

## THURSDAY 24 NOVEMBER

**8.15 am** Breakfast registration

**8.30–9.30 am** Breakfast briefing

1-2-1 meeting area

### Getting the grants

ClarksLegal LLP will present the Housing Grants, Construction and Regeneration Act

**9.00 am** M&E exhibition opens

**9.15–10.45 am** Exhibitor seminar, CPD Theatre

### Overview of pre-engineered building services technology

For most buildings, the mechanical and electrical services installation is the key logistic and labour-intensive build activity. The use of off-site construction techniques for the delivery of building services can significantly reduce lead times in the construction programme. This masterclass gives a brief overview of the latest advances, from modular wiring and plumbing systems to modular plant rooms and services cassettes.

**Presented by:** Mtech Training

**10.00–11.30 am** Seminar, training academy

### The L team

A practical approach to the new legislation. How do today's buildings perform and how close are we to achieving Part L2 compliance? How the latest technology can reveal the secret life of buildings. Mike Malina will highlight the real problems facing real buildings and present a blueprint for putting systems in line with the European Performance of Buildings Directive.

The new Part L, from the client's perspective. How will energy labelling affect the commercial buildings market? What will clients expect from designers and building teams?

Bill Bordass, the sustainable buildings expert will explain how these challenges from clients can be met and how you can avoid the problems highlighted by Mike Malina.

Other speakers will talk about the role of contractors in delivering sustainable buildings for clients, and how consulting engineers can lead the way in offering sound advice for achieving Part L compliance.

**Speakers:** Mike Malina, Commtech

Martin Long, Savant

Bill Bordass

Richard Rooley, past-president, ASHRAE

**11.45–12.45 pm** Seminar, training academy

### Occupant comfort –

#### all we need is the air that we breathe

Bearing the end user of a building in mind is an increasingly important aspect of an M&E professional's work. With new laws on airtightness of buildings, the danger of a return to the days of

'sick building syndrome' is all too real.

Creating comfortable and productive working environments is central to the role of engineers and contractors. In this seminar, speakers will look at good ventilation, occupant control of space, air quality, lighting and fire safety.

**Speakers:** Mindi Handi, BRE

An introduction to the latest research into occupant behaviours, comfort and performance  
Wayne Aston, Passivent

Phil Ord, Mitsubishi Electric

The latest in mixed-mode ventilation case studies to demonstrate one approach to achieving airtightness, energy efficiency and a comfortable working environment in a new and refurbished working space.

Dominic Meyrick, Hoare Lea Lighting

**12.00–12.45 pm** Exhibitor seminar, CPD theatre

### Fire legislation

**Presented by:** ADT Fire & Security

**12.45–2.15 pm** Lunchtime round table session

1-2-1 Meeting Area

### Planning for success

Planning used to be something that happened without the involvement of M&E consultants. Now, however, many councils, including Greater London, are insisting on elements of sustainability in all new building plans. Consulting engineers have the know-how to deal with issues such as alternative power sources and ensuring maximum building efficiency. This means tougher planning legislation is putting consultants where they want to be – at the top table with architects and structural engineers.

**Speaker:** Mike Beaven, Arup Associates

**2.15–3.15 pm** Seminar, training academy

### CHP – the second coming

Ken Livingstone wants to make London a hydrogen economy and fuel cell capital of Europe. Experts from the CHP sector talk about the new interest in their technology, looking at the latest projects and technological developments. They also look at the emerging markets of domestic CHP, and trigeneration technology.

**Speakers:** Phil Jones, CIBSE CHP Group chairman

Peter Walker, EcoCentroGen

Alan Barlow, EnerG

Yan Evans, Baxi

**3.30–4.45 pm** Case study, training academy

### Evelina Children's Hospital

Guys and St Thomas' NHS Foundation Trust give an insight into designing and building the first children's hospital in London for over a century. (See page 33 for an introduction to the scheme.)

**Speakers:** Representatives from the project team

**5.00 pm** M&E event closes

