



2019

Awards

Winners

Headline Sponsor

Without our sponsors, we could not host what has become such a great celebration of Welsh construction so thank you once again to our headline sponsor Costain and all our supporters in this, our thirteenth year of the CEW Awards. All of our sponsors are tremendous supporters of Wales, its supply chain and the best practice principles advocated by CEW and the wider industry. Thank you for your ongoing commitment, wherever we work as an industry, we create real legacies for future generations, in terms of skills, knowledge, aspirations and an improved environment. That's what we are celebrating at the CEW Awards with the help of our sponsors. Thank you!



Our purpose is to improve people's lives by deploying technology based engineering solutions to meet urgent national needs across the UK's energy, water and transportation infrastructures. We are justifiably proud of our track record in Wales and have in the last year continued to deliver complex and prestigious contracts on behalf of the Welsh Government.

The completion of both the M4 Brynglas Tunnels Refurbishment project and M4 J28 Improvement Scheme during 2018 have enhanced the local motorway network and provided lifesaving technology to the ageing motorway tunnels. We continue to support the Welsh Government with

the delivery of the A465 Sections Heads of Valleys dualling project, probably one of the UK's most complex road projects and the planning processes associated with the proposed M4 Corridor around Newport project.

As a company we remain committed to 'Responsible Business Practice' receiving a number of awards associated with an employment and training plan and sustainability at the A465 project and in November 2018 we handed back the Memorial garden to the Tŷ Hafan Hospice after a major refurbishment.

Constructing Excellence in Wales
c/o Office of the Future
Generations Commissioner for Wales
Market Chambers, 5-7 St Mary's Street,
Cardiff
CF10 1AT

T: 029 2049 3322
E: info@cewales.org.uk
www.cewales.org.uk



@CEWales



Constructing Excellence in Wales



CEinWales

ADEILADU
ARBENIGRWYDD
YNG NGHYMRU



CONSTRUCTING
EXCELLENCE
IN WALES

design@cheekymonkeycreative.co.uk

Printed on 100% recycled silk paper



Introduction

Construction in Wales and the UK is in the spotlight right now for several reasons.

Wales needs to improve its transport infrastructure, it needs to build homes, schools, hospitals and support active travel plans – but it must do so by adhering to best practice and the goals and objectives of the Wellbeing Future Generations Act.

But, like the rest of the UK, as an industry construction must conduct its business ethically and not just sustainably. To build well, to deliver the built environment that Wales requires and create it in such a way that guarantees a positive future for the generations to follow requires a shift in behaviours and attitudes.

That shift – albeit taking small steps – is happening. The momentum is building. The evidence is all around us and encapsulated in the work of the winners and the shortlisted entries to the 13th CEW Awards.

The behaviours outlined in the award entries show that Welsh construction remains ahead of the curve. Rethinking Construction principles – those defined by the Egan and Latham reports of the late 1990s – are alive and well. That movement for change, the goal to reform the construction industry and break from adversarial working practices and lowest price led decision making, is still making progress. Perhaps it is not moving as fast we would like. There are peaks and troughs, successes and failures – but the evidence shines through.

By adhering to the concepts of best practice, collaborative working and respect for people and a focus on long term value it is possible to design, engineer, build and maintain great projects. That's what we are celebrating in this CEW Awards winners brochure.

- What you do works.
- What you are doing adds value.
- What you do breaks down barriers.
- What you do creates a legacy for Wales and its people.

What happens next? Read about the winning projects and then check against your process, behaviours and attitudes. Are you on track? Are you adhering to best practice? Is the work you do aligned to the goals and objectives of the Wellbeing Future Generations Act? Because you have entered the awards – there is an implication you agree with the ideas championed by CEWales for a collaborative approach to procurement and the principle of adding value.

What we need now is more action, more commitment. You need to ask yourselves what you really want.

- You've told us you want CEWales to continue;
- You want CEWales to be a voice for industry acting as a champion for best practice, a champion for ethical, sustainable service delivery.
- You agreed that CEWales should be the advocate for change.

We have big ambitions to deliver real meaningful change in Welsh construction. Now, more than ever, CEWales has the potential to play a major role influencing how public and private sector work is procured and making sure that work adheres to best practice principles and is aligned to the goals and objectives of the Wellbeing Future Generations Act. We need income in the region of £80k - £100k pa to enable us to run the type of operation you have been used to. Right now, we are only halfway there. We have had lots of promises, but sadly, they have not materialised. We are planning several key things for the Autumn, but this will not happen without an increase in membership.

