

For Immediate Release

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Coal-Eating Microbes Make Coal Green

Chantilly, VA — July 8, 2009 — Arctech, Inc., a Virginia based greentech company today announced successful production of clean methane gas by coal eating microbes in a large prototype bioreactor. This announcement and the proven ability to scale from a lab based environment is an enormous step in the production of true clean coal technologies. In an effort to further develop this and other products pioneered by the company, Arctech has formed Humaxx, a wholly owned subsidiary, to market clean methane gas and humic-rich products. With over 20 years of research and development into microbes that can digest coal, Arctech's scientists have successfully engineered microbes from the digestive tract of termites to produce clean methane gas and humic substance byproducts. Arctech's biotechnology produces a humic-rich carbon substance and converts it into ecological solutions for organically re-nourishing the soils while increasing crop yields, replenishing water and even neutralizing munitions and converting them into organic fertilizer. The team at Humaxx will focus on the development of strategic partnerships to expand sales channels for its solutions.

The patented Arctech Process is a significant paradigm shift for converting coal into methane gas and humic substances. Natural microorganisms are adapted to digest coal under anaerobic conditions resulting in a mixture of methane gas and humic substances.

Dr. Walia, CEO of Arctech said "While people see coal as the dirtiest source of fuel, our scientists have proven otherwise. Arctech's microbes have been bio-engineered from the digestive systems of specially-bred termites, which are unique in their ability to digest the compressed, fossilized plant matter we know as coal. The applications for this technology are exciting, and the team at Humaxx is committed to exploring new and expanded markets for our unique products."

About Arctech.

Founded in 1988, Arctech, Inc. is a specialized greentech company that has developed coal-derived solutions in collaboration with nature. Arctech pioneered the manufacture of humic substances from coal to produce organic bio-stimulants in 1988. It holds 5 US patents for humic acid technology and biogas processes. It has invested in researching, developing and proving sustainable clean solutions from coal that are implemented in the US and abroad. To learn more about how to make coal green and our solutions, please visit www.arctech.com and www.humaxx.com.