

For Immediate Release

**Luca Technologies Named a Global Cleantech 100 Clean Technology Company by the Guardian and Cleantech Group™**

*Recognized for potential and likelihood to achieve high growth and high market impact*

GOLDEN, CO - September 9, 2009 - Luca Technologies, a next-generation energy company focused on the environmentally clean and sustainable production of natural gas via the microbial cultivation and harvesting of methane from underground hydrocarbon resources, today announced it has been named a Global Cleantech 100 company by Guardian News and Media and Cleantech Group™, LLC, providers of leading research, events and advisory services for the cleantech ecosystem.

The Global Cleantech 100 is the first ever list highlighting the most promising private clean technology companies around the world. Supported by the Carbon Trust, the Global Cleantech 100 recognises companies at the forefront of cleantech innovation offering solutions to some of the world's most pressing environmental challenges.

The final list represents the collective opinion of hundreds of leading experts from cleantech innovation and venture capital companies in EMEA, North America, India and China, combined with the specific input of an expert panel of 35, drawn from well-respected organizations such as Altira Group, Crossover Advisors, Deloitte, Emerald

Technology Ventures, Google, Kleiner Perkins Caulfield & Byers, New York Stock Exchange, NGEN Partners, Nth Power, New Enterprise Associates, Sterling Communications, Tsing Capital and Vantage Point Venture Partners.

The panel's views were combined with insights from the Cleantech Network™, the de facto industry association of international clean technology investors, entrepreneurs, large corporations and other industry insiders. Some 3,500 companies were nominated/considered.

"The first ever Global Cleantech 100 shines a spotlight on which companies and which technology areas the global innovation community is most excited about from a commercial standpoint," said Richard Youngman, managing partner at Cleantech Group.

"We are very pleased to receive this outstanding recognition from two of the world's leading media groups," said Robert Pfeiffer, Luca Technologies chief executive officer. "We believe our approach to microbially enhanced methane production offers opportunities not only for long term, sustainable natural gas production on a very large scale, but is a technology with the power to cut carbon emissions significantly in the near term and to do so while limiting other environmental disruptions."

Luca Technologies and other winners are being honored today at Cleantech Forum XXIII in Boston, 8-10 September 2009 ([www.cleantech.com/bostonforum](http://www.cleantech.com/bostonforum)) and will be celebrated at Cleantech Forum XXIV in Delhi, 15-16 October 2009 ([www.cleantech.com/delhiforum](http://www.cleantech.com/delhiforum)) and at the Guardian's UK Cleantech Summit in London on 23 November 2009 ([guardian.co.uk/cleantechsummit](http://guardian.co.uk/cleantechsummit)).

Luca Technologies received the award on the basis of its novel and sustainable approach to natural gas production, which harnesses and actively cultivates the ability of naturally occurring microorganisms resident in underground hydrocarbon deposits like coal, oil, and shales to convert those "dirtier" hydrocarbons to cleaner burning natural gas. While continuing to develop its methods, the company has begun implementing its technology in the field, and already has demonstrated the ability to produce sufficient new natural gas using this approach to heat 16,000 homes for about one year.

More than half (56) of the companies listed on the Global Cleantech 100 are headquartered in North America, while European firms make up 36 percent. Five firms are based in Israel and three in India.

The full list of Global Cleantech 100 firms is available on the Guardian ([guardian.co.uk/globalcleantech100](http://guardian.co.uk/globalcleantech100)) and Cleantech Group ([cleantech.com/news/awards/globalcleantech100](http://cleantech.com/news/awards/globalcleantech100)) websites.

#### **About the Cleantech Group, LLC**

The Cleantech Group pioneered the clean technology investment category in 2002. Today, it accelerates the development and market adoption of clean technologies globally. The company's worldwide network of investors, entrepreneurs, enterprises, service providers and others-representing trillions of dollars in assets-receives access to capital, investment deal flow, networking, market leading research and data, sales leads and promotional opportunities. The Cleantech Group also provides advisory services for large corporations and governments, publishes leading cleantech sector industry news coverage and produces the premier Cleantech Forum® events worldwide. Details are available at <http://www.cleantech.com>.

#### **About the Guardian**

The Guardian is a unique voice with an international reach delivering progressive journalism to a global audience. The Guardian's vision is to be the leader on sustainability within the media industry and to be environmentally regenerative in their activities. Through their editorial coverage and business activities, they demonstrate to readers, staff, advertisers, suppliers and their communities that GNM (Guardian News and Media) is committed to enhancing society's ability to build a sustainable future.

#### **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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