Take that step and become a member of CEWales.

That one step by each of you will create real momentum and give weight to our arguments.

It will be a movement for change that Government, public sector and private sector can, must and will listen to.

Thank you

Milica Kitson
Chief Executive

Andy Brown, Mark Davies, Mike Edmonds, Paul Jennings
Board Directors
Constructing Excellence in Wales

Award Judges

Without the support and commitment of our judges, we would not be able to run the awards every year. We would like to express our sincere thanks to each of them, they are the unsung heroes for our awards programme.

Emma Ashby
Associate, Geldards LLP

Andrew Brown
Director, Frank & Brown Ltd

Mark Davies
Director, IMD Systems

Mike Edmonds
Director, Altmore

Professor John Edwards
Director, Edwards Hart Ltd & Professor of Practice, University of Wales Trinity St David

Ed Evans
Director, CECA Wales

Trevor Francis
Programme Director for Building Surveying, University of Wales, Trinity Saint David

Vince Hanly
Director, V H Procurement Consulting Ltd

Lucy Hoggins
Director, Resilience Sustainable Solutions Ltd

Iona Hughes
Environmental Consultant, IH Environmental Consultancy Ltd

Rhodri-Gwynn Jones
Retired

Helen Kane
Director, Access Included

Colin King
Director - BRE Wales & SW

Rhys Lewis
Business Development Director, Revizto

Phil Lumley
Director, KPL Associates Ltd

Paul Maliphant
Development Director and Account Leader, Mott MacDonald

Tony Norris
Partner, Geldards LLP

Jane O'Leary
21st Century Schools Programme Manager, Vale of Glamorgan Council

Ioan Prydderch
Head of Property and Construction, Hugh James

Dan Rossiter
Sector Lead (Digital Transformation), Built Environment, BSI Group

Lynda Sagona
Chief Executive, United Welsh

Stella Saunders
Principal Designer, Cardiff Council

Andy Sutton
Director of Design & Innovation, Sero Homes & Sero Energy

Alun Tobias
Partner, Hugh James

Nick Tune
Digital Engineering Director, Atkins

Professor Andrew Thomas
Director, Diligentia

Pierre Wassenaar
Director, Stride Treglown

Andrew Wedlake
Special Projects Manager, Centregreat

Integration & Collaborative Working Award

Judges: Mike Edmonds Vince Hanly Phil Lumley

Award Sponsored by



Willowbrook – A Cardiff Living Development Project

Project Value £25.6m

Willowbrook is a partnership development for 192 new homes for open market sale, low cost home ownership and rent between Cardiff Council and Wates. The development is part of Cardiff Council and Wates's City wide Cardiff Living Program to deliver 1500 homes for sale and rent over 40 sites with a development value of £190m.



Cardiff Living and the Willowbrook project are outstanding examples of how partnership between public and private sector can deliver a different approach to residential development.

The early engagement of the development partner has allowed for a fully integrated and value engineered product incorporating the requirements of the council while at the same time being a deliverable open market product with the financing, work in progress and ultimate sales risk being taken by Wates.

The land and commercial approach to the project has allowed for affordable housing to be delivered at cost and for the sale to be delivered at a significantly reduced margin compared to normal developer margins.

The partnership has facilitated the construction of open market properties within an existing local authority estate so bringing new build sales opportunities into areas where traditional volume house builders would not develop.

Cardiff and Wates acting in partnership have delivered a radically different approach to residential development.



The Judges were impressed with the open book, shared approach which influenced the quality of the homes.

SME of the Year (1-50 employees)

Judges: Ed Evans Helen Kane

Award Sponsored by



Ian Thomas Construction Services Limited

Ian Thomas Construction is a family run Civil Engineering and Groundworks business that has gone from strength to strength over the last 3 to 4 years.

They have earned an enviable reputation as a quality provider; solving complex problems, they are seen as a quality employer with excellent staff retention and are known for successfully delivering projects on either a standalone basis or as recently offering large packages to major contractors. Their one stop approach to groundworks is supplemented by extensive support, training and development ensuring that all site staff 'get it right first time'.

