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Gevo's Alcohol to Jet Fuel Meets Approved ASTM Standard

March 28, 2016

Clears Key Hurdle to Flying First Commercial Test Flight with Alaska Airlines

ENGLEWOOD, Colo., March 28, 2016 (GLOBE NEWSWIRE) -- Gevo, Inc. (NASDAQ:GEVO), announced today that ASTM International Committee D02 on Petroleum Products, Liquid Fuels, and Lubricants and Subcommittee D02.J on Aviation Fuel passed a concurrent ballot this week approving the revision of ASTM D7566 (Standard Specification for Aviation Turbine Fuel Containing Synthesized Hydrocarbons) to include alcohol to jet synthetic paraffinic kerosene (ATJ-SPK) derived from renewable isobutanol (the "D02.J Ballot").

As previously announced, Alaska Airlines is now poised to fly the first-ever commercial test flight using Gevo's renewable alcohol to jet fuel (ATJ). Gevo is preparing the shipment of ATJ to Alaska Airlines for this first flight. Alaska Airlines will work with the Federal Aviation Administration to schedule the flight using Gevo's ATJ.

The D02.J Ballot passed two levels of ASTM technical scrutiny: subcommittee and main committee ballot and is in the final stages of Society Review. The ASTM process is substantially complete as it relates to the approval of the D02.J Ballot. In order to fully complete the process, the ASTM still needs to close the Society Review, perform a final ballot tally, and publish the revision of ASTM D7566 (Standard Specification for Aviation Turbine Fuel Containing Synthesized Hydrocarbons) on its website. It is expected that these final actions will be completed by the ASTM in early April.

Once the revision of ASTM D7566 (Standard Specification for Aviation Turbine Fuel Containing Synthesized Hydrocarbons) is published by the ASTM, Gevo's ATJ will be eligible to be used as a blending component in standard Jet A-1 for commercial airline use in the United States and in many other countries around the globe. Gevo's ATJ would be eligible to be used for up to a 30% blend in conventional jet fuel for commercial flights.

"We're pleased that this newly-revised standard now supports isobutanol based alcohol-to-jet aviation biofuels and we look forward to flying it this year. Developing a domestic, competitively priced, sustainable supply of biofuels is fundamental to Alaska Airline's long term sustainability goals," said Joe Sprague, Alaska Airline's Senior Vice President of External Relations.

Dr. Patrick Gruber, Gevo's Chief Executive Officer, commented, "This ASTM revision is a major achievement and supports one of Gevo's key products. We believe that Gevo's renewable ATJ provides a clear and cost-competitive path for commercial airlines to reduce their greenhouse gas footprints and reduce their particulate emissions from combustion. For Gevo, this step is expected to open a large and significant market to Gevo around which Gevo expects to build a profitable business."

About Gevo

Gevo is a leading renewable technology, chemical products, and next generation biofuels company. Gevo has developed proprietary technology that uses a combination of synthetic biology, metabolic engineering, chemistry and chemical engineering to focus primarily on the production of isobutanol, as well as related products from renewable feedstocks. Gevo's strategy is to commercialize bio-based alternatives to petroleum-based products to allow for the optimization of fermentation facilities' assets, with the ultimate goal of maximizing cash flows from the operation of those assets. Gevo produces isobutanol, ethanol and high-value animal feed at its fermentation plant in Luverne, MN. Gevo has also developed technology to produce hydrocarbon products from renewable alcohols. Gevo currently operates a biorefinery in Silsbee, TX, in collaboration with South Hampton Resources Inc., to produce renewable jet fuel, octane, and ingredients for plastics like polyester. Gevo has a marquee list of partners including The Coca-Cola Company, Toray Industries Inc. and Total SA, among others. Gevo is committed to a sustainable bio-based economy that meets society's needs for plentiful food and clean air and water. Learn more at our website: www.gevo.com.

Forward-Looking Statements

Certain statements in this press release may constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. These forward-looking statements relate to a variety of matters, including, without limitation, statements related to the receipt and timing of final ASTM International approvals, the timing of commercial test flights utilizing Gevo's ATJ, the ability to develop a profitable business around renewable ATJ, the characteristics and qualities of Gevo's renewable jet fuel product and the potential market for such product and other statements that are not purely statements of historical fact. These forward-looking statements are made on the basis of the current beliefs, expectations and assumptions of the management of Gevo and are subject to significant risks and uncertainty. Investors are cautioned not to place undue reliance on any such forward-looking statements. All such forward-looking statements speak only as of the date they are made, and Gevo undertakes no obligation to update or revise these statements, whether as a result of new information, future events or otherwise. Although Gevo believes that the expectations reflected in these forward-looking statements are reasonable, these statements involve many risks and uncertainties that may cause actual results to differ materially from what may be expressed or implied in these forward-looking statements. For a further discussion of risks and uncertainties that could cause actual results to differ from those expressed in these forward-looking statements, as well as risks relating to the business of Gevo in general, see the risk disclosures in the Annual Report on Form 10-K of Gevo for the year ended December 31, 2014, as amended, and in subsequent reports on Forms 10-Q and 8-K and other filings made with the U.S. Securities and Exchange Commission by Gevo.

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