

# Annual review 2025





**Image –**

Fern the Dinosaur

Winner of the Structural Award for structural ingenuity showcasing the creativity of the profession

© The Trustees of the Natural History Museum, 2025

**Image –**

XImage - Shanghai Greenhouse project

Winner of the Structural Award for imaginative structural intervention combining new and old to dramatic effect

© Arcplus Institute of Shanghai Architectural Design & Research Co., Ltd, 2025

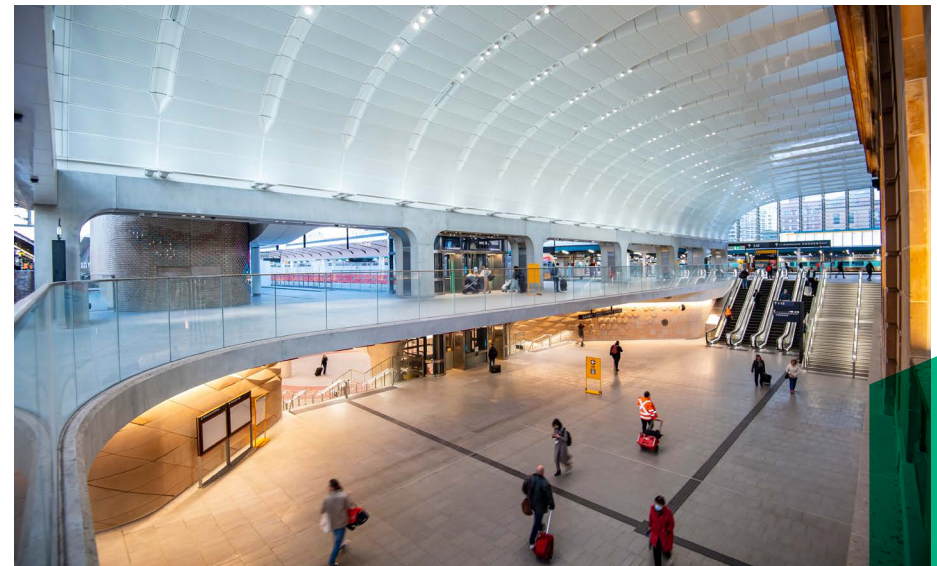


**Image –**

Central Station Metro, Sydney

Supreme Award winner for Structural Engineering Excellence

© Aurecon GHD Joint Venture (AGJV), 2025



# Welcome



During 2025, the Institution strengthened its foundations and responded proactively to continued change across the structural engineering profession and the wider built environment. In parallel, we took important steps to strengthen the Institution's long-term future through the launch of our new 2026–2030 strategy: *Building the Future Together*, which sets out a clear and ambitious vision for the next phase of our development.

Structural safety remained central to our activities last year, which reinforced the Institution's reputation as a trusted voice on safety and competence. We continued to play a leading role in supporting industry and government following the Grenfell Tower Inquiry Phase 2 report, contributing our expertise to policy discussions, industry working groups and parliamentary engagement. In addition, CROSS has continued to expand its impact and was appointed to operate the Voluntary Occurrence Reporting system on behalf of the Building Safety Regulator.

The Institution also continued to demonstrate leadership in responding to the climate emergency. Our belief that structural engineers have a vital role to play in creating a safer, more sustainable future helped shape industry conversations on embodied carbon, net zero buildings and sustainable design. We brought together professionals, policymakers and partner organisations to address some of the most important challenges facing society and the built environment.

Innovation remained a priority throughout 2025. The growing influence of digital engineering and artificial intelligence presents both opportunities and challenges for the profession, and the Institution took proactive steps to support members in navigating this rapidly evolving landscape. Through new guidance, industry roundtables and the development of digital resources, we continued to provide leadership on the responsible adoption of emerging technologies within structural engineering practice.

Our commitment to supporting members at every stage of their careers meant that we delivered an extensive programme of learning, events, publications and technical resources that reached members across the world. During the year, we also saw continued growth in professional registration and qualification activity.

The Institution's international presence and influence also continued to grow. We strengthened partnerships across several regions and supported the profession through knowledge-sharing and engagement on a global scale. The launch of the Pan-African Structural Engineering Knowledge Partnership marked a particularly important milestone, demonstrating our commitment to developing capacity, sharing expertise and supporting the advancement of structural engineering internationally.

Internally, we have strengthened capability through significant improvements to our headquarters and to our digital capabilities. We have also modernised the organisational structure to align with our new strategy. Together, these improvements have strengthened the way we operate and ensured the organisation is in a strong position to pursue our ambitions for the future.

Collaboration has been a defining feature of 2025, with the Board, Council, Regional Groups, volunteers and staff working together to take the Institution forward. Thanks to all your collective expertise and effort, we have continued to successfully deliver our aims. I am pleased with what we have achieved so far, and I look forward to *Building the Future Together*.

**Yasmin Becker**

Chief Executive

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**Image** – Tekakapimek Contact Station, Maine USA  
Winner of the Structural Award for regenerative design  
using indigenous knowledge, materials and construction  
techniques for maximum social impact  
© James Florio, 2025

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# About us

The Institution of Structural Engineers (IStructE) is the world's largest international membership organisation dedicated to the art and science of structural engineering.

We are a charity established by Royal Charter, accountable to our Board of Trustees and advised by an elected Council.

The Institution has a proud heritage, but our sights are firmly set on the future as we support structural engineers globally.

Professional membership of IStructE is a leading global benchmark of competence and technical excellence. Our members undergo rigorous technical assessment.

We support them in this through career-long development, learning and mentoring.

The Institution provides a voice for our members, promoting their contribution to society as innovative, creative problem solvers and the guardians of public safety. Structural engineers also have a crucial role to play in responding to the climate emergency.

The Institution recognises both the breadth and depth of the needs of our members; helping engineers come together and share knowledge and ideas in a variety of ways: face-to-face events, digital platforms and social media.

We are inclusive. No one with the aspirations and ability for a career in structural engineering should encounter any barriers. Routes to membership are under constant review to provide flexibility in the application and examinations process, offering more choice for all our candidates.