Becoming more successful meant added strain on business processes, procedure and staff. Ian Thomas Construction had to ensure Client (Main Contractor) expectation and demands were met. However, by working collaboratively with clients, their procurement and site teams, they were able to understand what was needed to ensure success – and then deliver it.

Ian Thomas Construction have been cautious in balancing business growth with sustainability whilst ensuring they have all the necessary people and procedures in place to continually exceed client expectation on safety, quality, programme and cost. They have achieved this with a small but extremely dedicated team who keep a very close eye on all aspects of the business to achieve high levels of efficiency and learning from experiences to continually improve.



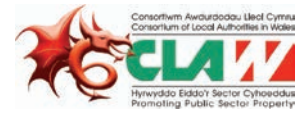
The Judges recognised this company has had a clear focused plan for the business which has brought them to this point. A very worthy winner of this category.



SME of the Year (51-250 employees)

Judges: Ed Evans Helen Kane

Award Sponsored by



Forest Traffic Services

Forest Traffic Services self-delivers the complete range of traffic management solutions to public and private clients across Wales.



Their business grew organically, they restructured their operations in a unique manner; combining localised teams led by managers who communicate seamlessly across the national business as a single unit-providing the benefits of local knowledge and national skills and resources reach back.

They are further challenged to deliver to a schedule that is determined by others and usually outside their total control. They face the continual challenge of delivering both the agility their clients require and the efficiency that makes their business sustainable. They surmount these challenges through their business model, systems and people.

Their submission and presentation demonstrated clearly how Forest has become a major Traffic Management provider in the high-pressure and competitive highway maintenance market.

Forest are differentiated by their focus on customer needs and the logistical issues at the core of their business. They had the courage and foresight to stand back, analyse and 'reinvent' their processes.

Their Mission Goal is 'We will become the service provider of choice by creating and sustaining long-term partnerships with their customers, suppliers, affected stakeholders and staff; based upon trust and mutually beneficial relationships'.



The Judges were very impressed with this company because they understood where and how they add value for the customer. They described themselves as being, 'like a good butler, you are unaware of our presence...'

Sustainability Award

Judges: Lucy Hoggins Iona Hughes Colin King

Award Sponsored by



A465 Heads of the Valleys Section 2

Project Value £223m

The scheme's unique location is home to an abundance of wildlife which have been designated to European level which utilize all aspects of the environment as part of their habitat.



The scheme includes the construction of 16 major structures, over 12.5km of various types of retaining walls as well as excavation of over 1.3million m³ of earthworks. All this through an extremely narrow rock gorge whilst maintaining current traffic flows on the existing route.

To date, the scheme has exceeded a 90% diversion from landfill KPI, with a current 99% landfill diversion rate.

As a consequence, this project is one of the most engineering and environmentally challenging projects in the UK. The nature of the scheme means the use of 'off the shelf' sustainable solutions are virtually impossible.

Costain has approached this project with the intention of not only maintaining the rich biodiversity within the area but leaving a net benefit.

On this project, Costain has supported more academic research than any other, harnessing innovations for long term sustainable development.



The Judges recognised the challenges facing the project. The extensive reuse of materials on site means the environmental impact has been reduced considerably. They also acknowledged the use of self-healing concrete as a worthwhile and beneficial demonstration of whole life considerations. The project is an excellent example of massive engineering challenges and innovative solutions.

Health, Safety & Wellbeing Award

Judges: Jane O'Leary Stella Saunders

Award Sponsored by



Knox & Wells – Cardiff University Medical Discovery Institute

Project Value £950k

Knox & Wells were appointed Principal Contractor for the Medical Discovery Institute on an NEC3 form of contract under Cardiff University's Framework.



It required the construction of laboratory facilities on a live site within Cardiff University's Main Building. The Laboratories were heavily serviced with 16 new fume cupboards fitted into a restricted space.

The working areas were within two teaching and research floors, with a large rooftop plant-area. The plant-area presented significant hazards; craneage, fragile roof lights and toxic emissions from live fume-cupboards. Cardiff University assessed the area as highly hazardous 'Red Roof', a designation that imposes severe access restrictions.

The challenge was to undertake the roof plant installations safely and to the programme, whilst maintaining essential research linked to the live fume-cupboards. It was evident that a collaborative, multi-stakeholder approach would be needed to meet this challenge.

