

12:00 10 Sep 2019

Gevo's "breakthrough" technology converts isobutanol into one of the greenest, low-carbon diesels on the market

Gevo Inc (NASDAQ:GEVO) has developed a breakthrough process that converts a high-octane fuel called isobutanol into clean, renewable diesel which should spark high demand from the transportation and marine industries, according to the company's CEO Patrick R Gruber.

The Englewood, Colorado-based company said the green diesel can also be made from fusel oils, a mixture of several alcohols produced as a by-product of fermentation.

Shares in Gevo have climbed steadily since news about the low-carbon diesel product broke last week. Having closed 9.7% higher at \$3.29 on Monday, the shares again climbed 2.5% higher to trade at \$3.37 on Tuesday.

READ: Gevo surges after announcing isooctane agreement with HCS valued at up to \$180M

In an interview, Gruber told Proactive that the renewable diesel is expected to compete head-to-head on price with natural and petroleum-based equivalents, while reducing particulates and CO2 emissions.

"Not only are we going after the whole gallon to replace fossil-based fuels, we are going after the whole slate of renewable low-carbon liquid fuel products. In addition to being a low-carbon intensity fuel, our product has no sulfur or particulates," the CEO said.

"This technology leverages off our platform of low-carbon alcohols and I give credit to our catalytic chemistry team, led by Jonathan Smith, for this breakthrough," he added.

Gruber explained that the "breakthrough process" is similar to processes that Gevo already has in place for making jet fuel and gasoline.

According to Gevo's boss, low-carbon renewable diesel is in "high demand" as clean transportation fuel in diesel engines.

California's Low Carbon Fuel Standard

Gruber noted that demand has increased since California's Low Carbon Fuel Standard came into effect, which is designed to decrease the carbon intensity of California's transportation fuel pool and provide an increasing range of low-carbon and renewable alternatives, which reduce petroleum dependency and achieve air quality benefits.

The marine sector is also looking to reduce sulphur emissions ahead of new international water regulations that come into effect from 1 January 2020, and Gevo expects this compliance to open up another market for its products.

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

Price: 0.965

Market Cap: \$73.08 m

1 Year Share Price Graph



October 2019 April 2020 October 2020

Share Information

Code: GEVO

Listing: NASDAQ

52 week	High	Low
	2.88	0.46

Sector: Chemicals

Website: www.gevo.com

Company Synopsis:

Gevo is a next generation "low-carbon" fuel company focused on the development and commercialization of renewable alternatives to petroleum-based products. Low-carbon fuels reduce the carbon intensity, or the level of greenhouse gas emissions, compared to standard fossil-based fuels across their lifecycle. The most common low-carbon fuels are renewable fuels.

action@proactiveinvestors.com

renewable feedstocks.

The group's stated 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.

Contact Uttara Choudhury at uttara@proactiveinvestors.com

Follow her on Twitter: [@UttaraProactive](https://twitter.com/UttaraProactive)

Proactive Investors facilitate the largest global investor network across 4 continents in 4 languages. With a team of analysts, journalists & professional investors Proactive produce independent coverage on 1000's of companies across every sector for private investors, private client brokers, fund managers and international investor communities.

Contact us +44 (0)207 989 0813 action@proactiveinvestors.com

No investment advice

The Company is a publisher. You understand and agree that no content published on the Site constitutes a recommendation that any particular security, portfolio of securities, transaction, or investment strategy is suitable or advisable for any specific person. You understand that the Content on the Site is provided for information purposes only, and none of the information contained on the Site constitutes an offer, solicitation or recommendation to buy or sell a security. You understand that the Company receives either monetary or securities compensation for our services. We stand to benefit from any volume which any Content on the Site may generate.

You further understand that none of the information providers or their affiliates will advise you personally concerning the nature, potential, advisability, value, suitability or profitability of any particular security, portfolio of securities, transaction, investment, investment strategy, or other matter.

You understand that the Site may contain opinions from time to time with regard to securities mentioned in other products, including Company-related products, and that those opinions may be different from those obtained by using another product related to the Company. You understand and agree that contributors may write about securities in which they or their firms have a position, and that they may trade such securities for their own account. In cases where the position is held at the time of publication and such position is known to the Company, appropriate disclosure is made. However, you understand and agree that at the time of any transaction that you make, one or more contributors may have a position in the securities written about. You understand that price and other data is supplied by sources believed to be reliable, that the calculations herein are made using such data, and that neither such data nor such calculations are guaranteed by these sources, the Company, the information providers or any other person or entity, and may not be complete or accurate.

From time to time, reference may be made in our marketing materials to prior articles and opinions we have published. These references may be selective, may reference only a portion of an article or recommendation, and are likely not to be current. As markets change continuously, previously published information and data may not be current and should not be relied upon.

The Site does not, and is not intended to, provide investment, tax, accounting, legal or insurance advice, and is not and should not be construed as providing any of the foregoing. You should consult an attorney or other relevant professional regarding your specific legal, tax, investment or other needs as tailored to your specific situation.

In exchange for publishing services rendered by the Company on behalf of Gevo Inc named herein, including the promotion by the Company of Gevo Inc in any Content on the Site, the Company receives from said issuer annual aggregate cash compensation in the amount up to Twenty Five Thousand dollars (\$25,000).