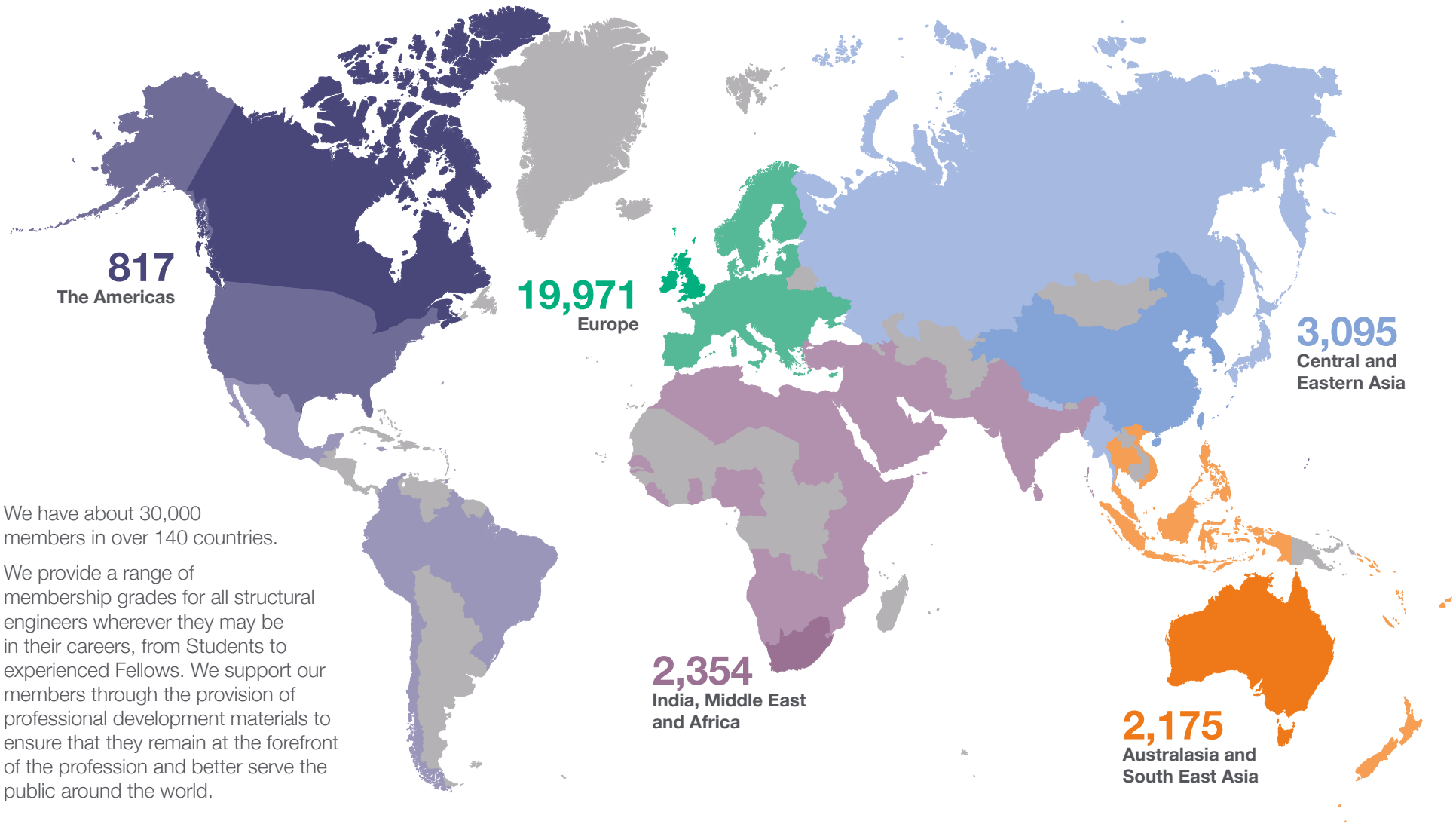
## Our values:

- **Integrity:** We uphold the highest standards of ethics and professionalism in everything we do.
- **Excellence:** We pursue continuous improvement and the advancement of technical knowledge.
- **Collaboration:** We work together across our global communities to share insight and build understanding.
- **Inclusion:** We value diversity and ensure that every voice has the opportunity to contribute.



# IStructE in numbers

Countries where the Institution has most members are represented on this map in the darkest shades.



We have about 30,000 members in over 140 countries.

We provide a range of membership grades for all structural engineers wherever they may be in their careers, from Students to experienced Fellows. We support our members through the provision of professional development materials to ensure that they remain at the forefront of the profession and better serve the public around the world.

**29,520**  
total members



**350+**  
events delivered



**183,379**  
social media followers

**2.1 million**  
website pageviews

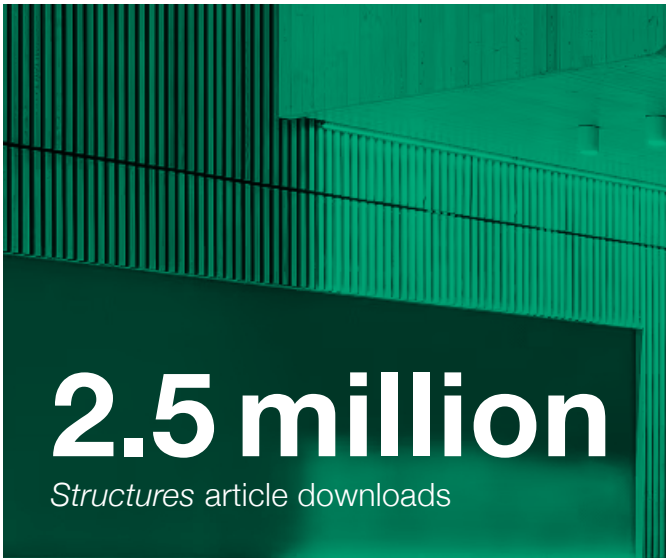


**4.3**  
highest ever impact factor for *Structures*


**17,000+**  
event attendees



**2.5 million**  
*Structures* article downloads



**5.7 million**  
impressions on IStructE social media accounts



# Governance

The Institution operates within a robust governance framework designed to ensure effective oversight, accountability, and alignment with its charitable objectives and long-term strategic priorities.

The Board is responsible for the overall governance and direction of the Institution, supported by Council and a range of committees overseeing areas including finance, nominations, membership, and professional conduct. These bodies play an important role in supporting sound decision-making and ensuring that the Institution continues to uphold the highest professional and ethical standards expected of a global professional body.


During 2025, further work was undertaken to review aspects of the Institution's governance arrangements to ensure they remain effective, proportionate, and aligned with the evolving needs of the organisation and its membership. This included consideration of governance structures, committee responsibilities, and decision-making processes, with the aim of strengthening clarity, transparency, and organisational effectiveness.




**Image** – La Pêche Town Hall during construction  
Structural Award winner for elegant detailing, and an intelligent and striking use of mass timber  
© Latéral, 2025

# Trustee Board members


## Europe

Don McQuillan 


Keith Williams 


Kate Wise 

Tendayi Munyebvu 

Elisabeth Marlow 


## The Americas

Tanya de Hoog 


Shalini Jagnarine-Azan 


## Australasia | SE Asia

Brian Uy 


Colin Caprani 

## India | Middle East | Africa

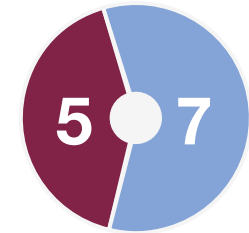
John Price 

Mohamad Al-Dah 

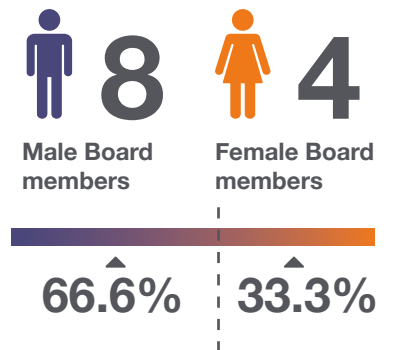
## Central and Eastern Asia

Jiemin Ding 

## IStructE Board statistics



- Board members based in the UK
- Board members based outside the UK



# Building the future together

## Our new five-year strategy (2026 to 2030)

The Institution's strategy for 2026 to 2030, *Building the future together*, sets a clear direction for the next phase of the Institution's development in strengthening its role as a global professional body. It builds on more than a century of advancing the art and science of structural engineering and reflects the Institution's continuing responsibility to support the profession and serve the public good.

It also sets out a clear vision for the future: a global community of structural professionals who are connected, supported and inspired to innovate and collaborate in shaping the built environment.

At the heart of the strategy is the Institution's mission to secure a safe and sustainable world through the advancement of structural engineering.

Four strategic pillars underpin this direction. These focus on advancing the profession, supporting professionals throughout their careers, strengthening professionalism and standards, and building organisational resilience so the Institution can continue to serve members and society effectively. Together, these priorities reflect both the Institution's heritage and the evolving needs of the profession.

Through this strategy the Institution aims to strengthen its global influence, support a diverse and engaged membership, and continue to promote excellence, safety and sustainability in structural engineering practice. It also places emphasis on improving the way the Institution works, ensuring that its processes, culture and services remain responsive to members and fit for the future.

Together, they provide a clear framework for the Institution's work and support its ambition to remain a trusted and influential voice for structural engineers worldwide.