To overcome this challenge, Knox & Wells drew upon their collaborative H & S processes, involving the whole project team in developing a comprehensive risk control/mitigations methodology.

This was underpinned by the team approach fostered by the NEC contract and site knowledge gained and shared from being Framework Partners with Cardiff University and M & E specialist, Lorne Stewart.

Knox & Wells Health & Safety culture is based upon two complimentary principles, a robust system and a collaborative, people focused approach to its implementation.



The Judges recognised the challenges Knox & Wells faced on this project but the culture within the company, together with collaboration with other departments and teams meant they stood out in this category.

Value Award

Judges: Rhodri-Gwynn Jones Tony Norris Andy Sutton

Award Sponsored by



Halfway and Northumberland SPS Team

Project Value £ 4.9m

There is a need and expectation today to get more for less from our investment; a common picture across the UK Water Industry.



The Welsh Water Capital Alliance investment in people, innovation and digital technology is helping this aspiration become a reality.

The Halfway and Northumberland catchments, serving over 50,000 people, has suffered from historic, repeated wastewater flooding.

In addition, two key terminal Sewage Pumping Stations, Halfway and Northumberland SPS, have environmental drivers to reduce storm overflow frequency to less than 10 spills per annum. Before this work, these assets were spilling up to 80 times per year. The root cause of both issues was a combination of high surface water inflows, high winter infiltration, lack of pipe capacity and large, complicated, under-performing terminal pumping stations.

The challenge was to deliver an affordable solution which met the needs of all key parties. This includes Welsh Waters Business Plan, Welsh Water's long term 2050 vision, local community expectations, Natural Resources Wales and Welsh Government needs.

Key Project statistics – 30,000 hours worked, 5 key stakeholders, 20 designers, 10 sub-contractor consultants, 120 to 30 spills in both catchments, 60 site staff, 50,000 customers served and £15m savings made.

Welsh Water have raised the bar, gone well beyond traditional boundaries and delivered on a much 'talked about but rarely acted upon' philosophy of whole catchment consideration.



The Judges were impressed with the way the team have used workshops and continuous collection of data to inform the whole project. There was a clear understanding of the Clients Values.

Offsite Award

Judges: Andy Sutton Andrew Thomas

Award Sponsored by

BLAKE
MORGAN

Glasdir Schools Project

Project Value £ 10m

Under the 21st Century Schools Programme, Denbighshire County Council decided to relocate Ysfol Pen Barras and Rhos Street Schools to new purpose-built facilities.



The £10m investment comprised the design and build of a new single-storey school campus. The new buildings were designed and constructed using a full BIM Level 2 process and Asset Information Model Output.

The site chosen posed a significant challenge in terms of potential flood risk. All remedial works to alleviate potential flooding along with the construction of the new facilities were to be completed within the challenging timeframe of 15 months.

Working with Lovelock Mitchell and offsite technology specialists, Innovare Systems, Wynne Construction adopted an innovative approach to the design utilising the i-SIP structural insulated panels off-site technology. Wynne Construction embedded the supply chain designers into the project team from the outset, ensuring full co-ordination was completed prior to construction. This early involvement saved four months of detailing at commencement of the construction stage, ensuring the main superstructure was on-site much earlier in the programme.

The staff and children were at the heart of this project and involved throughout the build. They thoroughly enjoyed the experience of a 'SIPs signing ceremony' where SIPs panels were signed by the pupils who then watched them being installed.

Wynne construction is currently implementing the same construction method for the new Ysgol Carreg Emlyn and Ysgol Llanfair Dyffryn Clwyd in Ruthin which are due for completion later in 2019.



The Judges were impressed with Wynne Construction's MMC journey and how they have made it mainstream within their normal build journey.

Preservation & Rejuvenation Award

Judges: John Edwards Trevor Francis Colin King

Award Sponsored by

ADEILADU
ARBENIGRWYDD
Club Gogledd Cymru

CONSTRUCTING
EXCELLENCE
North Wales Club

Glan Hafren Bridge

Project Value £307k

When the Montgomeryshire Canal was extended to Newtown in the early 1800s, Glan Hafren Bridge was built to carry the entrance driveway to Glan Hafren Hall over the new waterway.



