

# WELCOME TO CIBSE

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## **CIBSE Membership**

With over 20,000 members in 90 countries around the world, CIBSE's members belong to a global network of professional support and expertise. Whether you are in the early stages of your career, are an established building services engineer, or are one of the many other professionals working to deliver excellence in the built environment, CIBSE is here for you.

We are passionate about providing better building services, better building performance and a better future for coming generations; together, we can make a difference.



## What we do

The Chartered Institution of Building Services Engineers (CIBSE) is the professional body that exists to:

'Support the Science, Art and Practice of building services engineering, by providing our members and the public with first class information and education services and promoting the spirit of fellowship which guides our work.'

CIBSE promotes the career of building services engineering and works to attract the best young talent to join the profession. We achieve this through accrediting courses of study in further and higher education, by approving work based training programmes and providing routes to full professional Registration and Membership, including Chartered Engineer, Incorporated Engineer and Engineering Technician.

CIBSE equips individuals to succeed by providing world class knowledge resources, opportunities to network and expert professional and personal support. The Institution publishes Guidance and Codes which are internationally recognised as authoritative, and sets the criteria for best practice in the profession. Our members give us the authority to speak on their behalf and, as a result, we have a significant global influence on government and policy makers on matters relating to construction, engineering and sustainability.



## Grades of membership

Our range of membership grades means that there is a level to suit everyone, whatever their experience or qualifications.

#### **Affiliate Grade**

Membership for those with an interest in the building services industry. No entry requirements.

www.cibse.org/affiliate

#### Student Grade

CIBSE student membership is for those currently registered on an engineering course of study. www.cibse.org/student

#### **Graduate Grade**

A transitional grade for those who are working towards the Associate (ACIBSE) or Member (MCIBSE) grade. www.cibse.org/graduate

#### Licentiate Grade

For Technicians involved in applying creative aptitudes and skills within defined fields of technology. www.cibse.org/licentiate

#### Associate Grade

For those at management level with the ability to act as an exponent of today's technology through creativity and innovation. www.cibse.org/associate

#### Member Grade

For engineers engaged in technical and commercial leadership, optimising existing and emerging technology. www.cibse.org/member

#### **Fellow Grade**

For professional engineers contributing to the industry in a senior role with significant autonomy and responsibility. www.cibse.org/fellow

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## The benefits of belonging

Whether your field is energy efficiency, heating and ventilation, lighting, public health, commissioning or facilities management, membership of CIBSE can help support you on a day to day basis and help you develop professionally within the building services industry.

#### **CIBSE** Journal



members enjoy FREE subscription to the leading monthly magazine for building services engineers and related professionals internationally. The Journal

provides all the news, analysis, comment, features, technical articles, regulatory advice and learning tools needed by the wide range of professionals working in the built environment.

The Journal has fully searchable online content, making it even easier for you to browse dozens of CPDs and webinars, the latest news articles, features and case studies, as well as a large digital archive filled with back issues of the CIBSE Journal. www.cibsejournal.com

#### **Knowledge Portal**

The CIBSE Knowledge Portal (KP) is a comprehensive reference tool that gives members free and unlimited access to search, view online and download the full range of CIBSE published guidance. This includes all the CIBSE Guides, Commissioning Codes, Applications Manuals, Technical Memoranda, CIBSE Knowledge Series, Lighting Guides, Codes of Practice and Research Journals. The Knowledge Portal also provides links to other publications and to thousands of abstracts of British Standards, carefully selected to be directly relevant to building services engineers.

www.cibse.org/knowledge



#### **CIBSE Website**

With technology changing at an unprecedented rate and the growing pressures of a 24/7 world, we know it is more important than ever to deliver value to members through our digital resources. The website is the first port of call for building services engineering information, providing advice and support to you, your clients, all those working in the built environment and the public. You can also log into the MyCIBSE area of the site to update your details, manage your CPD, access your Knowledge Portal downloads, view receipts and pay your subscription. www.cibse.org/my-cibse

#### Webinars

The CIBSE Journal provides a number of webinars throughout the year, focussing on a wide range of technical issues and industry related hot topics.

