

Congratulations to Barnsley Council for winning the 2006 Ashden Award

Barnsley Metropolitan Borough Council has won the 2006 Ashden Award for Sustainable Energy for their rapidly growing portfolio of biomass heating installations fuelled by local arboricultural and forestry arisings. The Barnsley success story has been widely publicised: on **Radio 4** "You & Yours", **The Guardian** (13/9/06), a **CIBSE national conference** paper by Dick Bradford of Barnsley Council and several building industry journals. Econergy assisted with the fuel supply development, installed the biomass boilers and now run ESCos to deliver 1.5MW of biomass heat from 3 installations with more on the way.

Econergy MD presents to a record 360 attendees at REA annual biomass conference

Chris Miles, Econergy's Managing Director, gave the plenary session presentation on the "Emerging opportunities of biomass heating" at the annual Renewable Energy Association's Biomass Conference. He focused on public sector clusters and rural district heating schemes (micro-nets). The conference chair **Sir Ben Gill** generated lively debate around his presentation. The conference and Chris's presentation were reported in **Reuters** (13/9/06) and **EnAgri** (Oct 2006). Conference presentations may be viewed at www.r-e-a.net/article_default_view.fcm?articleid=1648

Rural developers invest in wood heating "micro-nets" across the country

These biomass "micro-nets" typically include a central wood fuelled boiler plant which delivers heat to numerous buildings via underground heat pipes. The owners sell "heat" to the tenants, by using heat meters. **Kevin McCloud**, Presenter of Channel 4's "Grand Designs" wrote in **The Guardian** newspaper (23/9/06) about the biomass heating system, which he has ordered from Econergy. The biomass boiler (a **Fröling Turbomatic**) will heat his house, office and sublet barns located in **Somerset**. Although it will be initially fuelled by bought-in wood chip, he has planted several acres of willow coppice to fuel it in the future.

Econergy installed their first biomass heated "micro-net" at **Lee Moor Farm, Northumberland** in 2000. Lee Moor Farm has recently upgraded their boiler to the very latest KWB Powerfire 150KW wood boiler. **Torry Hill Farm, Kent** also commissioned last month their new **KWB Powerfire** to heat 3 existing houses, 5 re-developed farm buildings and a swimming pool. The wood chip will come from the estate's 1,000 acres of Sweet Chestnut Coppice.



Above: **Barnsley Westgate Plaza** and library heated by a 500KW **Fröling Turbomat** biomass boiler with underground moving floor feed system. Commissioned Oct 2006 by Econergy

Below: **The Lowes**, a traditional **Norfolk** flint and brick farmstead, has been converted into 11 luxury rental properties and an indoor pool which are heated and controlled by a single **KWB** wood boiler



New Products from KWB

KWB wood chip and pellet boilers (Easyfire, Multifire and Powerfire ranges) from 10 to 150KW have recently been substantially upgraded. The KWB boilers now have full **smoke control exemption**.

We have now released the innovative and highly attractive **Energy Cabin** (below), a containerised KWB wood boiler and solar thermal solution from 10 to 600KW. Exeter City Council has recently purchased a 150KW cabin via the Energy Crops Company, our national pellet supplier partner.