Under the Act of Parliament for the construction of the canal, property owners could 'construction for themselves, bridges of a more elaborate nature than would normally be erected...'. Hence, Glan Hafren Bridge is a statement structure of architectural merit, now Grade II listed. The main beams are formed from the Victorian engineer's favoured new materials, cast iron.

Over 200 years the bridge has deteriorated to some extent. But, the most significant risk to its fabric is the huge increase in the weight of typical vehicles; originally horse and carts, now potentials vehicles with 11 tonne axles.

When assessed by engineers, the theoretical load capacity was practically zero. The Canal and River Trust were obliged to intervene with a strengthening scheme.

The key challenges faced in the design and construction were respecting a unique heritage structure, maintaining access to the properties including a business and farm land for which the bridge is sole access, maintaining traffic flows on the A483 trunk road and preventing any adverse environmental impact – the canal under the bridge is part of both a SSSI and Special Area of Conservation.

The project was procured through the Trust's framework contract with Kier. ECI allowed risks to be considered at an early stage, managed effectively and designed out as far as possible.



The Judges felt this was an excellent example of how to preserve the past but make the structure fit for modern use. There was good retention of existing features, sympathetically blended with modern load bearing materials.

Digital Construction Award

Judges: Emma Ashby Rhys Lewis Dan Rossiter Nick Tune

Award Sponsored by

HUGH | JAMES
Understanding law, understanding you

Monmouth Comprehensive School

Project Value £42m

Interserve's collaborative and integrated team has been one of the major successes of this project, especially where digital construction is concerned.



The use of the BIM model for the design and engineering of the new secondary school at Monmouth has been an invaluable tool. Particularly in the development of other creative, agile and engaging teaching and learning environments, designed to meet the needs of the new emerging educational curriculum in Wales.

The federated BIM model has really come into its own not just from a technical perspective, but as a valuable visual and immersive tool in engaging all stakeholders in the development of their school, from teaching staff to pupils, parents and the wider community and was fully embraced by all Supply Chain Partners and SME's too.

The use of the QR coded system and budget VR viewers in conjunction with the federated model has brought the new teaching and learning environments to life.

It is a simple idea and product, and proof that you do not need complicated, expensive or cutting edge gadgets to share digital construction and enhance the delivery and experience of the overall construction process.

Monmouth Comprehensive School offered a unique opportunity to take on a process that had begun with Caldicot School and apply it in such a way as to maximise the real outcomes for educational delivery in Monmouthshire.



The Judges recognised the Client had a clear vision which was met by the Supply Chain and that this project was part of a larger strategic journey. The team came to this project with metrics from the previous project and knew what would work.

Innovation Award

Judges: Mark Davies Paul Maliphant Pierre Wassenaar

Award Sponsored by



Beech Tree Gardens

Project Value £3.8m

Beech Tree Gardens is an exceptional scheme delivering three and four bedroom homes for sale alongside one bed apartments and two and three bedroom homes for rent in a prime location in Caerphilly.



The development is built on land belonging to Caerphilly County Borough Council, this pioneering venture between the United Welsh Group and the local authority is providing 34 homes for purchase and rent.

The build contract with Jehu was £3.9m with an agreement between United Welsh and Caerphilly Council which includes profits from the properties for sale being recycled to help fund the construction of the affordable rented homes on the site. £344,000 of funding was also secured from the Welsh Government's Social Housing Grant.

The Council also benefits from some return from the rental on the homes in return for allowing United Welsh to develop the land.

The cost model was valued to ensure appropriate land value and compliance with adopted planning policies for contributions. Costs were included in the model and land value agreed at £350,000.

A new model of funding was devised to use assets Caerphilly Council had to help maximize return on investment, whilst also providing employment opportunities and retaining investment in the local area.

An agreement between Caerphilly Council and the United Welsh Group enabled them to develop a mixture of homes for sale and for rent with the profits from the homes for sale being used to fund the construction of the homes for rent.



The Judges felt United Welsh had looked at the status quo with regard to housing and decided they didn't want to do that, it wasn't right. They were focused on outcomes, making things better and they succeeded.



People Development Award

Judges: Andrew Brown Ed Evans Lynda Sagona

Award Sponsored by



Jones Bros Ruthin (Civil Engineering) Co Ltd

Jones Bros works across a varied portfolio of construction and engineering projects to great success.



