



Concord Blue And LanzaTech To Produce Fuels From Waste Biomass Resources In Georgia

LOS ANGELES, Dec. 4, 2013 /PRNewswire/ -- Concord Blue USA, Inc. and LanzaTech have entered into an agreement to integrate their individually proven technologies to demonstrate the production of fuels and chemicals from waste materials.

LanzaTech will install a Concord Blue Reformer at its Freedom Pines facility in Soperton, GA to convert waste biomass from regional forestry operations into syngas. The syngas will be converted by LanzaTech's proprietary gas fermentation process into a range of biofuels and chemicals. The integration and testing at Freedom Pines will serve as an important step towards commercialization of the integrated technologies for multiple projects that both companies have under contract and in development.

"As the U.S. continues to diversify its energy mix and produce more domestic energy, low carbon fuels derived from waste woody biomass and municipal solid waste will play an increasingly important role," said Dr. Jennifer Holmgren, CEO of LanzaTech. "Our partnership with Concord Blue will enable us to extend our technology to these important resources."

Concord Blue has developed a closed-loop, commercially proven, non-incineration process that recycles nearly any form of waste, including landfill waste and sewage sludge, into energy at virtually any scale. By working closely with leading businesses, governments and communities around the globe, Concord Blue creates tailored solutions that safely and effectively dispose of waste streams while producing clean energy through advanced waste conversion.

LanzaTech's proprietary technology has earned a global sustainability certification from the Roundtable on Sustainable Biomaterials at a pre-commercial facility in China. The proven process is able to produce fuels and chemicals through the capture and reuse of a variety of gas streams, such as syngas, from gasified biomass, municipal solid waste and waste gases from industrial processes.

"This partnership and demonstration facility lays the foundation for the expeditious development of large scale projects we have been awarded, like the Four Forests Restoration Initiative (4FRI)," said Charlie Thannhaeuser, chairman and chief executive officer of Concord Blue. "This represents a critical step towards achieving our company's objective to produce drop-in fuels from waste resources and bolster foreign oil independence by producing sustainable non fossil-based fuels."

About Concord Blue

Concord Blue is a waste solutions innovator that transforms nearly any form of waste into a variety of clean, renewable fuels. On October 1st 2013, Concord Blue and Lockheed Martin reached an agreement in which Lockheed Martin will provide its engineering, procurement, manufacturing and integration experience to apply Concord Blue's patented technology globally. Concord Blue operates worldwide, with offices in the United States, Germany, India and Dubai.

About LanzaTech

LanzaTech is a leader in gas fermentation technology that provides novel and economic routes to fuels and high value chemicals from waste gas streams. By leveraging waste resources, LanzaTech's solutions mitigate carbon emissions from industry without adversely impacting food or land security. LanzaTech's unique process, certified by the Roundtable on Sustainable Biomaterials, creates sustainable fuels and platform chemicals that serve as building blocks for everyday products such as rubber and plastics. LanzaTech, a company founded in New Zealand and headquartered in the U.S. is now a global organization with partnerships and funders in India, Malaysia, Japan, the UK and two commercial facilities slotted for construction in 2014 in China. More information is available at www.lanzatech.com.

Media Contact:

Jessica McHugh
(303) 527-4610
jessica.mchugh@ogilvy.com

For additional information about Concord Blue, visit its website: www.concordblueenergy.com

SOURCE Concord Blue

RELATED LINKS

<http://www.lanzatech.com>

<http://www.concordblueenergy.com>

Find this article at:

<http://www.prnewswire.com/news-releases/concord-blue-and-lanzatech-to-produce-fuels-from-waste-biomass-resources-in-georgia-234500491.html>

Check the box to include the list of links referenced in the article.