The strategy has been shaped through extensive engagement with members, Regional Groups, the Board and Council. Their perspectives helped identify the opportunities and challenges facing structural engineering today and informed the priorities that will guide the Institution over the coming five years. The result is a focused and practical framework that aligns the Institution's activities with a shared purpose and long-term ambition.



# Public benefit

## The Institution's objects are:

To promote for the public benefit the general advancement of the science and art of structural engineering in any or all of its branches and to facilitate the exchange of information and ideas relating to structural engineering amongst members of the Institution and otherwise.

## This is achieved through:

1. Maintaining and enhancing high standards of professional qualification and supporting members in enhancing their professional competence.
2. Developing and disseminating a suite of resources to support members and non-members in responding to challenges within the profession and broader society including structural safety, resilience and the climate emergency.
3. Developing a Code of Conduct that members are required to follow and responding to the rare instances where there has been a breach of the Code. This may involve taking action against the member in question, but also reinforcing to the wider membership the Institution's professional and ethical requirements.

IStructE promoted the work of its members in Humanitarian and International Development through its panel and through panel discussions that showcased the unique, vital and challenging role that structural engineers play within urban search and rescue teams. The Institution supported the Earthquake Engineering Field Investigation Team (EEFIT) in under-taking two remote missions to Myanmar; and the publication of information from previous missions to Turkey and Afghanistan.

The Institution continues its focus on safety, sustainability and digital engineering. IStructE was called upon to provide advice to public bodies including the UK Government and invited to contribute to wider industry initiatives due to our technical standing.



# Promoting safety

The promotion of safety in all structural engineering for the public benefit is enshrined in the Institution's Royal Charter. The Institution adopts a systematic approach. We engage with members and industry to identify priorities and develop guidance and CPD to meet emerging needs. We use our recognised position as a leader in structural safety to engage with policymakers and regulators on system-wide initiatives.

The Institution, in collaboration with The Institution of Civil Engineers (ICE) launched a scheme for professionally qualified members to demonstrate competence in Higher-Risk Buildings (HRB) and join the Engineering Council HRB (Structures) Register. The Register has been developed as part of the response to the Grenfell tragedy and aligns with the Institution's objective to raise standards of competence.

The Guide to assessment of Reinforced Autoclaved Aerated Concrete (RAAC) in domestic properties and the RAAC Scottish residential property guidance (Scotland) were shared with the Scottish Government.

The Institution also continued to support the industry reforms demanded by the Hackitt report and Grenfell Inquiry Phase 2 Inquiry report (The Grenfell Report).

The Institution has developed guidance on managing Safety Cases and the "Golden Thread" of information, embedding a safety culture, and published a series of papers on quality assurance (QA), checking and site monitoring. The Institution also contributed to a number of other government consultations.

Working with Collaborative Reporting for Safer Structures (CROSS) we prioritised a series of safety issues and their root causes which we aimed to address during the year. These issues included: poor regulation, new technology, competence, lack of design understanding, lack of tools to assess existing buildings and quality control.

Recognising the breadth of issues that the profession faces, the Institution constituted a new Risk Skills Advisory Panel to provide strategic input on the risk competencies required of members and the tools that they need. The Institution provided significant practical guidance on dealing with existing safety issues such as RAAC, transfer slabs and Large Panel System (LPS) structures, as well as those associated with new technologies, via its Modern Methods of Construction (MMC) web portal.

We achieved significant progress in digital engineering this year. Our three-year Digital engineering strategy is aligned with the Institution's new organisation strategy and sets out how the Institution will support members in the use of digital tools in their current and future work to deliver safety, sustainability and productivity.

To ensure ongoing relevance, digital guidance comes with online resources that can be updated to reflect changes in software and best practice. This will keep guidance stable while allowing timely updates to examples, tools, and references.



# Sustainability

The Institution has continued to show leadership in climate action. Increasingly our activities have extended into codification and regulation. We have been mindful that all members need support as they formulate their own responses to the Climate Emergency. We have provided support through events, publications and conferences and we will continue to do so.

Through the Technical team and the work of the Climate Emergency Task Group (CETG), the Institution continues to make a major impact.

## Outreach, events, and publications

The [Climate Emergency Conference 2025](#) reflected on five years of action and attracted strong engagement from across the sector. Through CETG we:

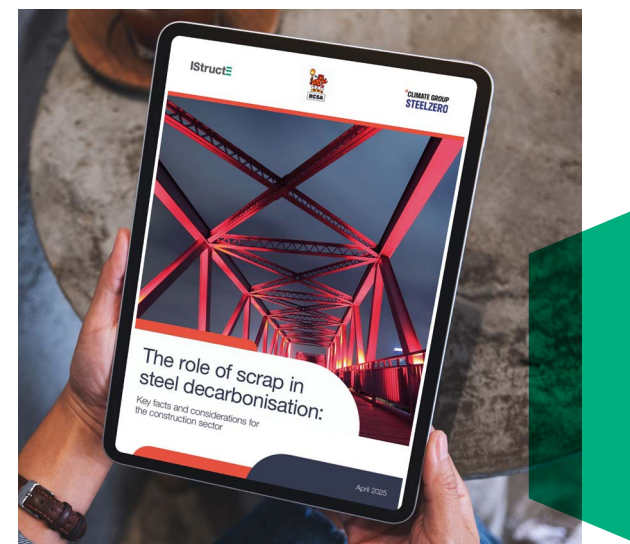
- Curated a prominent presence at key industry events, including Footprint+ (Retrofit Stage panels) and Futurebuild.
- Made regular contributions to The Structural Engineer magazine providing practical exemplars, case studies, and thought leadership on carbon-efficient design, ethics, and heritage retrofit.
- Delivered a presentation series 'Climate Action, Sustainability & Embodied Carbon' to UK and international regions. The series will continue in 2026, aiming to upskill members globally as well as highlight the Institution's leadership and resources in this area.

## Carbon competence

- [How to Calculate Embodied Carbon \(3rd Edition\)](#) and [The Structural Carbon Tool v3.0](#) were published, fully aligned with the latest [RICS Whole Life Carbon Assessment standard](#) and the updated [Inventory of Carbon and Energy \(ICE\) database](#).
- The [UK Net Zero Carbon Buildings Standard \(NZCBS\)](#) entered pilot testing. In support of this the IStructE published [UK Net Zero Carbon Buildings Standard: guidance on embodied carbon](#) in November 2025.
- CETG contributed to policy development through targeted briefings and written responses to government and parliamentary committees, advocating for embodied carbon regulation and its integration into planning frameworks.

The IStructE convened The Embodied Carbon Summit 2025 with the UK Green Building Council (UKGBC) and RICS in November which brought together industry and policymakers to discuss the main topics of the research report produced by AECOM for the Ministry of Housing Communities and Local Government (MHCLG).

The IStructE-led white paper, '[The Role of Scrap in Steel Decarbonisation](#)', launched in April. The paper provides practical recommendations for the construction sector, including design efficiency, recovery and reuse, and specification alignment. The launch attracted strong industry engagement.



## Responsible material use

The Institution continued to champion circular economy principles, promoting reuse pathways and material minimisation. This year the focus has been helping to share practical examples of reuse.

Collaboration with [The Engineer's Reuse Collective \(tERC\)](#) has supported structural engineers sharing technical knowledge about how to apply circularity in practice including projects championing steel, concrete and foundation reuse.

The Institution produced an article on [Reducing Waste](#).

## Towards regenerative design

The Institution co-hosted a four-part ethics roundtable series with the ICE, exploring climate dilemmas likely to become ethically or legally unacceptable by 2035. The question was also discussed at the July meeting of the IStructE Council. The findings were published in The Structural Engineer in September 2025. [What will no longer be OK? Ethics, engineering and the climate - The Institution of Structural Engineers](#)

The Institution also co-hosted the Towards regenerative design event with UKGBC.