The professionalism and standards of work speak for itself across Wales and the United Kingdom. The company succeeds in the industry because it remains flexible and has the ability to adapt to every project it starts.

To do this, Jones Bros is continually investing in its workforce by providing exemplary training, personal development and career opportunities for the local community as well as providing opportunities in the areas they are working across the country.

Jones Bros continues to ensure the workforce is kept up to date with what is going on in the industry and the company. This has resulted in a professional, well-motivated, loyal and dedicated workforce that achieves great results.

The Training and Workforce Manager and his team are continually developing and providing first class accredited awarding body training, delivering approximately 9000 hours of training to its current workforce (not including apprentice training).

Jones Bros is working with local colleges and the CITB and are proud to announce they currently have 50 apprentices undertaking training as well as multiple staff working towards degree and Masters degree qualifications.

The company works hard to communicate the brand and to inspire future generations into entering the construction and civil engineering industry.



The Judges were impressed with the data and information presented relating to their retention rate, the benefits of the pastoral care provided and the number of local people employed, they are unprecedented in this industry.





Client of the Year Award

Judges: Mark Davies Rhodri-Gwynn Jones Andrew Thomas

Cardiff University

Cardiff University is quite simply an exceptional client that have worked extremely hard over the last four years of their first Building Consultant's Framework to deliver exceptional work and projects that will improve the lives of the users of their buildings.

Their forward vision is to be a world leading, research excellent, educationally outstanding university, driven by creativity and curiosity, which fulfils its social, cultural and economic obligations to Cardiff, Wales, the UK, and the world.

Implicit within the mission statement above and through strong leadership, is their desire to enhance and improve the Student experience and attract the best students.

In December 2015, Cardiff University adopted its first Building Consultancy Framework, with the Contractors Framework shortly after, for all construction projects. Amongst the goals set for this, they were keen to change the culture to strive for better value for money, collaboration, creativity and a streamlined supply chain.

This aspiration came with great challenge and everyone involved in this framework from the client to the contractor team and consultancy team needing to give 110% to create a bright future and a culture of leading by example.

The four year framework is the first of its kind for South Wales and the University. This required courage, commitment and teamwork to change cultures to reflect the Framework's aspirations to deliver excellence to a singular common goal.



The Judges believed Cardiff University to be a worthy winner as a result of their drive and ambition. They demonstrated a change in culture and clear and consistent leadership.





Project of the Year – Civils

Judges: Mike Edmonds Ioan Prydderch Andy Sutton Alun Tobias

Award Sponsored by



Brynglas Tunnels Refurbishment

Project Value £34.6m

The refurbishment of the Brynglas Tunnels required extensive works to three Major Structures along the M4 near Newport in South Wales.



This particular location is a vital transportation link for South Wales used by tens of thousands of vehicles every day.

The three major structures were The River Usk Bridge, the Brynglas Tunnels and the Malpas Viaduct. Each structure had its own complexities and restraints which introduced a variety of challenges to the delivery team.

Works had to be completed with the minimum of disturbance to the Stakeholders, Community, road users and environment. At the same time delivering a logistic project and maintaining the health and safety of Costain's workforce and the public.

The challenge of introducing new technology within the tunnel to improve the 'life support' features of the tunnel, whilst still maintaining all existing services, required team collaboration and intricate planning and programming.

The environmental concerns on the project were many and with the hydro demolition of the River Usk bridge over the river did raise concerns within the delivery team. Its completion with zero environmental issues is a testament to the delivery team and their designate Environment manager. Stakeholder and Community management was a success, with delays and disruption reduced to a minimum through constant collaboration and input from stakeholders. The Community liaison was well received and Costain hope their remaining legacy through STEM workshops has created a future generation of engineers.



The Judges felt the complexity and politically sensitive nature of this project, undertaken on one of the busiest motorways with no issues – environmentally or health and safety – makes this a more than worthy winner.

Project of the Year – Buildings

Judges: Mike Edmonds Ioan Prydderch Andy Sutton Alun Tobias

Award Sponsored by



Central Square Cardiff BBC Headquarters (Plot 3)

Project Value £65m

The new BBC Cymru Wales Headquarters is an outstanding new office space which unites studio, administration and support facilities for BBC staff, providing a highly flexible and inspiring workspace.



