



# Gevo Billion Gallon Initiative



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# OVERVIEW OF GEVO, INC. (NASDAQ: GEVO)

## Business Overview

- Headquarters: Englewood, CO
- Number of Employees & Contractors: 110
- Founded: 2005

- **BILLION GALLONS BY 2030**
- **Decarbonize hydrocarbon fuels, especially SAF** – integrating climate-smart agriculture, process energy optimization and de-fossilized repowering solutions to provide the foundation for our net-zero footprint
- **Drive Growth**
  - Take advantage of a scalable supply of raw materials—carbohydrates
  - Technologies work, go big & fast while being responsible and accountable

## Facilities Overview

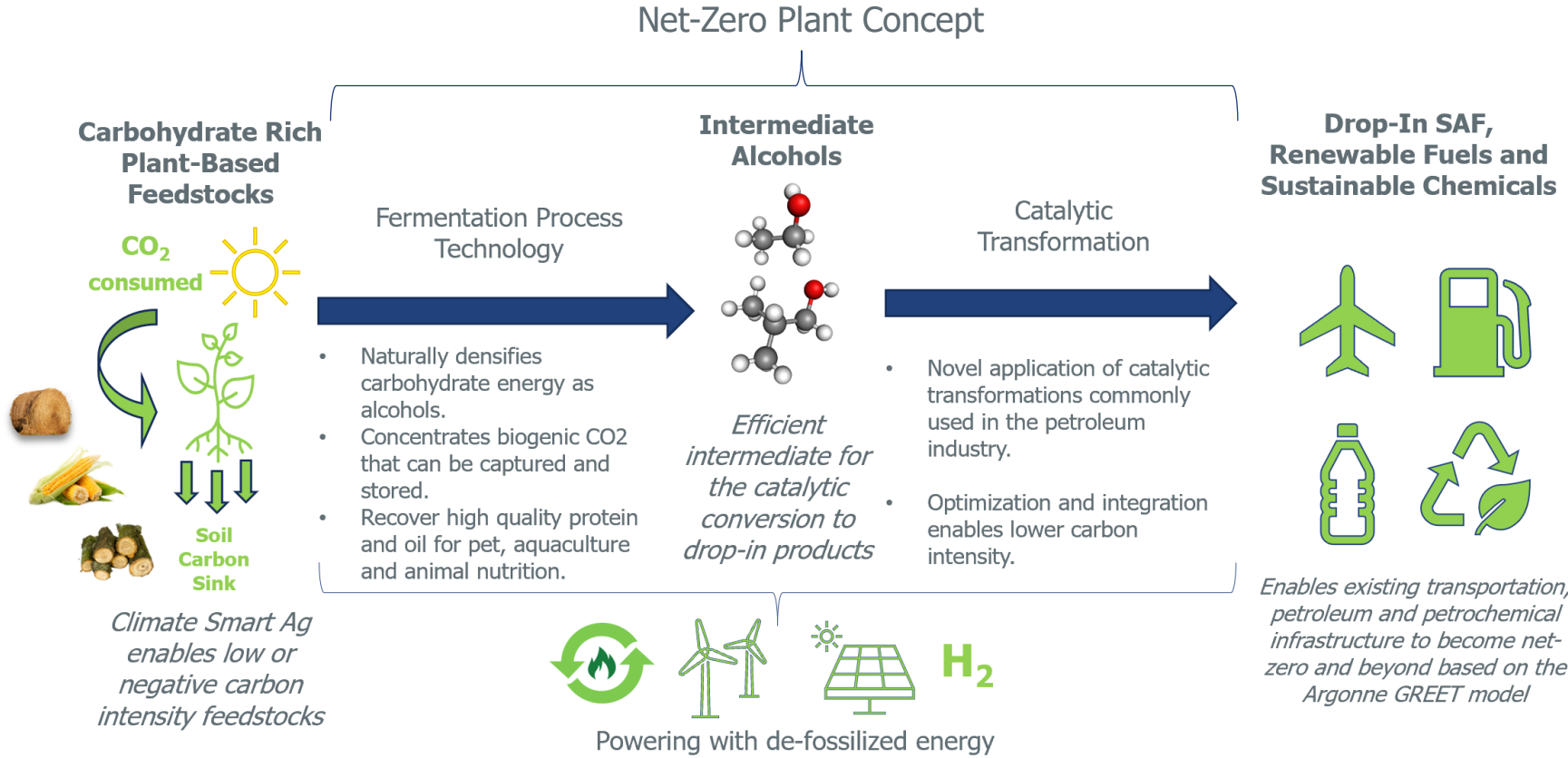
1. Corporate Headquarters (Englewood, CO) – Offices and Labs
2. Net-Zero 1 (Lake Preston, SD) – To Be Built, 60MMGPY hydrocarbons and ~420,000lbs/y of high-value nutritional products. **The hydrocarbons are expected to have a net-zero GHG footprint across the life-cycle**
3. Development Facility (Luverne, MN) – Capacity to produce 1.5 MMGPY IBA; production-proven in full-scale fermenter system
4. Jet fuel and gasoline plant (Silsbee, TX)<sup>(1)</sup> – 100,000/GPY of capacity; operating since 2011, producing jet and isooctane for gasoline