The [Student Challenge](#) was launched to celebrate students' work during their degree. The Challenge invites entrants to explore opportunities for positive impacts, encouraging students to think regeneratively within their projects.



# Collaborative reporting for safer structures (CROSS)



CROSS serves society by providing early visibility of safety concerns that might otherwise go unnoticed, helping professionals address risks before harm occurs.

It also strengthens public protection by offering independent expert analysis that supports safer decisions across the built environment. The CROSS-Expert Panel brings together volunteers, including senior IStructE members, who devote their time and knowledge to serving society through the promotion of safer practice.

In addition, CROSS improves system-wide resilience by sharing learning from real incidents so that industry, regulators and government can take informed action.

CROSS operates internationally through three regional programmes: CROSS-UK, CROSS-US and CROSS-AUS.

The IStructE Australia group delivers CROSS-AUS and represents the Australasian region, while CROSS-US is operated by the Structural Engineering Institute (SEI) of the American Society of Civil Engineers (ASCE). These partnerships strengthen relationships between the IStructE and international professional communities and support the strategic goal of expanding global influence through collaboration.

CROSS continues to accept and review reports from all regions so that learning from different contexts can benefit the wider profession. All CROSS Safety Reports and Information are available globally, free of charge, which strengthens CROSS's role as an international knowledge hub.

The Building Safety Act 2022 (BSA) requires a Voluntary Occurrence Reporting system for England and Wales. After a 2025 procurement exercise, CROSS was appointed as the operator for three years, extendable to five. This follows seven years of collaboration between the IStructE, ICE and the Institution of Fire Engineers (IFE), advancing Dame Judith Hackitt's post-Grenfell recommendation to expand CROSS into fire safety reporting.



# Structural Engineers Registration (SER)

SER, a wholly owned trading subsidiary of the Institution, ensures safe building design through its government-mandated regulatory role in Scotland and Jersey, providing assurance that structural designs comply with building regulations.

SER protects the public by certifying only experienced Chartered Engineers who undergo rigorous assessment to demonstrate competence in safe, sustainable design.

It strengthens community safety through comprehensive oversight, reviewing thousands of certificates, and by auditing practitioners to identify risks early and promote continuous improvement across the profession.

Through its activities, SER promotes a strong safety culture across the structural engineering community in line with the mission of the Institution of Structural Engineers.



# Supporting our membership

The Institution of Structural Engineers offers significant professional and developmental benefits for those who are pursuing excellence in structural engineering.

Our qualifications are widely recognised validation of a member's skills and their professional standards. This gives employers and clients reassurance about competence and ethical approach.

## Members can access a comprehensive suite of benefits, including:

- **Global professional recognition**, demonstrating high standards and technical excellence
- **Extensive learning resources** including training, events and technical guidance – many of which are free or heavily discounted to members
- **Strong professional network** via Regional Groups, local Hubs, events and the IStructE online community
- **Platform to demonstrate expertise** by joining the Institution's committees and panels
- **Opportunities to achieve industry recognition** through awards, publications and presenting insights at events, webinars and conferences
- **Association with the Institution brand** through licensing

The Institution also works with a range of partners to offer business services specifically designed with the needs of engineering practices in mind. These include:

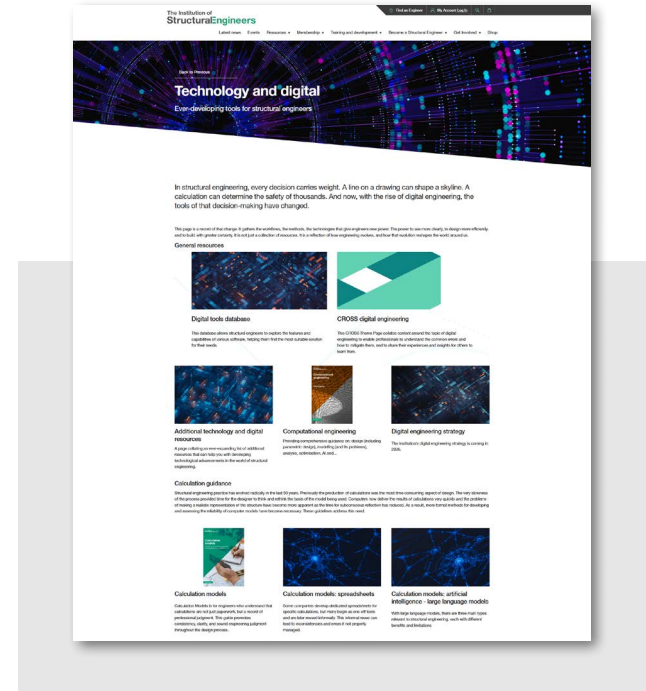
- Professional Indemnity insurance
- Recruitment services
- Cybersecurity services

IStructE operates a Benevolent Fund to support Members or their dependants in need.

## Regional Groups and Volunteers

Volunteers play an essential role in the running of the Institution. Our members volunteer in different ways and the Institution continued to deliver its activities through a close partnership between volunteer leaders and the professional staff team. This collaboration is central to the Institution's ability to support its members, maintain professional standards, and advance structural engineering knowledge and practice internationally.

Through the various panels and committees, volunteers set standards for professional membership, assess candidates against those standards, check that standards are applied consistently and review standards to ensure they remain relevant in an ever-changing profession. The Institution is fortunate to have a dedicated team of members who review and accredit academic programmes, undertake the Professional Review Interviews, mark examination papers and undertake the assessment of CPD returns. An important part of Institution membership is adherence to our Code of Conduct and ethical



Mohamad Al-Dah  
Institution President 2025

framework. Members serving on the Professional Conduct Committee continued to promote and raise awareness of the Code of Conduct, setting out the professional behaviour we expect of members. The Committee has an important role in reviewing complaints that are made against members and issuing guidance to ensure our members continue to uphold the highest standards.

The Institution continued to support members via the Regional Group and Hub structure with the help of our volunteer members. A new handbook was issued to support the Regional Groups in organising events and sharing best practice.

The Institution is grateful to the many members who contribute their time and expertise through governance and volunteer roles. Their commitment plays a vital role in supporting the Institution's work and ensuring that it continues to serve the profession and wider society.

## Policy engagement

The Institution also advocates for the profession to government and other stakeholders, highlighting the need for professionally qualified, competent structural engineers.

The Institution has been very active in responding to the issues arising from the Grenfell Tower fire. Significant work has been undertaken to support members and industry in understanding the implications of the Building Safety Act 2022 and [extensive guidance](#) was published.

The Institution engaged with the Ministry of Housing, Communities and Local Government (MHCLG) and other stakeholders, including the Engineering Council and Construction Industry Council, to respond to the UK Government's plans to introduce a Single Construction Regulator. The Institution is clear that only those who have demonstrated competence

and professional behaviours through independent, robust assessment should be permitted to undertake critical roles. As such the Institution is calling for the government to protect titles and introduce reserved functions. Other highlights included:

- The Institution's representative co-chairing the Industry Competence Steering Group (ICSG) Working Group 3 (Engineers), which has significant influence on industry competence policy.
- Having previously provided a response to the UK Government's consultation on 'How to build 1.5 million quality homes', the Institution was invited to give oral evidence to the All-Party Parliamentary Group on Excellence in the Built Environment.
- Oral evidence was given to the House of Commons Education Committee in October as part of its inquiry into the Department of Education's response to the RAAC crisis in schools in 2023, and wider issues affecting the school estate.



# International collaboration & partnerships

## United States

The Institution continued to review Mutual Recognition Agreements with international partners to facilitate professional mobility. As part of the Engineering Council, an agreement was signed with the National Council of Examiners for Engineering and Surveying (NCEES) in the US, which will allow professional recognition between the Institution and selected US states.

