

# Dalum converts to biofuel

## Reduction of "CO<sub>2</sub> footprint" by up to 90%

Dalum Papir has installed a 45 MW biofuel boiler at the company's power plant. This means that we now have the world's lowest CO<sub>2</sub> emissions and energy consumption for the production of fine paper. By using Cyclus 100% recycled paper, end users can reduce their paper consumption's environmental impact in relation to standard fine paper as follows (1):

CO<sub>2</sub> emissions reduced by 90%  
Energy consumption reduced by 60%  
Discharge into water sources by 100%

(1) Compared with EU BAT

An ever growing number of companies take an interest in how their activities impact on the environment. In recent times, there has been a great deal of focus on "global warming" and thereby, companies' "CO<sub>2</sub> footprint".

Dalum Papir has always been a leader in environmentally friendly paper production and therefore our products are sought out by companies that value sustainable usage of resources. The list of companies includes Toyota, Deutsche Post and WWF. For many years, our 100% production concept has given Dalum Papir a leading environmental profile in the paper industry. This concept involves all raw materials being used or recycled 100% and the complete elimination of many emissions.

### The environment is also good business

100% recycling of raw materials, combined with reduction of energy consumption and CO<sub>2</sub> emissions is not only positive for the environment. It is also good business. As energy prices have risen, the


ongoing reduction of energy consumption has meant that Dalum Papir has thrived in the highly competitive fine paper market.

The new biofuel boiler will further contribute to Dalum Papir's competitiveness for the following reasons:

1. Wood chips, which are used as fuel, are currently cheaper than natural gas, which was previously used.
2. By using CO<sub>2</sub> neutral fuel, Dalum Papir's CO<sub>2</sub> EU quota will be set free and can be sold on the market.
3. Dalum sells the surplus heat collected from condensation of exhaust gases for district heating.

### Managing Director Henrik Kaa Andersen says:

*"This energy project is 'state of the art' in the paper industry, and will contribute to Dalum Papir's competitiveness for years to come. We are very proud that we have been able to develop the project internally and manage it through to operational start up in record time. With this and other energy projects that have been implemented in 2006, Dalum Papir now clearly stands as the most environmentally friendly fine paper company in the world. This is highly prized by our customers, and will ensure continued growth in the demand for our products."*



The new 45 MW biofuel boiler at its power plant means that Dalum Papir has the world's lowest CO<sub>2</sub> emissions in connection with the production of fine paper.



Henrik Kaa Andersen: Dalum Papir now clearly stands as the most environmentally friendly fine paper company in the world. This is highly prized by our customers, and will ensure continued growth in the demand for our products.