Commercial Biomass
Woodfuel at Work
Contents

• Equipment Selection
• Fuel choice
• Financial considerations
Biomass – Equipment Selection

- Boiler
- Fuel store and transfer
- Flue
- Buffer / Thermal store
- Hydronic system
Biomass – Equipment Selection

- Building heat load
- Space available
- Access for fuel delivery
Biomass – Fuel Choice

- Wood chip
- Wood pellet
Biomass – Financial Considerations

- Relative fuel cost
- Beware of ‘guestimates’ of future energy costs
- Woodfuel is ± 20% depending on location and ease of delivery
Biomass – Financial Considerations

- Beware of sales claims
- On-site renewable energy should save carbon
- On-site renewable energy should save money
  (be aware of short pay-back promises)
Conclusions:

- Know your heat load – avoid oversizing
- Understand the implications of the fuel choice
- Engage with specialists to get the detail right

Thank you for listening