## Africa

The Pan African Knowledge Partnership is a landmark collaboration between the Institution of Structural Engineers and the Commonwealth Engineers' Council launched in 2025. The initiative is designed to strengthen structural engineering capacity across Africa.

Through the initiative, African Professional Engineering Institutions were offered free access to guidance, climate focused design tools and over 100 on-demand CPD events. Two free webinars helped introduce and deepen engagement with the initiative and were attended by engineers across 17 countries in the African continent.


By sharing global expertise and supporting local professional development, the partnership helps engineers deliver safer, more resilient and sustainable infrastructure for rapidly growing communities.

## Middle-East

In the United Arab Emirates (UAE), two Memoranda of Understanding (MoU) were signed: one with the Society of Engineers – UAE and another with the Emirates Green Building Council. These strengthen the Institution's international partnerships.

## Europe

The Institution held a second joint conference with L'Ecole Nationale des Ponts et Chausees for the French engineering community in Paris. The conference further increased the Institution's profile in France.



**A new chapter for structural engineers in Zimbabwe**

We are proud to announce that the Zimbabwean Institution of Structural Engineers (ZIE) is now a Group Affiliate Member of The Institution of Structural Engineers (IStructE).

This exciting partnership gives ZIE members direct access to the world's leading professional body for structural engineering – opening doors to global knowledge, support, and recognition.

As a ZIE member, you are entitled to reduced rates for IStructE Affiliate membership, which includes:

- The current issue of *The Structural Engineer* online
- Member's discount on publications and courses - usually about 50%
- Regional Group networking opportunities
- Invitation to your local and Institution HQ events
- Access to livestreamed lectures
- Monthly Institution eNews
- Living in and access to Members' Directory
- Free access to the *Embodied carbon basics* on-demand course
- Access to *E-Library* and *IBI Knowledge*

**Affordable access**

IStructE offers a 60% discount for individuals earning less than £18,000 per year, making membership even more accessible.

**Standard:** £34 annual subscription (undiscounted rate)  
**Enhanced:** £54 annual subscription (undiscounted rate)

[CLICK TO JOIN NOW](#)

**Want to know more?**

Join us for an **online launch event on Monday, 16 September**, where we'll officially mark this milestone and show how you can benefit from IStructE membership.

**Date:** 16 September 2025  
**Time:** 10:00-16:00 BST  
**Location:** Online (link provided upon registration)

Don't miss this opportunity to connect, learn, and celebrate the future of structural engineering in Zimbabwe.

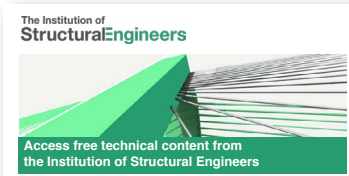
[BOOK NOW](#)

For more information or support, contact us at: [\[Insert contact email\]](#)

Together, we're building stronger careers and a stronger profession.

Warm regards,

[Your Name]  
[Your Title / Position]  
Zimbabwean Institution of Structural Engineers (ZIE)  
[Contact Information]



**Access free technical content from the Institution of Structural Engineers**

Following the recent free webinar: **Pan-African knowledge partnership: strengthening engineering capacity through global collaboration** – which heralded the launch of a project between the Institution of Structural Engineers (IStructE) and the Commonwealth Engineers' Council (CEC) to share and co-create engineering expertise towards a sustainable built environment – the IStructE is delighted to offer all members of the Institution of Engineers of Kenya (IEK) free online access to some of its most respected technical resources.

IEK members can now access the IStructE's Technical Guidance Notes and Essential Knowledge Texts free of charge, simply by registering via the [IStructE website](#).

- 1) Visit <https://www.istructe.org/my-account/> and click Register to create a free IStructE account.
- 2) Access the IStructE Shop via:  
<https://www.istructe.org/resources/guidance/gpn-level-1-35-volume-package/> or  
<https://www.istructe.org/resources/guidance/gpn-level-1-35-volume-package-1Y/> or  
<https://www.istructe.org/resources/guidance/essential-knowledge-series-19-volume-package/> and add the required items to your basket.
- 3) During checkout make sure you add the 100% discount code **PASEKP\_IEK** to receive your items for free.
- 4) You'll receive a confirmation email containing links to your free items, or you can visit <https://myaccount.istructe.org/purchase-history.html> to view all the links in one place.

Enquiries relating to the Pan-African Knowledge Partnership and accessing IStructE resources should be submitted to: [share@istructe.org](mailto:share@istructe.org)

**Technical Guidance Notes**

Technical Guidance Notes have been conceived to provide technical guidance to both undergraduates and those in the early stages of their careers.

Level 1 aims to provide sound foundations from which design skills can be developed, by focusing on basic structural engineering fundamentals.

Level 2 guides build on what has been described previously in the Level 1 series. The topics covered at Level 2 are of a more complex nature, as they typically deal with the design of elements as opposed to core concepts such as loading and stability.

Level 3 notes cover more complex topics that assume greater prior knowledge. As a rough guide, each Level 3 note assumes the reader is fully conversant with any relevant Level 1 and 2 notes that precede it.

**Essential Knowledge Texts**

This 19-part series introduces a range of structural engineering aspects; from approximate analysis to stability and dynamics.

[in](#) [f](#) [x](#) [v](#) [i](#)

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# Academic engagement

The Institution has strong relationships with academia throughout the world. As a member of the Joint Board of Moderators (JBM) we continue to set academic standards, which form the basis for professional membership.

Equally academia plays an important role in Institution activities with academics contributing to panels and committees, supporting the annual Young Researchers Conference, submitting articles to magazines and journals, promoting Institution membership and driving the profession forward through their research and teaching activity.

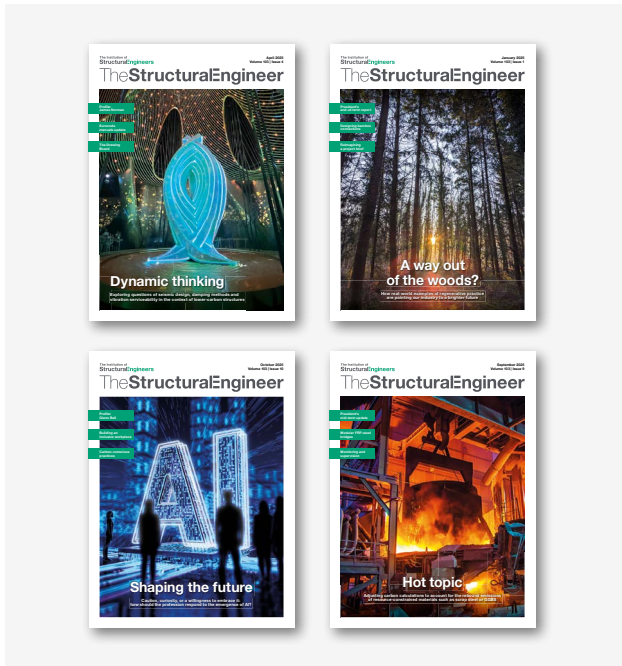


# Publications, CPD and events

## The Structural Engineer

11 issues of the Institution's flagship publication supported the organisation's goal of developing members' competence, through a wide range of technical articles and case studies. Key topics covered included timber-frame construction, seismic design and the impact of artificial intelligence on the profession.

With members now offered a choice of whether to receive printed copies of The Structural Engineer, 1,687 went digital-only in 2025, reducing the environmental impact of the magazine.