#### Membership Upgrade Support

CIBSE Membership provide a range of support initiatives focusing on the application and interview process for corporate grades of membership. Workshops, regional briefing sessions, application surgeries and webinars provide an excellent opportunity for you to discuss joining and progressing membership with CIBSE staff and registered interviewers. www.cibse.org/briefings

#### **CIBSE** online community

Keep track of the latest developments in the built environment and contribute to CIBSE discussions and debates through a variety of social media platforms.

#### **Social Media**

@CIBSE has attracted over 45,000 followers across Twitter, LinkedIn, Facebook and Instagram. Follow us to keep up to date with the latest news, developments and events in the industry. These platforms also provide a forum to post questions and start discussions with other built environment professionals.

#### YouTube

The CIBSE channel showcases video highlights from events including the Building Performance Awards, the Young Engineers' Awards, and the launch of new Guides. It also provides a platform for sharing interviews and lectures from CIBSE conferences. www.cibse.org/youtube

#### Blog

Visit the CIBSE blog, a home for updates and insights from CIBSE members and others. The blog shares research findings and offers perspective through interview and guest posts from industry experts. www.cibseblog.co.uk

#### **President's blog**

The CIBSE president offers a personal insight into the role, as well as discussing the major topics affecting building services engineering. www.cibsepresidentblog.co.uk



#### **Technical Journals**

CIBSE members also benefit from free online access to CIBSE's two technical Journals: Building Services Engineering Research and Technology Journal (BSER&T) and Lighting, Research & Technology Journal (LR&T), both of which can be accessed via the Knowledge Portal. www.cibse.org/technicaljournals

#### **Networks**

CIBSE is a global network of professional support and expertise. A full programme of meetings and events each year offers hundreds of opportunities to meet and learn from colleagues and experts, to explore new ideas and take part in continuing professional development (CPD).

#### **YEN – Young Engineers Network** A group of regional centres that aim to provide a forum and support network for young engineers within CIBSE.

#### WiBSE – Women in Building Services Engineering

www.cibse.org/yen

The WiBSE network supports and encourages women joining, working, staying and progressing in the building services industry. We are proud that the proportion of female members and registrants within CIBSE is steadily rising. www.cibse.org/wibse

#### **Member Newsletter**

Each month CIBSE members will receive an electronic copy of the CIBSE newsletter, providing the latest news, events and information from across CIBSE.

#### Training

CIBSE runs hundreds of events, conferences, short CPD courses and other training for building services professionals and energy assessors, all of which are available to CIBSE members, at preferential rates.

Due to an increase in demand for flexible and blended learning, CIBSE Training has introduced its new Online Learning platform. Designed by a collaborative group of key building services consultancies and contractors, the Online Learning Modules offer a practical, flexible and convenient alternative to classroom courses. www.cibse.org/training

#### Regions



HONG KONG

AUSTRALIA

NEW ZEALAND

## Expanding internationally

CIBSE is an international Institution, with members based all over the world. We recognise that engineers increasingly travel far and wide for their work and that it is more vital than ever that CIBSE has a strong presence in this global market; encouraging our members to come together as an international community.

The Institution is organised on a regional basis – there are 16 regions in the UK and 4 overseas, in the Republic of Ireland, Australia & New Zealand, Hong Kong and the United Arab Emirates. We are working closely with country representatives in Canada, People's Republic of China, Qatar, Singapore, and Sri Lanka to further develop CIBSE internationally.

Find out more about the events and activities scheduled in your region by visiting www.cibse.org/regions

#### **Societies**

Key sectors of the building services industry are represented within CIBSE by professional bodies that offer professional recognition to their members and support the science, art and practice of their field. CIBSE members are able to join any of these bodies:



The Society of Light and Lighting

#### The Society of Light and Lighting SLL is recognised as an authority on

light, lighting, and its application. As a learned body, SLL promotes education and knowledge transfer in a variety of ways, with seminars and events all year round. Open to anyone with an interest in light and lighting, designers, engineers, students, manufacturers and many more contribute to and are members of the SLL. www.cibse.org/sll



