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## Gevo Awarded Landmark Patent for GIFT(R) Separation Technology

January 24, 2012

*– Newly issued patent is central innovation in Gevo's retrofit strategy for isobutanol production –*

ENGLEWOOD, Colo., Jan 24, 2012 (BUSINESS WIRE) --Gevo, Inc. (NASDAQ: GEVO), a renewable chemicals and advanced biofuels company, today received a landmark patent from the United States Patent and Trademark Office ("USPTO") on its GIFT(R) separation unit, a central element in the Company's unique fermentation technology for the production of isobutanol.

Gevo was awarded U.S. Patent No. 8,101,808, "Recovery of Higher Alcohols From Dilute Aqueous Solutions." This patent addresses the separation technology used to produce propanols, butanols, pentanols, and hexanols. The claims also address how ethanol plants can be retrofitted to produce higher alcohols.

"This is one of several foundational Gevo patents. The technology described in this patent enables the separation of alcohols from fermentation broth using an elegantly simple design. It solves the long-standing problem for the practical production of higher alcohols, specifically how to separate these alcohol products from fermentation broth and achieve economic concentrations. This is the technology, along with our proprietary yeast, being implemented at our Luverne, Minnesota plant," said Brett Lund, EVP & General Counsel of Gevo. "With the broad coverage of this patent and its 156 claims, it is a significant patent. This technology combined with other elements of our patent estate that cover our biocatalyst, metabolic engineering and enzymes, cause us to believe that we have the intellectual property foundation to provide us and our partners a significant competitive advantage."

Gevo also filed a lawsuit against Butamax(TM) Advanced Biofuels LLC ("Butamax") and its affiliate E.I. du Pont de Nemours and Company ("DuPont") charging that Butamax and DuPont infringe the newly issued patent.

Gevo's proprietary integrated recovery process and related services, or the GIFT(R) system, provides enhanced fermentation performance as well as low-cost, energy-efficient isobutanol recovery. The GIFT(R) system permits the continuous removal of isobutanol as it is formed, increasing productivity and final product concentration.

### About Gevo

Gevo is converting existing ethanol plants into biorefineries to make renewable building block products for the chemical and fuel industries. The Company plans to convert renewable raw materials into isobutanol and renewable hydrocarbons that can be directly integrated on a "drop in" basis into existing chemical and fuel products to deliver environmental and economic benefits. Gevo is committed to a sustainable biobased economy that meets society's needs for plentiful food and clean air and water. For more information, visit [www.gevo.com](http://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 include statements that are not purely statements of historical fact, and can sometimes be identified by our use of terms such as "intend," "expect," "plan," "estimate," "future," "strive" and similar words. 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 the company undertakes no obligation to update or revise these statements, whether as a result of new information, future events or otherwise. Although the company 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, 2010, and in subsequent reports on Forms 10-Q and 8-K and other filings made with the SEC by Gevo.

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