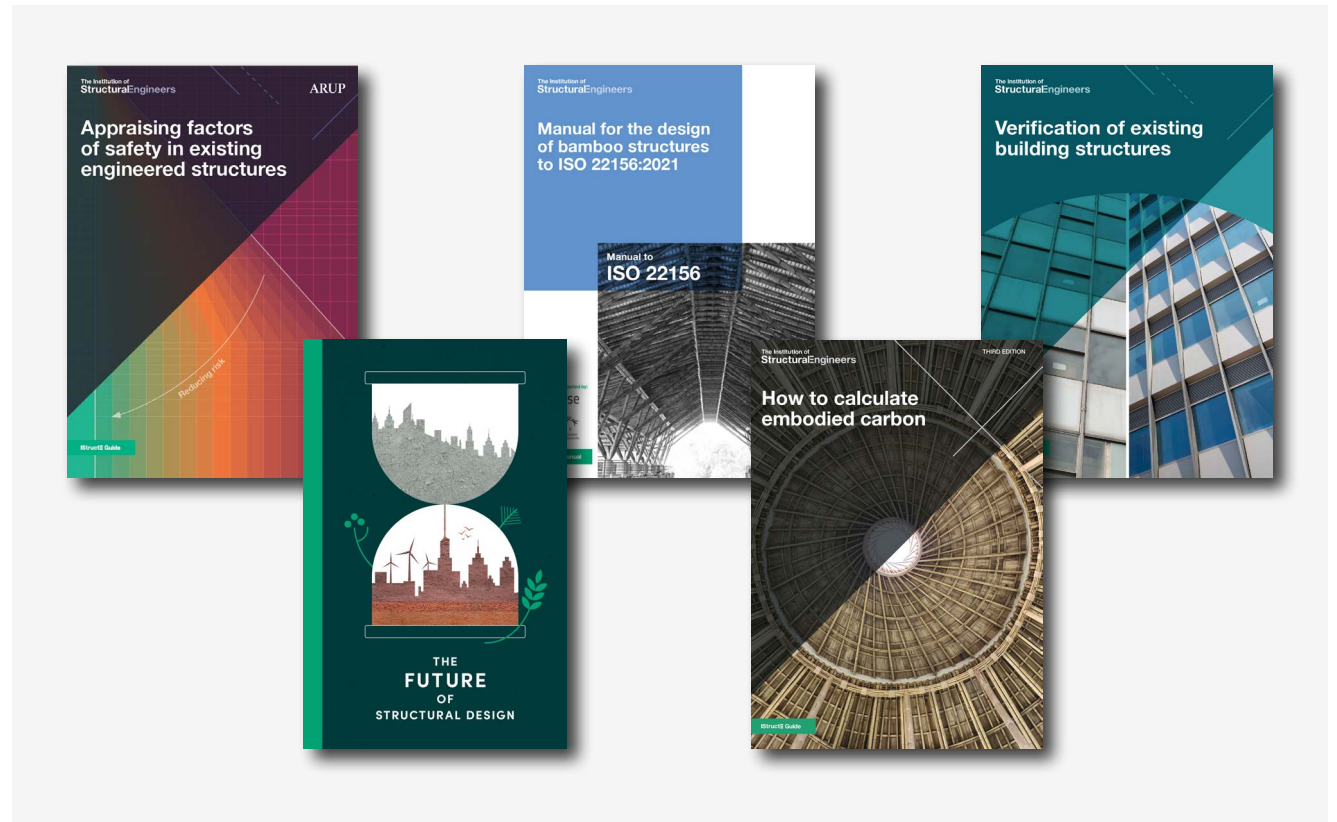


## Manuals and guides

Four new titles and a revised edition were published:

- two with a focus on reusing existing buildings – [Verification of existing building structures](#) and [Appraising factors of safety in existing engineered structures](#)

- the first comprehensive structural engineering guidance on bamboo engineering, the [Manual for the design of bamboo structures to ISO 22156:2021](#)
- [How to calculate embodied carbon \(3rd ed\)](#) and thought leadership guidance on [The future of structural design](#)



## Structures

The Institution's research journal continued its rapid growth in 2025. The robust quality standards that the journal applies saw only 25% of manuscripts accepted, resulting in 2,876 papers being published and an increase in the journal's Impact Factor to 4.3. Downloads of Structures papers also rose by 25% to 2.5 million.



## Continuous Professional Development and events

IStructE's professional development and events strengthen society by helping to create safer communities, resilient infrastructure and a more sustainable built environment.

Events are a vital forum for connection and knowledge sharing. The 2025 events and training programme continued to bring engineers and collaborators together through a dynamic mix of conferences, lectures, workshops and online learning opportunities. Almost 7,500 people participated in training and events across the year.

The flagship CPD training programme saw strong engagement. 84 courses were delivered, enabling practitioners at every career stage to access structured learning in core technical areas, leadership, and business practice. A new on-demand course, [Fire design principles for structural engineers](#) was launched and provides a valuable and accessible resource for engineers to increase their competence in this critical topic.

HQ organised and delivered 46 events. Highlights included The role of scrap in steel report launch, Hollow pots: construction and assessment, and the Managing existing buildings conference. Two webinars were delivered as part of the Pan-African Knowledge Exchange partnership, further increasing our international engagement.

Across all activity, our focus stayed firmly on strengthening collective expertise and supporting the profession to meet the challenges ahead with confidence.



# Professional competence

## Pathway to professional qualifications

The Institution has a long tradition of setting the highest standards in educational, training and professional assessment requirements. Standards are reviewed and updated on a regular basis.

## Accrediting qualifications

The Institution supports universities and colleges in delivering high-quality academic programmes through its accreditation activities. Through the JBM, and alongside the ICE, Chartered Institution of Highways and Transportation (CIHT), Institute of Highway Engineers (IHE) and Permanent Way Institution (PWI), we ensure programmes of study are in place that provide the underpinning knowledge and understanding to allow graduates to develop into professionally qualified engineers.

The Institution, through the JBM, sets academic standards which are followed by universities and are recognised around the world. The majority of accreditation activities are in the UK, although the JBM does accredit some programmes delivered internationally. More importantly the courses accredited by the JBM are recognised by the Engineering Council and, in turn, are listed in several international recognition agreements eg the Washington Accord and European Engineering Education Database.

Recognition of our accredited programmes through these international agreements ensures our members' academic qualifications are recognised around the world, which in turn helps facilitate professional mobility.

## Initial Professional Development

In 2025 the JBM reviewed its accreditation guidelines and the Institution launched revised Initial Professional Development (IPD) Regulations for Technician and Incorporated membership. The Institution is inclusive and provides routes to membership that are accessible to all and, as such, guidance for candidates pursuing membership through the Research and Development route were also updated.

There was an increase in candidates applying for their Professional Review Interview and candidate numbers in the Chartered Examination remained strong.

2025 saw continued growth in the Associate (AIStructE) grade. Launched in 2023, this grade is designed for Graduate members who have satisfied the Chartered academic and PRI requirements. Associates are eligible to register with the Engineering Council as Chartered Engineers (CEng).

The Associate route is an opportunity for experienced graduates to demonstrate their professional competence, and gain recognition, before progressing to the Chartered Examination and the Member (MIStructE) grade. This route increases accessibility and provides a grade for engineers working in parts of the profession that are not assessed within the Examination.

The Institution also supported candidates applying for the Chartered Membership Examination. Additional guidance was produced including past papers, Chief Examiner reports and new critiqued questions setting out the standards that are expected of candidates, through the review of actual scripts.

The Institution recognises that members may choose to specialise in their careers. We have worked with organisations to develop registers to recognise these specialist skills eg [Conservation Accreditation Register of Engineers](#) (CARE), [Expert Witness Register](#) and [Chartered Environmentalist](#) (CEng). In 2025, working alongside the ICE we added the [Higher Risk Buildings \(HRBs\) register](#).

