

Wood Fuel Heating & CHP

AGENDA

- 9.30 Coffee & Registration
- 10.00 Introduction – to include Carbon Cycle, the energy value of wood , requirements for efficient combustion and the main types of wood fuel (logs/ chips/pellets), their characteristics, standards etc.
- 10.30 Choosing a wood fuelled boiler – Indicators for choice of fuel, e.g fuel availability, heat demand. Technical information on boiler types – type of boiler available – grate combustion; spreader and retort (underfed stokers); fluidised bed systems (stationary and circulating) – outline of what each is suited for, maintenance requirements.
- 11.15 Coffee
- 11.30 Boiler sizing & system requirements – Calculating fuel requirements, system requirements including accumulators, flues and chimneys.
Fuel Management & Storage – Fuel storage and delivery systems, fuel supply options.
- 13:00 Lunch
- 13:45 Planning & Regulatory Issues – Merton rule, building regulations, clean air act, environmental protection act, air quality issues.
- 14:30 Economics of Wood Fuel Heating – Costs of fuels, grants, fuel and energy supply contracts.
- 15:00 Tea
- 15:15 Large Scale Scemes – District heating, combined heat and power technologies including the benefits and complications of different approaches.
- 16:15 Round up
- 16:30 End of day.

Please note that this agenda may be subject to change.