

Understanding Renewables

Course programme

Subject	Approximate timings
Session 1: Introduction - Introductions, course overview, aims & objectives, housekeeping	9.00
Session 2: Policy & legislation - Policy & standards (e.g. Low Carbon Transition Plan, BREEAM) - Legislation (e.g. Climate Change Act and Energy Performance of Buildings Directive) - HEFE position	9.15
Exercise: Drivers, benefits and barriers of renewables	10.00
Break	10.30
Session 3: Grants and incentives - Feed in Tariffs - Renewable Heat Incentive	10.45
Exercise: FITs – how much do you know?	11.15
Session 4: Planning & designing for renewables - Design considerations - The impact of renewables on building efficiency	11.30
Session 5: Costs of renewables - CAPEX, OPEX & Payback periods	12.00
Lunch	12.30
Session 6: Renewable technologies & building services - Renewable technologies - Other building services (e.g. natural ventilation, heating & cooling)	13.30
Exercise: Choosing technologies	14.30
Break	15.00
Session 6: Case study (from the HEFE sector)	15.15
Session 7: Assessment (10 short questions)	16.00
Close	16.30