



South East Wood Fuels Ltd

**Development of a wood
fuel supply infrastructure
in the South East**



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- **Wood Fuel resources in the South East**
- **Use of wood fuel – key considerations**
- **The need for a wood fuel supply infrastructure**
- **South East Wood Fuels Ltd**



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Wood fuel resources in the South East



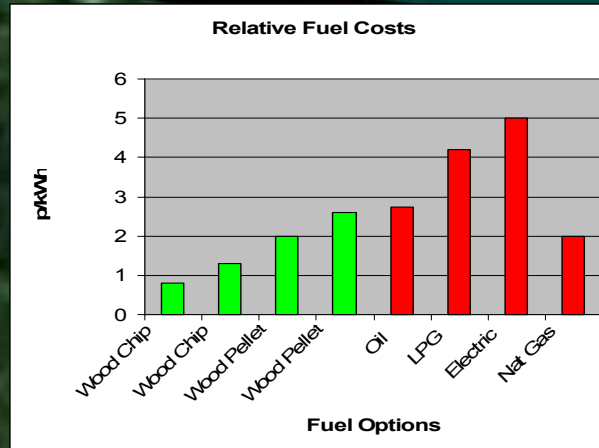
- Forestry residues
- Land management residues
- Sawmill residues
- Reclaimed wood
- Energy crops



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Wood as a fuel

- Chip vs. pellet
- Economic
- Sustainable
- Abundant
- Secure





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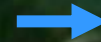
Use of wood fuel – user considerations

Boiler specification

- Chip size
- Consistency
- Moisture content



Feed mechanism



Fuel Storage

- Capacity
- loading
- Accessibility



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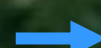
Use of wood fuel – Supply chain considerations

Transport

- Off loading
- Capacity
- Manoeuvrability



Chip Storage



Chipping

- When
- Where
- Chipper type
- Screening
- Noise



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Use of wood fuel – Harvesting considerations

**Moisture
Content**



Extraction



**Harvesting
Method**



**Tree species &
management**

- **Storage**

- **Method**

- **Cost**

- **Whole tree**

- **Co-products**

- **Coppice**

- **Thinning's**

- **Residue**



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The need for a wood fuel supply infrastructure

- Users → Security, Quality & Professionalism
- Hardware installers → Sales
- Suppliers → Access to the market



Not for profit producer group that provide:

- Reliable and secure supplies of quality wood-chip
- Access to specialists in the wood energy field
- Access to Hardware
- Training
- General advice and information



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Reliable & Secure supplies



Membership of suppliers from across the region

- Long term supply contracts
- Aggregation of local supplies
- Storage facilities & the strength of the network



Peace of mind!



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Quality assurances

- **Training**

All SEWF members have to undergo training in the production and supply of wood fuel

- **Size & Moisture content**

SEWF Ltd will abide by the British standard for solid bio-fuels DD CEN/TS 14961:2005 and will supply fuel at an agreed specification from this published size and moisture range. SEWF Ltd will monitor all supplies to ensure they are to the agreed specification.



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Experience in the production and supply of wood-chips for fuel





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