



Curvaceous Tackles Carbon Dioxide

Curvaceous Software is proud to have been one of only three finalists from over 250 nominations for the Carbon Trust Innovation Awards 2005. Curvaceous was chosen for the success of their new-technology approach to reducing carbon dioxide emissions from operating process plant by increasing plant efficiency.

Geometric Process Control (GPC) technology uses multi-dimensional geometry to visualise and model several hundred process, cost and emissions variables at once. An all-British invention, GPC has been proven in several uses and specifically for the Award in the trial outlined below where it enabled carbon dioxide emissions reduction by controlling the amount of energy used in a process.

From a trial in 2002 on a 10MW Combined Heat and Power (CHP) plant Curvaceous saved 13% of fuel cost equating to over £200,000 per year. Over 11,000 tonnes per annum of carbon dioxide emissions were cut as a direct result without any capital expenditure.

Curvaceous was delighted to reach the final of this prestigious award. Managing Director Dr. Robin Brooks

“Improving the efficiency of existing plants in the Process Industries ultimately means that they need to burn less fuel. This has a significant effect on reducing climate change, the effects of which are becoming more and more noticeable. Our focus on the efficiency of the process industries is helping many large process companies achieve better efficiency with short-term economic benefits to themselves and reduced emissions benefits to the environment. We are proud that The Carbon Trust has recognised Curvaceous’ invention and development of GPC and honoured GPC as a successful technology in the struggle to lower carbon dioxide emissions.”

For more information regarding GPC technology and Curvaceous visit www.curvaceous.com. To contact Curvaceous email enquiries@curvaceous.com or phone +44 (0) 1753 893090.