#### **Society of Digital Engineering**

The Society of Digital Engineering (SDE) has been formed to provide a home for those involved in digitising the built environment, either as designers, contractors, manufacturers, clients, facilities managers or software vendors. Membership is open to all those involved in digital engineering, building information modelling, software for design and analysis of buildings, computer aided facility management and any other related activities. www.cibse.org/sde

## SFE

#### The Society of Façade Engineering

The SFE brings together architects, façade engineers, building services engineers, structural engineers and contractors in a forum where they can work together to advance knowledge and practice in façade engineering, promote good practice and ensure that today's increasingly complex building façades meet the many and varying performance criteria. In particular, it addresses the complex issues in the building physics of thermal insulation, ventilation, lighting, solar control and acoustics. www.cibse.org/sfe



## The Institute of Local Exhaust Ventilation Engineers

ILEVE has been established to promote air quality in the workplace and to reduce ill health and death due to airborne contamination and hazardous substances in the working environment. The Institute exists to recognise competence in the practical application of local exhaust ventilation and to raise awareness of the importance of good air quality and ventilation in workplaces. ILEVE is supported by the Health and Safety Executive.

www.cibse.org/ILEVE

#### Groups

CIBSE has 20 Special Interest Groups, covering a range of subjects. Participation in these is open to all with an interest in the topic. Groups include:

- Building simulation
- Chimneys and flues
- CHP & district heating
- CIBSE ASHRAE
- Daylight
- Electrical services
- Energy performance
- Facilities management
- Healthcare
- Heritage
- Homes for the future
- HVAC Systems

- Industry, education & training
- Intelligent buildings
- IT and controls
- Lifts
- Natural ventilation
- Resilient cities
- School design
- Young Energy Performance Group

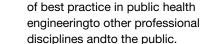
www.cibse.org/networks/ groups

### Build2Perform Live, Olympia London

The showcase annual two day event for CIBSE, Build2Perform Live, has been designed as a platform proclaiming the influence and impact of building services across all aspects of our working and living environments. The event includes CPD covering topics as diverse as lighting spaces, wellbeing, BIM and digital engineering, natural ventilation and designing homes. Involvement is sought from representatives across CIBSE's wealth of volunteer groups, special interest groups, divisions, and exhibiting organisations.

With audiences in excess of 2,000 professionals operating in the sector, this is the largest event within its discipline in the UK. Attendance is free of charge and provides a unique opportunity to develop an understanding of the potential impact of the building services professional in improving our built environment.

www.cibse.org/b2plive #Build2Perform



Engineers

www.cibse.org/sophe

The Society of Public Health

provides technical input to CIBSE

Guides and other publications,

and provides input into Building

Regulations and other legislation

while promoting the importance

relating to public health engineering,

SoPHE organises technical meetings.

# UNITY OF PUBLIC HEALT



#### **CIBSE** Patrons

The CIBSE Patrons are a group of businesses who collaborate to give financial, technical and moral backing to a wide range of initiatives led by the Institution. Their primary focus is on improving recruitment and retention of engineers on behalf of the industry. They sponsor bursaries, events, awards and a range of materials to support CIBSE's work in this area, as well as working directly with young engineers. www.cibse.org/patrons

#### Awards and bursaries

Whether you are studying building services engineering, just starting out in your career, or working for a building services company that is delivering outstanding projects or products, CIBSE offers a number of ways that you and your team can be recognised for your achievements and celebrate success. www.cibse.org/awards

#### CIBSE Building Performance Awards

Recognising the businesses, teams products and projects that demonstrate engineering excellence in the built environment.

www.cibse.org/bpa

#### Society of Light and Lighting Annual Awards Ceremony

Recognises those who have made a significant contribution to the Society and the wider lighting profession.

