



Innovative proposals: premiere Furniture (case study)

3 - Wood2Good

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With financial support from the EU

In partnership with:



Looking for innovation

- Restructuring
- Staff reorganization/training
- Capital investment
- New models
- Greener delivery and production
- Improved waste management

Case study – Premiere Furniture (UK)

- Installed Biomass system
- Modified power consumption
- Introduced variable speed drives
- Improved factory lighting
- Replaced shrink wrapper
- Installed compacting skip
- Winner of sustainability awards UK

Furniture
Industry
Sustainability
Programme



A FISP member since 2006, Premiere provides cost-effective kitchen and furniture solutions for residential developments, hotels, key worker accommodation, care homes, universities, schools and the Ministry of Defence (UK).



Sustainability Award

Awarded by The Furniture Makers' Company

The
Furniture
Makers
Company

The judges were impressed by Premiere's innovative entry, demonstrating quantifiable results on all the key qualification criteria across every aspect of its business, such as environmental impact, waste, energy, packaging, transport issues, purchasing policies, training, education and employment.

Jonathan Hindle said: *'Premiere is highly deserving of this distinction as it was so apparent it had gone beyond the remit, showing long-term commitment to the future and engaging its staff and suppliers.'*



- James Bell, Environmental Consultant for FIRA International and Auditor for FISP, said:
- *‘Since its launch in 2006, FISP has become the standard of sustainable excellence for companies across the furniture supply chain and is internationally recognised as the industry's environmental benchmark.’*
- *‘I would like to congratulate Premiere Furniture on this fantastic achievement, which recognises the continuous improvements they are making, including innovative engagement with staff and suppliers.’*

Premiere furniture restructure data

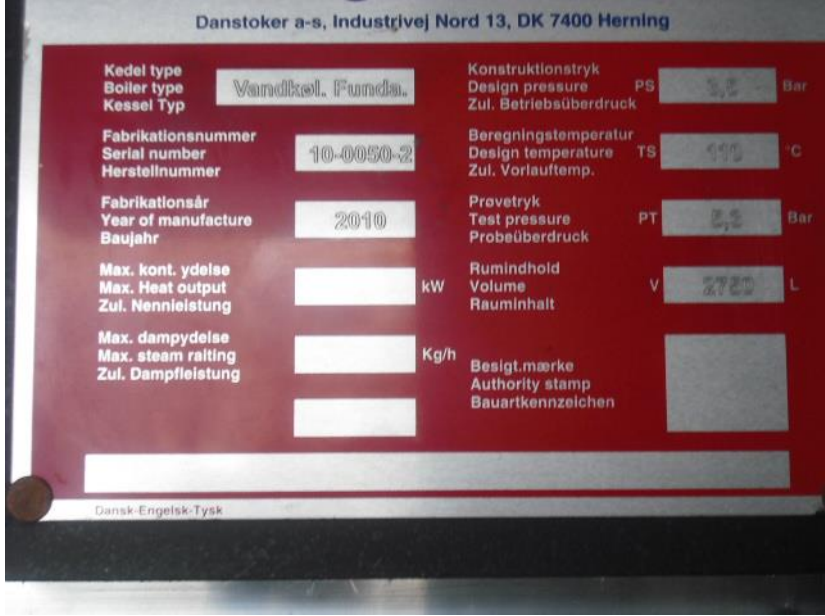
| Item | Annual Co2 Saving (tonnes) | Annual kWh Saving | Annual cost Saving | Investment Cost |
|----------------------------|-------------------------------|-------------------|--------------------|---|
| Biomass (Gas savings) | 41 | 221096.3 | £8,238.00 | £1,300,000.00 |
| Biomass (Landfill savings) | 1020 | 0 | £14,250.00 | as above |
| Power Correction Factor | n/a | n/a | £20,867.00 | £9,000.00 |
| Variable Speed Drives | 137 | 261000 | £32,692.00 | £28,421.00 |
| Factory lighting | 103.5 | 195686 | £22,595.00 | £55,378.00 |
| Shrink wrapper replacement | 7 | 13500 | £19,440.00 | £65,000.00 |
| Compacting skip | n/a | n/a | £12,500.00 | £9,500.00 |
| Totals | 1,308 | 691,282 | £130,582.00 | £167,299.00 |
| | Co2 Tonnes | kWh | | *Excluding Biomass (2010-2011) |

- Some of the achievements made by Premiere that contributed to the successful entry included a 99% reduction in landfill waste during the last 5 years through the introduction of an onsite Biomass facility that converts process waste into energy, which heats the entire office & factory facility. The landfill savings equate to 2,350 tonnes per annum, the equivalent of 17,000 trees.
- The on site gas supply previously used to heat the facility was removed following the Biomass installation & has provided an annual carbon saving of 1,020 tonnes which is the equivalent to the annual gas usage for 638 average sized homes. Premiere were also recognised for their recycling activities which has seen them recycle 303 tonnes of cardboard & paper – the equivalent of 199,320 pizza boxes & 71 tonnes of plastic.

Biomass boiler house



Biomass boiler



Danstoker a Danish company who manufacture in Germany believe that,

'There are no conflicting interests between economic development and environment-protection – we must have a common goal now and for the future generations.'

[\(http://www.danstoker.com/\)](http://www.danstoker.com/)

Thank you...

- Florin Ioras
- Jake Kaner

