

Sustainable refurbishment for housing - Agenda

Arrival and coffee

Introduction

- Meet the trainers
- Housekeeping
- Agenda
- Meet the participants (Who are you? What do you know/do? What are looking for from the day?)

Background to sustainable refurbishment

- What are the problems?
- What are the targets?
- What are the drivers?

Q&A

Benchmarking energy performance

- Energy/heat loss paths and diagnosis of problems
- Physical monitoring
- T-Zero and SAP/EPC
- Non-energy issues

Q&A and coffee break

Building Regulation and domestic refurbishment

- When do they apply?
- What do they apply to?
- What are the standards?
- How do the 2006 and 2010 requirements compare?

Q&A

Sustainable refurbishment - General principles

- Whole house solutions
- 'Insulate, A-rate, Generate'
- Sustainable refurbishment standards

Sustainable refurbishment - Fabric and airtightness

- Improving the building envelope
- Innovative products

Sustainable refurbishment – Services and renewables

- Heating and controls
- Lighting and appliances
- MVHR
- Renewable technologies

Sustainable refurbishment – other issues

- Water and waste
- Adaptation for climate change
- BREEAM for domestic refurbishment

Q&A leading to lunch

Case study – 'Greener Homes for Redbridge'

Case study – Sheffield Ecoterrace (Setting the challenge)

Interactive SAP session – Getting the Ecoterrace to an A

Case study – Sheffield Ecoterrace (The solution)

Q&A and coffee break

Tour of the Victorian Terrace

Departure