Our professional qualifications continue to be recognised around the world through a series of Recognition Agreements. In 2025 the Institution successfully renewed its licence to provide an assessment scheme for the Board of Professional Engineers of Queensland (BPEQ) Australia, in accordance with the Professional Engineers Act of 2002.

## Standards of practice

The Institution continued to review its standards and assessment processes to ensure they are robust and reflect current practice. Revised sets of Initial Professional Development (IPD) Regulations for Incorporated and Technician members were issued, alongside updated Regulations for candidates applying through the Research and Development Route.

The Institution reviewed its Disciplinary Rules and Regulations to ensure the process was robust, efficient and as flexible as possible.

# Recognising excellence

The Structural Awards		
Project	Structural Designer	Awarded for
Central Station Metro	Aurecon and GHD Joint Venture (AGJV)	Supreme Award for Structural Engineering Excellence
Airedale General Hospital RAAC remediation programme	Curtins	An outstanding, people-centric example of advancing the industry's response to RAAC remediation.
Central Station Metro	Aurecon and GHD Joint Venture (AGJV)	Exceptional ingenuity and technical excellence delivered in a live, high-risk environment through engineering leadership.
Fern the Diplodocus	Structure Workshop	Structural ingenuity showcasing the creativity of the profession.
La Pêche Town Hall	Latéral	Elegant detailing, and an intelligent and striking use of mass timber.
Limberlost Place	Fast + Epp Structural Engineers	Cross-academia-industry innovation, elevating composite mass timber to inspire future building designers.
Oder Railroad Bridge	schlaich bergemann partner (sbp)	The elegant and unique combination of materials in a landmark network arch bridge.
Shanghai Greenhouse project	Arplus Institute of Shanghai Architectural Design & Research Co., Ltd	Imaginative structural intervention combining new and old to dramatic effect.
Tekakapimek Contact Station	Atelier One	Regenerative design using indigenous knowledge, materials and construction techniques for maximum social impact.
The Acre	Arup	Showcasing excellence in large-scale city-centre retrofits.
The Heathland School welfare centre	Webb Yates Engineers	A commitment to natural, renewable materials and community engagement.
Toronto Western Hospital Noventa Energy transfer station	R.V. Anderson Associates	Outstanding collaboration and delivery on a complex infrastructure project in the pursuit of sustainable energy.



**The People Awards** – The People Awards are presented to specific individuals for their exceptional contribution, either to the Institution or to the wider structural engineering profession.

Award	Awarded for
<b>Lewis Kent Award</b>	<b>personal services by a member to the Institution or the profession.</b>
Edward Christiaan Clark	His dedicated service to the institution over a period of many years
Charlotte Emma Rouke	Her dedicated service to the institution over a period of many years
Angus Bennet Palmer	His dedicated service to the institution over a period of many years
Charlotte Wildman	Her dedicated service to the institution over a period of many years
<b>Service Award</b>	<b>services to the Institution at a regional group level, as an Institution representative or in some other capacity.</b>
David Jeremy Bray	His much valued and extensive support of the devon and cornwall regional group over a period of many years
Robert John Moss	His much valued and extensive support of the east midlands regional group over a period of many years
Anil Kumar	His much valued and extensive support of the south eastern counties regional group over a period of many years
Nicola Jayne Stockbridge	Her much valued and extensive support of the wales regional group over a period of many years
Robert Bell	His much valued and extensive support of the aberdeen and offshore regional group over a period of many years
<b>Lifetime Achievement Award</b>	<b>To celebrate an individual's particular commitment and longevity in a specific area of work.</b>
Susan Giahi Broadbent	Her significant contribution over many years to the institution, including her extensive and significant contribution to professional development
<b>Keith Eaton International Award</b>	<b>To recognise outstanding contributions from members in supporting the Institution's international growth and development.</b>
Zhengxia Cong	Her work to increase engagement in the profession and membership growth in singapore
<b>President's Award</b>	
Simon Jeremy Pitchers	His active and enthusiastic promotion of structural engineering over many decades; for being an outward facing voice for structural engineering within television and the wider media, as well as a long serving contributor to the institution through his membership and activities within council, board and committees
<b>Young Structural Engineering Professional Award</b>	<b>young professionals in structural engineering who demonstrate outstanding performance and show exceptional promise for the future</b>
Andrew Smith	Winner
Behnam Behzadi-Sofiani	Runner-up
<b>Excellence in Structural Engineering Education Award</b>	<b>in recognition of individuals committed to teaching and passing on their wisdom in the field of structural engineering</b>
Joe Gattas	Winner - for the paper 'Confirming with the recipient'
Jaehoon Bae	Commendation - for the paper 'Rethink: Enhancing Structural Engineering Education through Innovation: The Advanced Convergence Structure Courses'

**The Paper Awards** – recognising the best work published in The Structural Engineer and Structures magazine each year, as well as the best lectures given at HQ or around our Regional Groups. They reward excellence in technical content and the hard work of the authors and presenters.

Award	Awarded for
<b>Murray Buxton Award</b>	<b>Papers of general interest, rather than relating to structural engineering research, in the structural engineer publication</b>
Stephen John Baker and Matthew James Penellum (medal)	Restoration of the Elizabeth Tower: pairing tradition and modernity at the Houses of Parliament, published in The Structural Engineer in March 2024
Gabriel Marques Lopes, João Augusto Moreira Lopes Alves, Pedro Miranda Lopes, Aires Manuel Silva Colaço and Joaquim Carlos Moreira Lopes (diploma)	The Arena Liga Portugal: aiming for SMART design, published in The Structural Engineer in October 2024
<b>Guthrie Brown Award</b>	<b>Papers published in The Structural Engineer written by a member or members under 40 years of age</b>
Nipun Devinda Wijegunasekera and Jayawardena Arachchige Pasindu Madusha Perera	Detailing for durability – an introduction
<b>Derrington Construction Award</b>	<b>Papers deemed to refer to construction and/or health and safety, published in The Structural Engineer during the year</b>
Charlotte Taylor and William Hawkins	Holistic regenerative design: the Common House by Common Practice
Nigel Ostime (diploma)	An introduction to modern methods of construction
<b>Husband Prize</b>	<b>Papers of merit related to bridges</b>
Alfred Jacquemot, Robert Nilsson, Timothy Lucas, Thomas Randall-Page and David Furnival Knight	Cody Dock Rolling Bridge, London – innovation through collaboration
<b>Clancy Prize</b>	<b>Papers of merit related to the understanding and practice of the whole life management of structures, including surveys, investigations, strategic planning, testing and subsequent works to the structure</b>
Gerard Francis Pegram	Conservation compendium. Part 19: Care of churches – inspection, assessment and repair
<b>Oscar Faber Award</b>	<b>Papers presented for discussion at Evening Meetings or colloquia of the Institution during the year</b>
Gerald Epp	Touching lightly: the Nancy Pauw Bridge
Andrew Lawrence, Andrew Smith and Andrew Rolf (diploma)	Assessment of existing structures safety tool
<b>Sir Arnold Waters Medal</b>	<b>Papers, written by an author or authors who are 28 years of age or under, on a topic chosen by the President</b>
Claire Young	Sustainable Structural Design in the Face of a Climate Emergency
Paul Livesey	An Introduction to Collaborative Reporting for Safer Structures

## The Paper Awards – continued...

Award	Awarded for
<b>Kenneth Severn Award</b>	<b>Papers, written by an author or authors who are 28 years of age or under, on a topic chosen by the President</b>
Pallavi Achanta	Winner
Dana Al Kattan	Commendation
Sean Allan	Commendation
<b>Structures - Best Research Paper Prize</b>	
Mingzhu Chen, Wouter De Corte, Haibo Jiang, Luc Taerwe <i>Structures journal, 2024, Vol. 61, 106006</i>	Experimental study on direct-shear behaviour of narrow joints in socket connections for precast pier-to-pile footing systems
<b>Structures - Best Research into Practice Paper Prize</b>	
Kamil Riedel, Robert Vollum, Bassam Izzuddin, Glen Rust <i>Structures journal, 2024, Vol. 59, 105689</i>	Robustness assessment of precast concrete connections using component-based modelling

