



## **Commercial Building Energy Ratings & the SBEM Calculation Method**

Presented by

**Niall Coughlan**  
**BREEAM and BER Assessors**

### Synopsis of Lecture

Niall is awaiting confirmation on his status as an interim Non-Residential BER assessor, having been among a handful of engineers who passed the first official examination for BER assessors in Ireland hosted by the Building Research Establishment.

The presentation will cover the implementation of the BER procedures for different building types. The primary focus will be on the non-residential BER sector which was introduced in July 2008.

The topics to be covered as part of the non-residential BER presentation will be:

Background Legislation - European, & National (EPBD & Part L)

Energy Ratings - Minimum Compliance  
Improvement Targets

SBEM Calculation Method - Notional Buildings  
Building Types  
General Approach to calculation  
Zoning  
HVAC Systems  
Lighting & Controls

Worked examples - Impact of changes to building form, fabric, services & inclusion of renewable energies.

**Date:** Wednesday 29<sup>th</sup> October 2008

**RSVP:** Friday 24<sup>th</sup> October 2008 – Numbers need to be confirmed.  
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**Venue:** Life time lab Old Cork Waterworks, Lee Road, Cork

**Time:** 18:30 to 21:00 light refreshments provided  
A CPD Certificate will be issued to each attendee.