#### Ken Dale Travel Bursary

The bursary makes awards of between £1,500 and £4,000 to CIBSE members in the developmental stage of their careers and offers the chance to travel and research the areas connected with their field of work. www.cibse.org/kendale

#### CIBSE Young Engineers' Awards (YEA)

Bringing together the CIBSE ASHRAE Graduate of the Year award and the CIBSE Employer of the Year award, to recognise and reward the innovative thinking, hard work and skills of graduate engineers, whilst also showcasing and championing employers who are truly committed to developing and encouraging young talent. www.cibse.org/yea

#### The President's Prize – The CIBSE Undergraduate Award

The Award is open to all CIBSE Student members in their final year of BSc, BEng and MEng study. A selection panel, appointed by the CIBSE Board, decide which project is worthy of winning by looking for evidence of excellent understanding and knowledge in building services engineering, science and design, as well as originality and high quality visual information. www.cibse.org/presidentsprize

## Society of Light and Lighting (SLL) Young Lighter of the Year

Open to anyone with an interest in light and lighting, this competition is designed to provide a platform for those at the early stages of their career. Finalists are invited to present at LuxLive and the winner receives £1000 and the title of SLL Young Lighter of the Year at the Lux Awards. www.cibse.org/yloty

## The Jean Heap Research Bursary – Society of Light and Lighting

The panel is looking for a specific piece of lighting study or research designed for the benefit of the industry and SLL members and offers a bursary of up to  $\pounds2,000$ . Anyone with an interest in lighting is welcome to apply. www.cibse.org/jeanheap

## Society of Public Health Engineers (SoPHE) Young Engineer Award

Applicants aged 18-35 are challenged to develop an engineering solution. Winners are then invited to the SoPHE Annual



#### **Continuing Professional Development**

Dinner where the award is announced. www.cibse.org/sopheyea

## Masters Student Award in Building Simulation

Run by the CIBSE Building Simulation Group, this award is open to postgraduate students from the UK and overseas. The aim is to encourage the use of, and develop innovation in, building simulation techniques for research and development. www.cibse.org/bsgaward

#### FAÇADE

Designed to recognise, reward and promote excellence in the key disciplines of façade design, engineering and application. www.cibse.org/awards

## Green Infrastructure Design Challenge

The annual GI Design Challenge invites multi-disciplinary teams to submit designs for an overarching green infrastructure vision for a UK location, as well as detailed designs for at least one building. www.cibse.org/Glchallenge

## Ready Steady Light & Junior Ready Steady Light

SLL in partnership with Rose Bruford College brings together teams to compete against each other to design and set up temporary exterior light installations which a limited range of equipment in only 180 minutes.

www.cibse.org/ready-steady-light

CPD is a long term commitment to enhancing competence. Maintaining CPD is a requirement for CIBSE corporate members and those who hold Engineering Council registration.

CPD is a way of improving and broadening your knowledge and skills. It is about learning and putting into practice new competencies, investing in the future. Every time you face a new challenge, find out about a new component, talk to a client or read the technical press, you are engaged in learning.

#### Why Do it?

CPD will help to build your knowledge and understanding to deal with the emergence of new demands and priorities in the profession, changes in the law or regulations and new challenges at work.

It should be used to maintain your professional competency, strengthen your weaknesses while building on your strengths.

## All CIBSE corporate members are required to:

- Take ownership of their learning and development needs.
- Undertake a variety of development activities.
- Record their CPD activities.
- Reflect on what they have learned or achieved through their CPD activities.
- Evaluate their CPD activities against objectives.

- Review and update their learning and development plan regularly.
- Support the learning and development of others.

The CPD page in the MYCIBSE area allows you to record your CPD in one place and link your progress to set objectives.

#### CPD activities are not limited to attending formal lectures and seminars, it also includes:

- On-the-job learning
- Private reading and study
- In-house programmes
- CIBSE Regional, Group, Society or Network meetings
- Professional Institution committee work
- Writing papers and articles
- Supporting or mentoring others
- Volunteering on CIBSE or other professional body committees

Each month the CIBSE Journal provides a module in its CPD programme. Each module helps members to achieve the CPD objectives.

