

Job title:	Building Performance Engineer
Reporting to:	Partner on a day-to-day basis and ultimately to the Senior Partner
Objective:	To contribute to and develop the Practice's Post Occupancy Evaluation capability.

Foster + Partners is an integrated architectural + engineering practice, committed to delivering sustainable and environmentally responsive projects that reflect the targets of The Paris Agreement.

The Sustainability and Environmental Design Team are looking for experienced Building Performance Engineer to join our growing Environmental Engineering team at Foster + Partners. In your role you'll have the chance to apply your expertise across a diverse range of projects— from masterplans to global landmarks. This role being pivotal in shaping and evolving the design of spaces for existing and future users of buildings.

What You'll do:

- Act as the central point for integrating Building Energy Management Systems and Post Occupancy Data into our projects around the world.
- Utilise computational analysis, leveraging our cutting-edge software and evolving computational tools for high-performance, resource-efficient developments.
- Develop and apply BMS Systems and supporting design documentation to ensure efficient and effective low energy building operations.
- Identify and apply environmentally appropriate and climatically resilient design responses that enhance operating buildings and optimize users' comfort, health and wellbeing.
- Collaborate passionately, infusing sustainability into every project.

The Role:

- Conduct and produce Post Occupancy Evaluation to RIBA (or equivalent) standard.
- Conduct building energy assessments to the following standards: ASHRAE Level 1 (Light Touch) and 2 (Deep Dive), ESOS, EED Article 8.
- Engage with clients and facility managers and deliver wide-ranging advice in relation to all aspects of environmental sustainability, building operation and user experience.
- Develop operational energy, waste and water data collection processes and produce reporting methods that are tailored to meet our clients' specific requirements.
- Working effectively as part of an integrated project team of architects, designers, engineers, analysts, consultants, stakeholders, and clients.
- Carry out Post Occupancy Evaluation related questionnaire, collecting internal environmental qualities data monitoring.
- Develop and advance the role of Post Occupancy Evaluation proactively exploring and developing best practice, training and communication within the Practice.
- Prepare reports, media articles and carry out presentations on the project work and findings.
- Develop legacy project operational archive.
- Thorough knowledge of and compliance with Foster + Partners procedures and standards.
- To contribute, or otherwise assist, as required.

Qualities and skills:

- Able to demonstrate ability to undertake the above responsibilities.
- Experience engaging with key stakeholder groups, e.g., commercial real estate organisations, client contacts, property, and facilities managers.
- A good understanding of passive and low energy design, building services and energy and water conservation measures, particularly with respect to operational assets.
- A good understanding of the environmental parameters affecting occupier/user comfort, health and wellbeing.

- Knowledge and understanding of Building Management Systems related to building operations and technical performance.
- Legally able to work in the country in which the position is based.
- Previous relevant experience in assessing buildings in operation and/or postgraduate degree in related field.
- Broad knowledge of sustainable design themes, current and developing international sustainability and building operational policy frameworks.
- Knowledge of environmental engineering themes and workings of the construction industry.
- Understanding of environmental assessment procedures (BREEAM, LEED etc) and appropriate operational performance metrics (NABERS, LEED Zero etc)
- Understanding of Post Occupancy Evaluation Protocols and standards (CIBSE TM61-64, or equivalent)
- Excellent research, data analysis, report writing capabilities and verbal communication skills.
- Understanding of current and evolving planning policy context in the UK with the ability to apply this knowledge to overseas contexts.
- Keen to learn from, and be inspired by others, and contribute to the learning and development of others.
- Self-motivation and ability to demonstrate initiative and a proactive approach to daily tasks, prioritizing duties and working under pressure.
- Good interpersonal skills and able to work independently and working as part of an effective team, together with being able to work independently Methodical, accurate and consistent attention to detail.
- Excellent organisational skills, ability to efficiently manage and prioritise tasks.
- Flexible attitude
- Knowledge of InDesign and Photoshop preferred but not essential.
- Good computer literacy essential (Microsoft Word, Outlook and Excel) with ability to operate spreadsheets and databases preferred (e.g. PowerBI, SQL, or equivalent)..
- Fluency in English, both written and spoken

This description reflects the core activities of the role but is not intended to be all-inclusive and other duties within the group/department may be required in addition to changes in the emphasis of duties as required from time to time. There is a requirement for the post holder to recognise this and adopt a flexible approach to work. Job descriptions will be reviewed regularly and where necessary revised in accordance with organisational needs. Any major changes will be discussed with the post holder.

Please apply with an up-to-date CV and a portfolio demonstrating your work experience.