



29 January 2011

Global Energy Announces Commercial Waste-to-Energy Production Trial

by Staff Writers
New York NY (SPX) Feb 05, 2009

AlphaKat, led by Dr. Christian Koch and Global Energy, has conducted a first round of municipal solid waste (MSW) feedstock tests as part of the commissioning phase for AlphaKat's first-generation, commercial scale KDV 500 waste-to-diesel process. The

KDV 500 is designed to produce 145 gallons (550 liters) of high quality diesel fuel from an average of 1.5 tons of MSW per hour. The trial was operated by AlphaKat operators and observed by additional potential strategic partners.

"The results of this test represent a significant milestone toward launching the commercialization of the KDV 500 during 2009," stated Dr. Koch inventor of the KDV technology and founder of AlphaKat.

Global Energy sourced the feedstock from a UK company that has developed a fully automated process for sorting MSW.

The process is capable of producing a consistent, customized, MSW- derived feedstock which in this case was comprised of 80% biomass (including paper and wood) and 20% plastics that were shredded and dried according to AlphaKat's specifications.

The results of the test will form the basis for further discussions with the UK Company regarding a joint-venture to operate a KDV 500 at its MSW sorting facility in the UK.

"The results of this initial test demonstrate the tremendous potential of the KDV technology to utilize an already abundant and growing waste feedstock such as MSW and will further support Global Energy's project development and strategic relationships in Europe, the USA and China," commented Mr. Asi Shalgi, CEO of Global Energy.



The process is capable of producing a consistent, customized, MSW- derived feedstock which in this case was comprised of 80% biomass (including paper and wood) and 20% plastics that were shredded and dried according to AlphaKat's specifications.