

## Professional Profile



<b>Michael Ward</b>	BEng (Hons) CEng MCIBSE
<b>Position:</b>	Associate
<b>Qualifications:</b>	Bachelor of Engineering Degree (Honours) in Building Services Engineering
<b>Professional Associations:</b>	Chartered Engineer and Corporate Member of Chartered Institution of Building Services Engineers. Registered Engineer with Engineering Council UK

### Profile

Mike joined ESC in 2007 and brings considerable international knowledge and expertise in the field of Building Physics and building services engineering to our existing skill base. He has experience in the field of industrial, health, pharmaceutical, commercial and mission critical projects.

He has experience in the application of low and zero carbon technologies and in the development of buildings with intrinsically low energy use, essential skills in the modern built environment. Mike has also trained in Project Management, an essential discipline in the delivery of projects and effective design processes.

### Principal Interests

- Development of low energy buildings through use of building physics
- Application of low and zero carbon technologies
- Lean design concepts and use of analytical design tools

### Experience Profile

Mike has extensive experience in leading the design, detailing and co-ordination of mechanical engineering systems, as lead mechanical engineer for numerous commercial projects. Some of these projects include a £35 million data centre in Prague for Project Sunrise, an £80 million new build development for Worcester Royal Infirmary and a new high resilience 15000m<sup>2</sup> on-line banking centre for Egg in Derby.

His additional experience includes project manager and lead engineer for the £150 million Snow Hill development in Birmingham, comprising two speculative office buildings and a 45 storey hotel and residential tower.

Mike is currently involved in the design of a £50 million low energy headquarters building for Severn Trent plc, which has to achieve high levels of energy efficiency and flexible office accommodation for 2000 people.