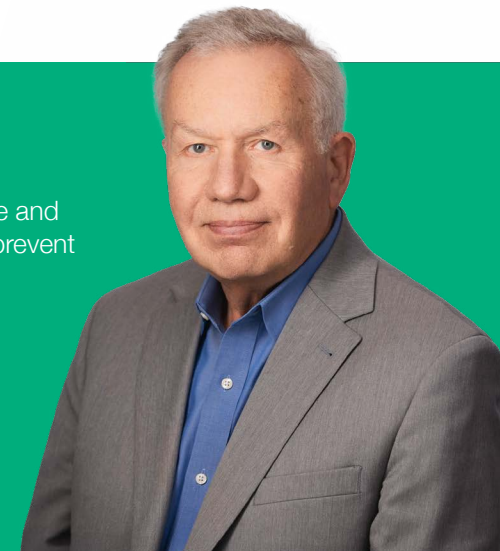
## Gold Medal

The Institution's Gold Medal, the highest award for exceptional personal contributions to the advancement of structural engineering, was awarded in 2025 to Glenn Bell.

Glenn was recognised for a distinguished career spanning more than five decades and for his significant contributions to structural safety and forensic engineering. His work has played an important role in

advancing understanding of structural failure and strengthening engineering practice to help prevent future tragedies.

In his Gold Medal address, Glenn reflected on the importance of learning from failure and the responsibility engineers carry in safeguarding the built environment.



GOLD MEDAL  
**Glenn Bell**

# EDI and Elevate

The Institution continued to promote equity, diversity and inclusion (EDI) across the structural engineering community and the wider built environment. Elevate, the Institution's member mentoring programme, continued to grow as a valuable source of career support, personal development and professional connection, with a significant increase in active mentoring partnerships during 2025. The programme's impact was further highlighted through case study interviews published on the mentoring webpage, showcasing participation across a broad range of membership grades and regions, and through a global webinar where mentors and mentees shared the benefits of structured mentoring.

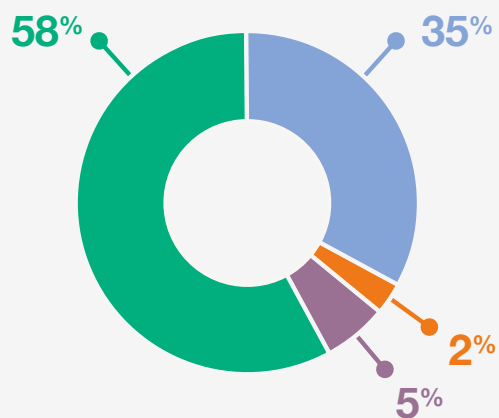
The EDI Working Group, working with the EDI Steering Committee, continued to support accessibility, diversity and inclusion across the profession. International engagement also remained important, with the President and Chief Executive attending the SESOC conference in New Zealand, where the President delivered a keynote speech and the Chief Executive joined a panel discussion on the importance of EDI within the built environment.



# Financial results

Most of our income comes from membership subscriptions and trading subsidiaries. In 2025, these sources accounted for 93% of all total revenue. This represents a 2% increase on 2024.

## Income

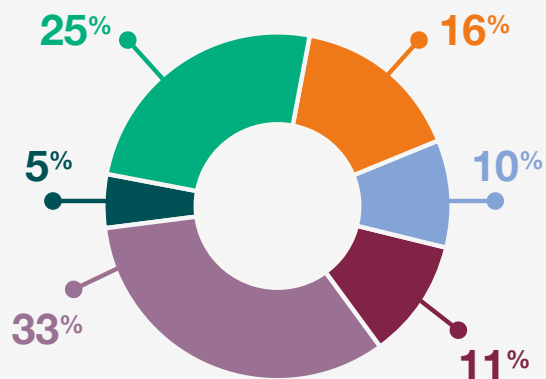


### Key

- Membership subscriptions
- Trading companies
- Learning, development and examinations
- Other activities and donations

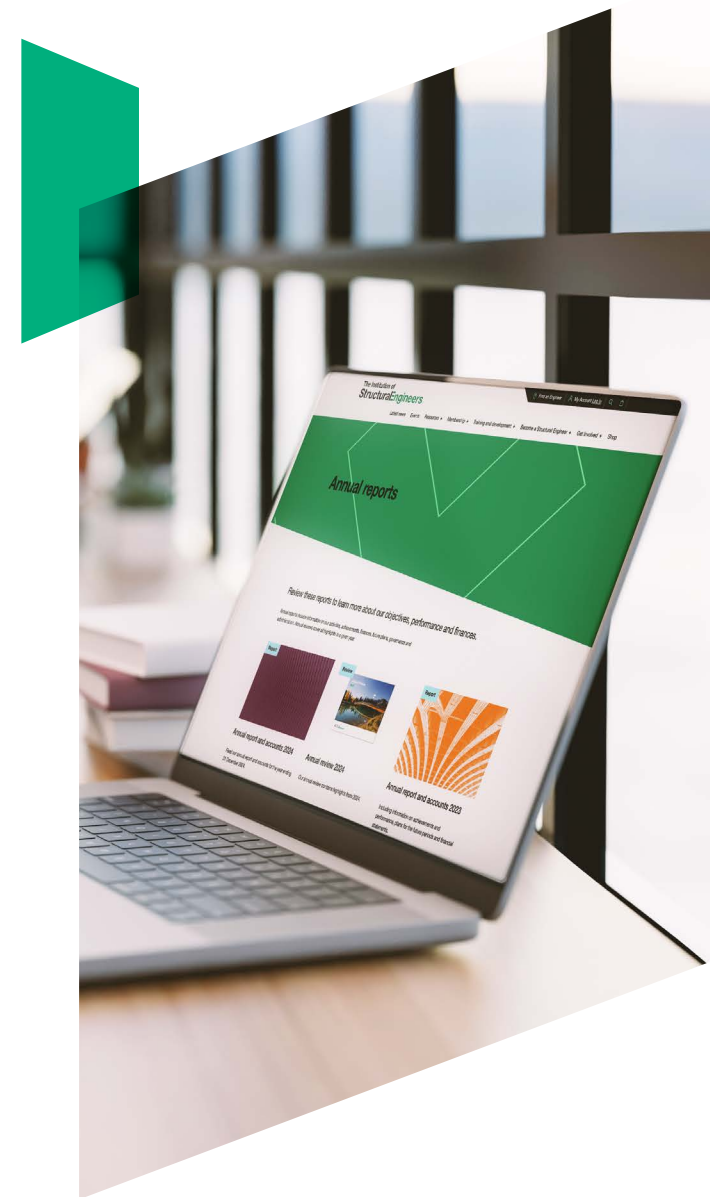
The provision of membership, learning, development and examinations was the largest area of expenditure in 2025, accounting for 33% of total spend. This represents a 3% increase on 2024.

## Expenditure



### Key

- Learning, Development and Examinations
- Trading companies
- Digital transformation and IT
- Other staff and employment costs
- Other operating costs
- Depreciation





**Image –**  
Oder Railroad Bridge

Winner of the Structural Award for the elegant and unique combination of materials in a landmark network arch bridge  
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The Institution of  
**StructuralEngineers**

**Cover image –**

Limberlost Place, Ontario

Winner of the Structural award  
for cross-academia-industry  
innovation, elevating composite  
mass timber to inspire future  
building designers

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