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## **Gevo Meets with Community Leaders Highlighting the Importance of CCS for South Dakota**

LAKE PRESTON, SD, October 20, 2023 — Gevo, Inc., a leading renewable fuels and chemicals company, recently met with key officials representing various sectors in Kingsbury County, South Dakota. The meeting brought together members of the Lake Preston City Council, school district leadership, utility providers, farmers, and wind turbine leaseholders. The focus of this meeting was to provide an update on Gevo's Net-Zero 1 (NZ1) initiative, and to emphasize the pivotal role of carbon capture and storage (CCS) in advancing opportunity in South Dakota.

Gevo's CEO, Dr. Patrick Gruber; President & Chief Operating Officer, Dr. Chris Ryan; and Director of State Government Affairs, Kent Hartwig, discussed the significance of CCS for the NZ1 initiative.

### **Key Discussion Points**

"Let me be clear, Gevo does not want to leave South Dakota. We have a strong commitment to the state, our investments in Lake Preston, and to the local producers. We are just here to state the facts. CCS has increased in value and is the new competitive standard based on the economics that are coming out of new federal policies, thus giving an advantage to states that have or will adopt CCS. If South Dakota doesn't adopt CCS, Gevo would potentially be disadvantaged by 30 carbon intensity points. That equates up to \$0.90 per gallon in sustainable aviation fuel (SAF) value and would result in a loss of about \$0.30-0.40 per gallon in other clean fuel incentives. That doesn't make good business sense," noted Dr. Patrick Gruber, CEO.

**Supporting Local Farmers and Ethanol producers:** Under new federal policies based on fuel carbon intensity, CCS is expected to be valued at about 30 carbon intensity (CI) points, which translates to tangible economic benefits for both ethanol and SAF production. Expressed on a corn basis, the total potential value is equivalent to approximately \$2 per bushel corn. Also, in an era of growing interest in electric vehicles, Gevo believes CCS is essential for the South Dakota ethanol market to maintain its competitiveness.

**The Stakes:** Without CCS, Gevo would potentially be disadvantaged by around 30 CI points, and this disadvantage could cause Gevo to seek opportunities in states that offer CCS. Ideally, Gevo doesn't want to make a change as it would deprive central South Dakota of a potentially \$1 billion or more of NZ1 investment and eliminate the



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expected regional economic potential of \$200-400 million annually and hundreds of jobs.

**Status of NZ1:** Gevo has demonstrated a substantial commitment to South Dakota by investing approximately \$100 million in the NZ1 project to date for engineering, site development, and long lead equipment. The completed engineering work covers carbohydrates to ethanol, ethanol to jet fuel, and the balance of plant, with multiple patents filed to protect innovations. The project's financing for NZ1 is currently in progress, and efforts are underway to finalize price and schedule for the engineering, procurement, and construction (EPC) contracts. In addition, the company has entered the due diligence process for a Department of Energy loan guarantee, indicating a pursuit of further financial support. Furthermore, Gevo has agreements with farmers covering over 57,000 acres in the region in our Climate Smart Commodities program, monitored by Verity, a positive step towards securing essential resources. It is important to note that the Gevo NZ1 design is a "design one, build many" approach. Gevo owns the plant design and is working hard to make sure that the designs could also be applied at other sites with a minimum amount of change. Gevo is pursuing several other locations across the Midwest to build out our plant network. It currently has a purchase option in place for another attractive potential site in Southeast South Dakota. No decisions have been made to move forward, but this site may have the potential for a future Gevo plant.

### **The Potential Economic Impact for South Dakota with CCS:**

Gevo: The Lake Preston NZ1 facility is estimated to be the largest economic development project in South Dakota history with an estimated annual regional value of greater than \$200 million. It is also expected to:

- Attract capital investment of potentially over \$1 billion
- Create approximately 450 full-time jobs (direct, indirect, and induced)
- Annually source 38 million bushels of locally grown corn from sustainable agriculture practices
- Annually produce 65 million gallons of renewable transportation fuels
- Annually produce ~1.5 billion pounds of low carbon animal feed and protein on a wet basis to put back into the region and market
- Annually produce ~34 million pounds of low carbon corn oil, which is a valuable feedstock to produce renewable diesel or biodiesel
- Capture and sequester up to 290,000 tons of biogenic CO<sub>2</sub>

Zero6 Energy: Plans to construct a \$200+ million wind farm and \$65+ million green hydrogen production facility to supply NZ1's electrical and hydrogen needs. This is expected to create over 200 construction jobs and 15 full-time positions.



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Summit Carbon Solutions: Expected to support over 2,300 jobs and create an annual economic impact of \$77 million in South Dakota and \$13 million in annual tax revenue.

Kingsbury Electric Cooperative and East River Electric Power Cooperative: Gevo is working with these electric cooperative utilities to build the electrical infrastructure that will serve NZ1 with power and benefit the wider communities they serve.

### **Forward-Looking Statements and Disclaimer**

Certain statements in this document 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, the status of NZ1, potential economic impact of NZ1, financing of NZ1, economic impact of CCS and related federal rules and regulations, Gevo’s intellectual property and plant designs, 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, 2022, 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.

Information in this document regarding Zero6 Energy and Summit Carbon Solutions has been provided by those third parties and has not been independently verified by Gevo.

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