There are no minimum number of hours of CPD you are required to undertake. Instead, members should focus on the outputs of CPD activity for the maintenance and enhancement of competence appropriate to the individual and their job role. www.cibse.org/cpd

#### **CPD Directory**

The Directory of CPD Course Providers is available to assist you in identifying suitable courses in respect of your CPD needs; delivered by external companies. The Directory embraces many different areas suitable for CPD and is frequently updated with new entries. All courses are reviewed and assessed by CIBSE to ensure that the technical content is of a high standard and offers valuable CPD to delegates. To ensure the presentations are approved, look for the CIBSE CPD logo. www.cibse.org/cpddirectory

**EXECP** 

www.cibse.org



#### Using the CIBSE logo

The CIBSE logo is the most recognised aspect of our brand. Corporate members of CIBSE can use the Hawk logo on site sign boards where they have been personally responsible for the building services engineering design associated with the site or building at which they are displayed. Use of the logo must meet our guidelines including colour, spacing and minimum size. Please contact the marketing department for a copy of the CIBSE logos and the accompanying guidelines: websupport@cibse.org

The logo cannot be used on headed paper or business cards nor on external website homepages though it may be used to illustrate a link back to the CIBSE website, for example on a useful links page.

Professionally registered members of CIBSE are able to use the Engineering Council logos appropriate to their registration level, please visit https:// ws.engc.org.uk/logoorders/ for more information.

#### **Find a Specialist**

For those looking for help or advice from a specialist, CIBSE's online directories may be of use:

- The Register of Low Carbon Energy Assessors is for those who need to get an Energy Performance Certificate (EPC) or Display Energy Certificate (DEC) or need an air conditioning assessor. This is maintained by CIBSE Certification (membership of CIBSE is not a pre-requisite for this certification).
- The Register of Low Carbon Consultants have undertaken training specifically in low carbon design and

operation (membership of CIBSE is not a pre-requisite for this certification).

• The Lighting Directory is for those looking for a lighting specialist. www.cibse.org/find-a-specialist

#### Directory of Member Practices

The Directory is for people who require the professional services of a building services engineer. You can find out more information about joining the directory and prices by visiting the website: www.cibse.org/dmp

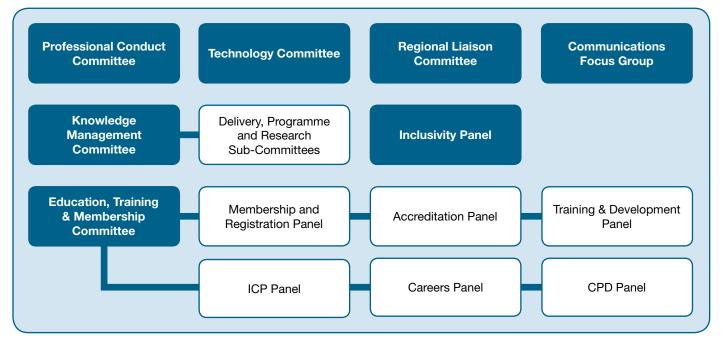


## **CIBSE** Governance and Committee Structure

The CIBSE Board is the governing body of the Institution, with the CIBSE Council acting as a consultative and representative body. New Institution Officers, Board Members and Council Members are elected each year to take office from the AGM in May. Officers and Elected Board Members serve on the Board, which is made up of the seven Officers (President, President-Elect, Three Vice-Presidents, Honorary Treasurer and Immediate Past President) and five elected members. The Council of the Institution is a much larger consultative body which exists to advise the Board on Institution policy. It is composed mainly of representatives of the Regions, Societies, Groups and Standing Committees, but also has a number of places for elected members.



#### Standing committees and committees that report to the Board



## Get involved with CIBSE

Members who are interested in getting involved with CIBSE activities can choose from a number of roles in a variety of areas across the Institution in both the UK and internationally.

Examples of opportunities include:

- Promoting CIBSE's work to students and industry at events.
- Help with STEM events to encourage young people into engineering.
- Contributing to CIBSE technical publications.
- Contribute to CIBSE responses to government consultations.
- Mentor a young engineer.
- · Volunteer as a judge for one of our awards.
- Peer reviewing submissions for the technical symposium.
- · Join a region, group or society's committee across the UK or around the world.
- Become a professional review

Volunteering is a great way to interact with CIBSE and other building services professionals; it enhances your CV and allows you to give something back to the industry as well. Whether you are newly graduated, recently chartered or a senior engineer who has years of industry experience, working in contracting, consulting or for a manufacturer, CIBSE needs a range of volunteers to help develop and grow the Institution for the future.

