

ENVIRONMENTAL CONSULTANT

XCO2's Principles

Values:

- Innovative
- Collaborative
- Technically knowledgeable and curious
- Belief in environmental approach
- Pride in quality
- Understand client's needs

Underlying assumptions:

- We strive to achieve the best energy performance in projects
- We are always looking for the best way to solve technical problems
- We provide personal attention and work collaboratively with architects and clients
- Our solutions are based on technical and measurable approaches

Attributes

- **Communication** - Excellent written and oral communication skills and capable of presenting ideas clearly
- **Drive** - Highly motivated, pro-active, enthusiastic and ambitious
- **Client awareness** – understanding of client's/architect's priorities and ultimate goals; contributor to client satisfaction
- **Commercial awareness** on project fees, cost/resources to deliver work and potential for related future opportunities
- **Industry knowledge** - Demonstrate knowledge of the relevant Industry Standards, British Standards, Building Regulations and UK planning process.
- **Technical knowledge** - Understanding and proficiency with Microsoft Office applications, AutoCAD and MBS, Stroma (SAP), IES Virtual Environment Software (SBEM, CIBSE Loads and dynamic simulation), InDesign and Illustrator (optional)
- **Design Team Experience** - Experience with dealing with architects and clients, and attending design team meetings
- **Project management** - Ability to manage own work and deliverables independently, seeking support from Senior Consultants, Technical Experts and Team Leaders where necessary.

Day-to-day responsibilities

- Project management
- Sustainability certification - BREEAM, Code for Sustainable Homes and LEED pre-assessments and full assessments
- Low and zero carbon technologies feasibility studies
- Energy and sustainability statements for planning
- SAP, SBEM, Part L assessments, involving thermal simulations
- Daylight and Sunlight assessments and Rights to Light
- Wind Modelling
- Supporting Junior team members with day-to-day work activities
- Writing concise technical and planning reports that identify key findings and make clear recommendations to clients backed up with the associated energy, CO2 and cost savings



- QA review of own work and Junior Consultant's work and calculations
- Maintaining communication with line manager and directors, keeping them informed of progress and seeking assistance to address project delivery and client issues
- Active participation in design team and client meetings
- Managing own time: estimating resource required to complete tasks assigned, ensuring delivery to project deadlines with a thorough understanding of clients' expectations.