1 – Multiplex Construction Europe
- Walthamstow Wetlands: Reed bed creation and dredging scheme – Ramboll UK
- Waste Reduction, A611 Rolls Royce Access Scheme, Nottingham – Galliford Try

Community Engagement Initiative of the Year
- A sustainable transport future for all: Chelmsford City Growth Package – Essex Highways
- A14 Cambridge to Huntingdon Improvement Scheme: Exceeding Expectations – A14 Integrated Delivery Team
- Boston Barrier Transport & Works Act Order Delivery – Environment Agency
- Community Excellence on the A1 Leeming to Barton – Morgan Sindall
- Community Regeneration in Wisbech – Anglian Water
- Connswater Community Greenway Phase 2 – Arup
- Continuous sponsorship and support of SuFra local food bank, E03 Canada Gardens – John Sisk & Son
- Hook and Johnston Wastewater Treatment Works – Mott MacDonald
- The Network Rail Thameslink Programme – Costain
- Waterloo Capacity Improvement Programme – Wessex Capacity Alliance

Digital Transformation Initiative of the Year
- A9 Dualling: Highland Discovery Tourism App – Transport Scotland
- Building a City in the Cloud applied on the Wood Wharf Project at Canary Wharf – 3D Repo and Canary Wharf Contractors
- Digital Delivery on HS2 Phase 2B Lot 1 – Mott MacDonald
- Digital Efficiency at Dubai International Airport – Arup
- Dynamic Project Data Platform: A14 Improvement Scheme – A14 Integrated Delivery Team
- Erection Stress Analysis of Midfield Terminal Feature Roof – Robert Bird Group
- 3D geological modelling on the Upper Chelburn Impounding Reservoir – Seequent
- The Broadgate Construction app – Sir Robert McAlpine
- Thames Estuary Asset Management 2100 – Jacobs

Health, Safety & Wellbeing Initiative of the Year
- Epic – Tideway in partnership with Active Training Team
- H&S Strategy: Service Avoidance – Delivered at Chester WwTW – JN Bentley
- Imperial College London, Weeks Hall – Bbuild
- Plumtree Court Development – Multiplex Construction Europe
- Safe to the Finish Campaign applied on the M25 Junction 30/ A13 Corridor Relieving Congestion Scheme – Balfour Beatty Skanska Joint Venture
- Thameslink London Bridge Station Redevelopment SHE Impact Day – Costain
- Tunbridge Wells North Health Maturity Matrix – CMGP
- Virtual reality safety training initially applied at the Stanton Cross rail and civils scheme in Northamptonshire – Galliford Try

Partnership Initiative of the Year
- Backward Integration with Collaborative Forward Thinking – Sir Robert McAlpine
- Early delivery team engagement at Project Capella – Kier Construction
The BCI Awards Shortlist

- Infrastructure Strategic Alliance – Sellafield working with Morgan Sindall and Arup
- Mobilising the UK’s Largest Road Construction Project: A14 Improvement Scheme – A14 Integrated Delivery Team
- Rivelin WTW Sirofloc Replacement – JN Bentley
- Transforming the West Midlands by delivering light rail schemes through collaboration and alliancing – Midland Metro Alliance
- Delivering upgrade works at London Waterloo, Vauxhall and along the Wessex route – Wessex Capacity Alliance
- Wembley Park Contractor Partnership Framework – Quintain

Productivity in Construction Initiative of the Year
- A “product-based approach” at Hanchurch Distribution Service Reservoir – JN Bentley
- Cross-laminated timber at Dalston Lane – B&K Structures
- Innovation in Diaphragm Wall Construction: Marble Arch Place – Balfour Beatty Ground Engineering
- Kingspan OPTIM-RE at Tulloch Primary School – Kingspan Insulation
- Operational Excellence Model at Romford Leisure Centre – Wilmott Dixon Construction
- Rising factory on East Village project – Mace
- Titan Preventer System in Dubai hotel and serviced apartments – Ischebeck Titan
- Europe’s Tallest Modular Building: Apex House – Tide Construction

Temporary Works Initiative of the Year (Building)
- 21 Moorfields: Piling Grillage above Moorgate Station Roof – Robert Bird Group
- Basement Lowering and Facade Monitoring for Cleveland Clinic London – Swanton Consulting
- Bringing the outside in at Lots Road Power Station – Scudder Demolition
- Crossrail Whitechapel Station – Escalator Barrel Travelling Scaffold – BBMV
- Earls Court Bridge 19 and Main Roof Deconstruction – Wentworth House Partnership
- Integrated Concrete Frame Design at MP3 H04 – Kingscote Design
- Royal Opera House: Opening up works – Robert Bird Group/Rise
- Tower Crane Strategy at Wimbledon Court One Redevelopment – Sir Robert McAlpine