If you would like to get involved, please register your interest by emailing membership@cibse.org

For current committee vacancies visit





#### **Benevolent fund**

The CIBSE Benevolent Fund provides help to members and their dependants who are in need, whether through sickness, bereavement or financial hardship. Present and former members of CIBSE, IHVE and IES, and their dependants, are also eligible.

There are several ways individuals can help the work of the fund:

- Refer a person in need who meets the criteria
- Make a voluntary contribution with annual subscription or set up a direct debit
- Leave a legacy to the Fund in your Will
- Become an Almoner

www.cibse.org/benfund

## Maintaining the highest standards

#### **CIBSE Code of Conduct**

Members of the Institution, in all grades, are required to maintain the highest standards of professional conduct.

## All members must order their conduct in accordance with this Code.

Members engaged in work outside the United Kingdom shall comply as far as is possible with this Code and with any established standards of conduct that exist in that country.

#### Members shall:

- At all times so order their conduct as to uphold the dignity and reputation of their profession and to safeguard the public interest in matters relevant to the art, science and practice of Building Services Engineering.
- 2. Exercise professional skill, care and diligence to the best of their ability and discharge their duties and responsibilities with fidelity, and with proper regard for professional standards.
- 3. Actively maintain, and where possible encourage others to maintain, their professional competence through systematic improvement and broadening of their knowledge and skill in accordance with Institution guidelines on Continuing Professional Development as published from time to time.
- 4. Reject bribery and all forms of corrupt behaviour, and make positive efforts to ensure others do likewise.

- 5. Avoid, where possible, real or perceived conflict of interest and disclose to their employer or client any significant interest in another company, firm or person undertaking any business which may benefit directly or indirectly from their work.
- 6. When acting on behalf of the institution declare their position if faced with a conflict of interest, accurately represent the views of the institution, and refrain from promoting their own or their employers' interest.
- Take all reasonable steps to prevent avoidable danger to the health, safety and welfare of themselves, colleagues and the general public.
- Raise a concern, either within the workplace or externally, including a danger, risk, malpractice or wrongdoing, which affects others.
- 9. Promote the principles of sustainability and seek to prevent avoidable adverse impacts on the environment and Society.
- 10. Only undertake work for which they have sufficient professional and

technical competence and adequate resources to meet their obligations. They should also disclose relevant limitations of competence.

- 11. Treat all persons fairly and with respect and embrace equality of opportunity, diversity and the elimination of discrimination.
- 12. Cooperate and integrate proactively and with other professionals in the built environment
- 13. Adopt a security minded approach and observe the proper duties of confidentiality owed to appropriate parties.
- 14. Notify the institution if convicted of a criminal offence or disqualified as a company director.
- 15. Assess relevant liability, and if appropriate hold professional indemnity insurance.
- 16. Notify the Institution of any significant violation of the Institution's Code of Conduct by another member.

For CIBSE Charter and By-laws, please visit www.cibse.org/charter-and-by-laws



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## AUDITORIUM

#### **CIBSE award winners:**

- One Angel Square, Nottingham, BDP. Cover, p2, p3, p7, p15
- Urban Sciences Building, Newcastle University, BuroHappold Engineering. *p3, p15, p17*
- Lake Rise, Bere:Architects. p4, p5
- 2 Kingdom Street, Cavendish Engineers. *p*6
- EY Centre, Sydney, Australia, Mirvac. *p8, p12*
- WWF Living Planet Centre, Woking. Atelier Ten, *p14*, *p19*
- 50 Shakespeare Street Refurbishment, Nottingham. Nottingham Trent University. *p17*
- Hoare Lea. p18

CISCO

NUTTORIN

To view in larger text, please request an electronic copy from membership@cibse.org



CIBSE is for anyone working in the built environment, whatever your age and wherever you are on the path. It will add value to you, your career and your company

Jonathan Belfield, CEng, FCIBSE

CONTACT US

www.cibse.org

in CIBSE Soundcloud.com/build2 perform Cibseblog.co.uk

