

CIBSE ASHRAE Group, Inst of Refrigeration and IMechE Greater London Region

# Building Services for Low Carbon Supermarkets



Institution of  
**MECHANICAL  
ENGINEERS**

**Presented by Andy Campbell of Tesco**

**Thursday 3rd December 2009**

**5.15pm refreshments, 5.45pm start**

**Tesco has opened its first low carbon store with a goal of having a carbon footprint 70% smaller than Tesco stores built in 2006. The design employed a combination of low embodied carbon materials, metering, renewable energy supply, natural ventilation and carefully selected systems as well as CO2 instead instead of HFCs for the refrigeration systems in the quest to head towards a low carbon supermarket.**

**Room B307, Borough Road Entrance  
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in conjunction with the Faculty of Engineering Science and the Built Environment, London South Bank University