Clockwise: Bloomberg, London; Somers Town Bridge; Storyhouse, Chester; King Abdullah Financial District Metro Hub
**Temporary Works Initiative of the Year (Civil Engineering)**
- BSCU Northern Line Adit Construction: SCL
- Temporary Works – Dr Sauer & Partners
- Collaborative bridge lifting system innovation: River Arro Viaduct, Gwynedd – Mabey Hire
- Counter’s Creek Flume Works: Cremorne Wharf Depot, Tideway – Fairhurst and Flo
- Hollow gravity base foundations, “Float and Submerge” design – Bam Nuttall
- Kirtling Street
- Temporary Marine Facility – Bam Nuttall

**Enhancement – Morgan Sindall**
- Launch Ramp Groundwater Protection System: Humber Gas Pipeline – Skanska
- Mersey Gateway Bridge Project – Cowi
- Raising Sunderland’s Northern Spire – Farrans Construction/Victor Buyck JV
- Water Street Bridge: Canary Wharf Bridge Abutment Lowering – Kilnbridge Construction Services

**Skills Impact Initiative of the Year**
- A1 Leeming to Barton: Skills Regeneration and Improvement – Galliford Try
- Star Track – Building Track Design Engineering Capability – Network Rail
- The Epsom STEMLab – Atkins

**Exporting Expertise Initiative of the Year**
- King Abdullah Financial District Metro Hub – Newtecnic
- Kachumbala Heath Centre 3, Uganda – HKS Architects
- Education City Mosque and College of Islamic Studies – Mangera Yvars Architects
- Dubai Roads & Transport Authority Strategic BIM Consultancy – Mott MacDonald
- Queen Elizabeth Hall, Antwerp – SimpsonHaugh
- Healthcare centre on Tristan da Cunha – Galliford Try
- Mount Coffee Project: Grout Curtain Design and Construction – Quantum Geotechnical

**Infrastructure Maintenance Project of the Year**
- A1(M) Darrington to Dishforth Contract
- Bilston Road Track Replacement Project
- Chapel Street Bridge upgrade, Salford
- Highbury Corner Bridge Replacement – M4 River Usk Bridge Strengthening
- Werrington Brook Improvement Scheme
The BCI Awards Shortlist

Clockwise: White Collar Factory; Werrington Brook improvement scheme; The Chocolate Works Phase One; Sportscotland, Inverclyde, National Sports Training Centre

Commercial Property Project of the Year
- 25 Wilton Road
- Bloomberg, London
- Four Pancras Square
- London Wall Place
- R7, King's Cross
- Two St Peter's Square
- Westgate Oxford
- White Collar Factory

Cultural & Leisure Project of the Year
- Hull City Centre public realm regeneration project
- IOU Arts Venue
- National Army Museum
- Royal Academy of Music
- Sportscotland Inverclyde, National Sports Training Centre

Social Infrastructure Project of the Year
- Big Data Institute
- Connswater Community Greenway Phase 2
- Marlborough Primary School
- Nucleus, The Nuclear Decommissioning Authority & Caithness Archive
- Prior’s Court – The Seasons Children’s Homes
- Royal Birmingham Conservatoire
- University of Roehampton Library
- Worcester College, The Sultan Nazrin Shah Centre

Housing Project of the Year
- Dollar Bay
- New Mildmay
- Rehearsal Rooms
- Roussillon Park, Chichester
- The Chocolate Works Phase One, York
- Weston Street

Climate Resilience Project of the Year
- HAR2 Kingsmoor Flood Alleviation Scheme
- Leeds Flood Alleviation Scheme
- Milford on Sea Beach Huts
- Much Wenlock Flood Alleviation Scheme

Transport Project of the Year
- Chester Bus Interchange
- London Bridge Station Redevelopment
- Mersey Gateway Bridge Project
- Queensferry Crossing
- Somers Town Bridge
- The Ordsall Chord
- Victoria Station Upgrade
- Wessex Capacity Alliance – August Part Closure of Waterloo Station

Utility Project of the Year
- Allerton Waste Recovery Park
- Battersea Cable Tunnel
- Highbury Corner Bridge - Utilities Diversion Project
- London Power Tunnels
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