



Join CBx

The public forum for building energy professionals at the cutting-edge of narrowing the performance gap through sharing data, information and best practice.

OUR MISSION
To provide the tools to understand and validate energy and carbon data to reduce the performance gap in buildings.

OUR VISION
That every building will perform optimally, in order to deliver a truly energy efficient built environment.



Our Supporters



Our Steering Group



WHY WE'RE HERE

Buildings currently consume 150% - 250% of their predicted energy values, creating a host of problems from increased running costs to poor staff productivity and wellbeing. Legislation is not solving this problem.

WHO WE ARE

We are a not-for-profit public forum for building energy professionals at the cutting-edge of narrowing the performance gap through sharing data, information and best practice.

We facilitate cross sector knowledge and data sharing events, collaborative research, bespoke advisory and training led by property professionals to increase the capacity of those involved in energy efficiency and property management across the UK.

HOW YOU CAN HELP

By collaborating with CBx, you'll join an expanding network of industry leaders and building professionals, working together to address challenges in narrowing the performance gap and understanding the life cycle implications of buildings.

UBS
"Validating the building operational performance alongside the design specification is essential in achieving smart and efficient buildings. CBx are creating the information repository and knowledge feedback loop to allow building designs to evolve and deliver informed outcomes"

HILSON MORAN
"CBx has the potential to reach across the built environment sector to assist in closing the energy performance gap by both pushing down energy consumption and pulling up modelling standards"



OUR REACH

Through direct and indirect relationships, CBx reaches over **100,000** individuals in the built environment sector every month through a series of blogs, articles, White Papers and events.

Our content is circulated through the distribution channels of our collaborators at:

- UKGBC
- Innovate UK
- UCL Energy Institute
- 2Degrees
- BIFM
- BSRIA



LET'S CONNECT



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CBx EVENTS

CBx events provide cross-collaborative discussions, enabling members to gain inside knowledge and a unique understanding of how different sectors perceive barriers and solutions to specific energy performance issues.

COP21: What Now? | 04 Feb

Almost 200 countries have come together to sign a single agreement on tackling climate change. But what does this mean for the property sector in the UK, following a year of major changes in the low carbon policy?

Technology Innovations | 11 Mar

Exploring new and innovative technology that could assist in providing safe, resilient and energy-efficient structures to improve the performance of the built environment.

Business Energy Tax Reform | 14 Apr

Following the Business Energy Tax Reform in March, governmental and academic speakers will join our cross-industry panel to discuss the results and implications of the review on climate and carbon schemes such as ESOS, CCL and ESOS.

TRAINING SERIES

The CBx Training Series (In association with Innovate UK) comprise tailored courses that provide energy and carbon literacy and the skills to understand and manipulate resulting data for valuable communication.

Day 1: What data?

An introduction to energy efficiency in both its wider & legislative contexts, promoting literacy and understanding of the use and meaning behind the data.

Day 2: Informing Changes

Interrogating data to extract insight & instigate change, and using information to inform the design and construction process, or to tweak the use of an occupied building.

Day 3: Board Buy-in

Form a business case for reduction interventions and organisation-wide measures that need sign off from a board, funders, finance and legal teams.

BENCHMARKING

CBx aims to provide bespoke support to help improve your understanding and awareness of building energy performance and help to narrow the 'performance gap'.

A partnership with the UCL Energy Institute helps us to provide robust, up-to-date knowledge and support for our members through the Institute's collection of on-going building energy consumption research projects and databases.

CBx recently provided a high-level benchmarking report for the Environment Agency's office portfolio. The highest and lowest consumers were illustrated and the Agency's immediate exposure to carbon legislation and costs; the worst performing building across the analysis were earmarked to target for post occupancy evaluation and energy reduction.

CBx RESEARCH

Our research programme aims to bring together bodies representing the whole building lifecycle to define, understand and resolve challenges in reducing carbon input and improving energy performance across the building lifecycle.

Through partnerships with the UCL Energy Institute and other knowledge experts, we draw on a large pool of research and anonymised datasets to produce authoritative outcomes for industry to take forward. Outcomes are captured in reports, made available to the CBx community to ensure cross-sector sharing of knowledge and data transparency.

Current research: Low Carbon Heat Networks.

BIFM

"Optimal energy performance in buildings is vital as part of the broader sustainability agenda. For it to become a reality we must continually share knowledge and collaborate with the other stakeholders responsible for the design, construction and ongoing management of the built environment."