Located within the newly created pedestrianised piazza in Central Square, opposite the bustling Cardiff Central Station, it sits on the site of the former bus station. The project seamlessly integrates with the public space in front of the main entrance, where visitors and the staff alike access the ground floor through the full height atrium which surrounds the high specification office, studio and production spaces over seven floors.

Due to this unique and busy city centre location, exceptional logistical planning was paramount to the success of the project. Collaboration with all internal and external stakeholders including Rightacres, Network Rail, Cardiff City Council and the Highways Agency was key to overcoming this challenge to ensure the safety and easy movement of pedestrians and traffic surrounding the site.

Due to the complexity of the project it was key that teamwork and a collaborative culture was embedded at an early stage with all stakeholders.

The soft landings approach was undertaken with the client and end user to ensure that information and key dates from design, procurement and installation on site were transparent and clearly communicated at all stages. This approach was also implemented throughout the supply chain.

This striking building is a perfect centrepiece for the dynamic Central Square redevelopment.



The Judges felt this was the winning project, not because it is a big showy project in the heart of the city centre but because it was worthy on so many other levels – logistics, collaboration, sustainability, wellbeing, demonstrated to the client what the local supply chain can do.



This project is the perfect example of Client and Contractor collaboration, innovation and partnership. It completes the final piece in the delivery of the overall link road project. It is an essential element in securing future expansion of Coleg Menai and for the success and development of local businesses in the Llangefni area and the wider communities of Anglesey.

The Client has benefited from reduced project out-turn costs due to the design changes, innovative use of soil stabilisation and the reduced programme (soil stabilisation allowed work to continue during adverse winter conditions)



A TETRA TECH COMPANY



The pavement within the tunnel had experienced failures, resulting in regular and numerous interventions to refurbish. This in turn caused continuous congestion and delays to the network as remediation works were instigated. The project was challenged with providing a solution and delivering a new drainage and pavement system within the tunnel.

Design & Consultancy
for natural and
built assets



The judges wanted to recognise the level of commitment demonstrated by Galliford Try.



Membership 2019

WHAT IS CEW?

Constructing Excellence in Wales is the united voice of Welsh construction, representing every part of the supply chain. We are an independent, self-funding body campaigning to highlight the industry's role in underpinning key Welsh Government strategies and creating a built environment fit for the future.

WHY JOIN?

WHAT WILL CEW DO FOR ME?

To ensure Government and decision-makers across the country understand the value construction can deliver. To make the case for collaborative project delivery. To shift the focus away from short-term gain towards long-term good. To promote best value, progressive waste strategies, low carbon and community benefits. To build a Wales that is fit for future generations, construction needs an objective champion to speak with a single united voice for the whole supply chain. That is the role of CEW.

To ensure the industry works as a team. That is why you should join CEW.

Have a voice within the integrated team. Commit to our vision of a sustainable, low carbon, world-class built environment for Wales.

Become a member of CEW. Today.

Engage with us

info@cewales.org.uk

or call on 029 2049 3322

Client	£101m+ industry spend	£2,100
	£51m-£100m industry spend	£1,470
	£21m-£50m industry spend	£735
	£11m-£20m industry spend	£420
	up to £10m industry spend	£210
Contractor /Supplier	201+ employees	£2,100
	51-200 employees	£1,470
	11-50 employees	£735
	3-10 employees	£420
	1-2 employees	£210
Consultant	101+ employees	£2,100
	21-100 employees	£1,470
	6-20 employees	£735
	3-5 employees	£420
	1-2 employees	£210
Public Services	i.e. Local Authorities, Housing Associations/ Health Authorities/ Schools/Universities	£1,000

Student Membership	Free , but please provide proof of student status (e.g. scan of student ID, acceptance letter etc.) supplied as a jpg image
Individual Membership	£100 p.a. individuals will be allocated to a Best Practice Club

Headline Sponsors



Sponsors



Constructing Excellence in Wales
c/o Office of the Future Generations Commissioner for Wales
Market Chambers, 5-7 St Mary's Street, Cardiff
CF10 1AT

T: 029 2049 3322

E: info@cewales.org.uk
www.cewales.org.uk



@CEWales



Constructing Excellence in Wales



CEinWales

Printed on 100% recycled silk paper

design@cheekymonkeycreative.co.uk

Headline Sponsor



Sponsors

