

For Immediate Release

Wyoming Senate Bill 116 Signed into Law

Luca Now Working with Regulators to Establish Rules for Safe Production of Natural Gas in Wyoming

New Regulatory Framework is First Step to Luca Production of Clean, Sustainable Natural Gas Supplies from Wyoming Wells & Coal Beds

CHEYENNE, WY & GOLDEN, CO - February 18, 2011 - Luca Technologies Inc., the leader in sustainable natural gas production and well restoration, today announced Wyoming Governor Matt Mead signed into Law Senate Bill 116, providing the regulation of well and reservoir injections to restore or enhance the microbial conversion of hydrocarbon substrates to methane gas. With the Bill's established regulatory framework, Luca will soon be able to apply its technology to produce sustainable supplies of clean natural gas from Wyoming coal beds.

"This bill is one of the first in the U.S. to recognize the vast, safe and sustainable resources that exist in dormant oil & gas wells; I thank Senators Jennings and Bebout, and Representatives Jaggi, Stubson and Throne for their vision and continual support to make this legislation a reality," said Bob Cavnar, Chief Executive Officer of Luca Technologies. "Over the coming months, the Luca team will be working closely with state and federal agencies to establish rules, under this new legislation, for safe production of clean, sustainable natural gas in Wyoming, while protecting both ground water and water on the surface."

Wyoming Bill 116 is a win for both the economy and the environment. The piece of legislature sets a framework for Luca Technologies to work with both state and federal regulators to help ensure its clean, sustainable natural gas production technology is well deployed and monitored. Luca's technology helps decrease U.S. dependency on foreign energy, provide new jobs, and increase revenues to the State of Wyoming, while protecting the environment.

About Luca Technologies

Luca Technologies is a clean energy company that uses biotechnology to create and sustainably produce natural gas. Our proprietary technology stimulates native microorganisms that reside in subsurface hydrocarbon deposits, such as coal, oil, and organic-rich shales, to accelerate the bioconversion of these resources into methane, the principal component of natural gas, which Luca produces and sells using existing infrastructure. For more information visit <http://www.lucatechnologies.com>.

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