(1) Operated in partnership with South Hampton Resources, Inc.

# CARBOHYDRATES TO SAF: THE NET-ZERO BUSINESS SYSTEM

Goal is to achieve 1BGPY of capacity or more by 2030

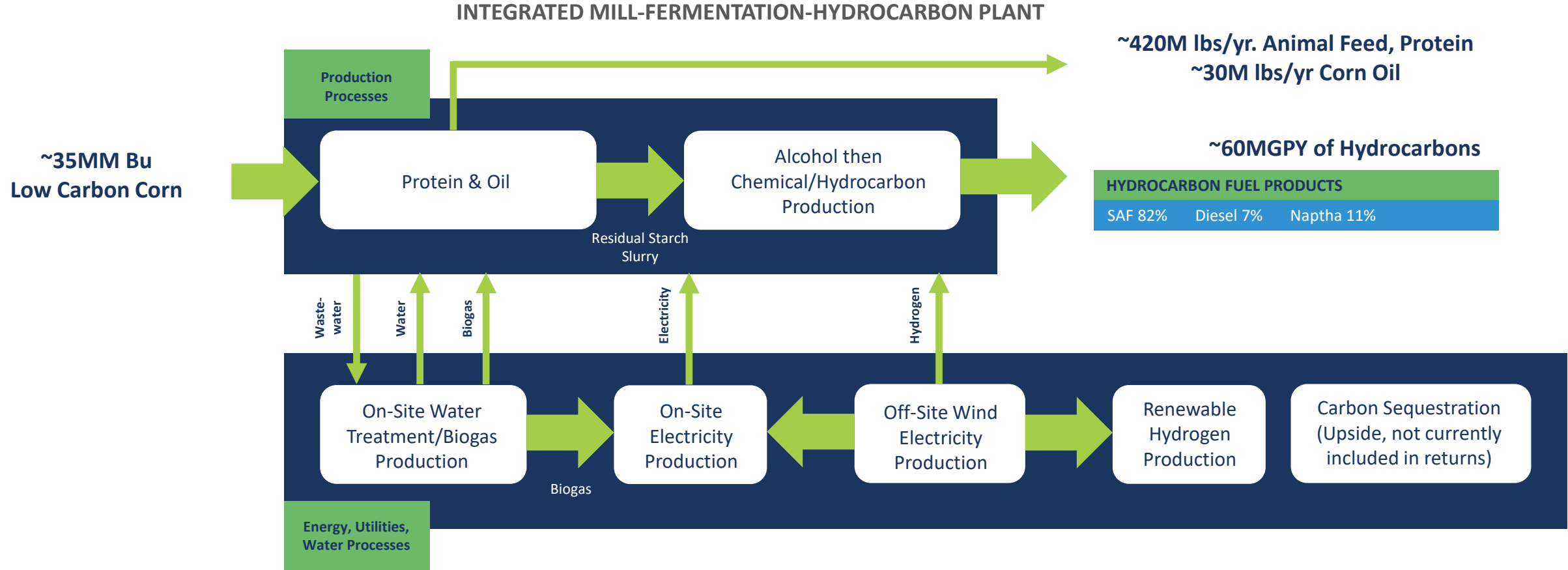


Blockchain Enabled Tracking and Carbon Accounting



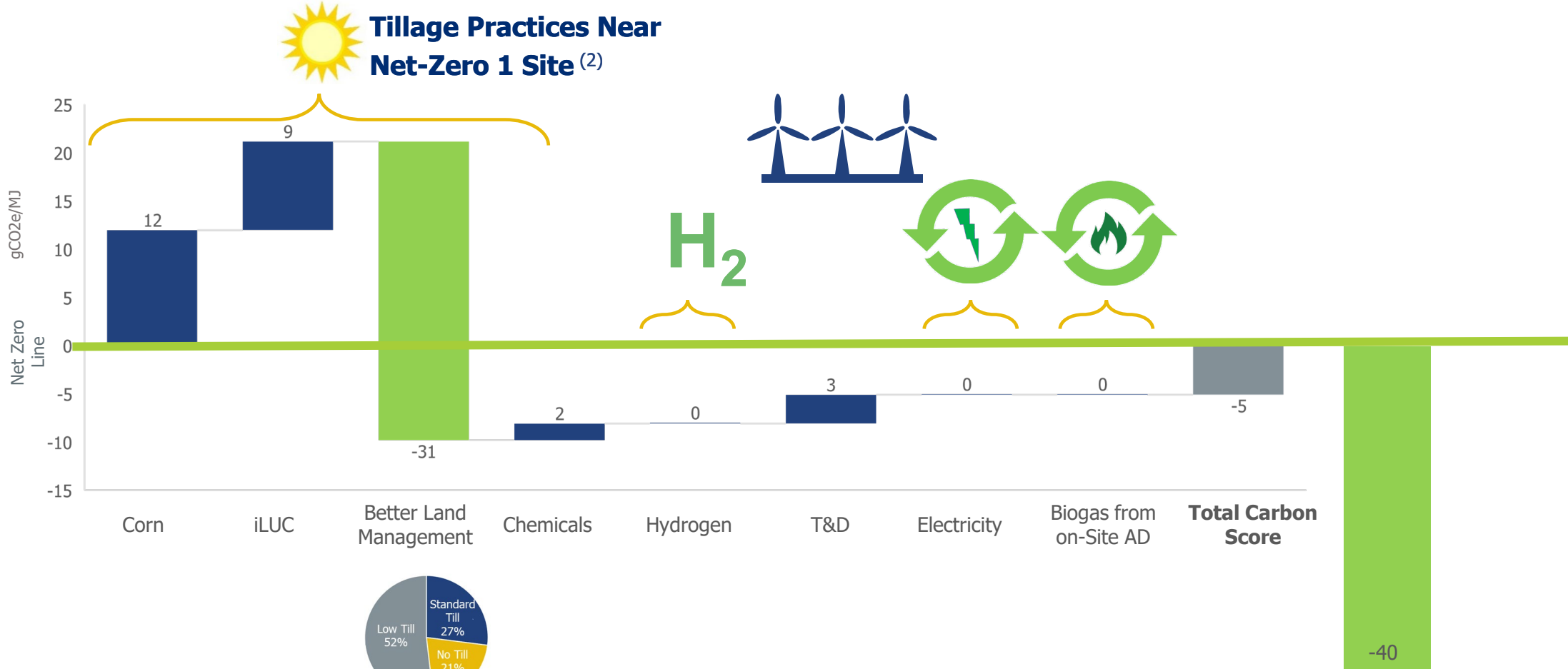
# NET-ZERO 1\*: BEING ENGINEERED NOW-EXPECTED TO BE OPERATING IN 2025

One site, Multiple "Off-the-Grid"\*\*\* integrated plants: Mill, Protein, Oil, Chemical and Hydrocarbon Plant  
 Projected Net-Zero 1 Project EBITDA: ~\$150-200M/yr (Based on current assumptions)\*\*\*, ~\$900M Total Capex (financed and installed)  
 Site: Lake Preston, SD



\*Currently Planned for Lake Preston, SD volumes of inputs and products are subject to change. \*\*The plant would be connected to the grid to supply energy to the grids, and also to take energy from the grids if needed. The plant is being designed to be self sufficient for its energy between what can be generated on-site and from the planned off-site wind farm. Gevo may also bring RNG to the plant from its RNG project. The financial projections on this slide are based on certain assumptions such as corn price, oil price, protein price, carbon value, and others that can change. The financial projections are also based on current engineering and design work completed to date which work has approximately a plus/minus 50% error bar. \*\*\*Estimated based on current assumptions, including those around future commodity pricing and future environmental benefit credit values, and preliminary engineering work

# NET-ZERO 1 PRODUCT GHG SOURCES (BASE CASE)



Note: Gevo is actively working with Argonne to publish GHG values for Net-Zero 1 and future plants.  
 (1) Better management defined by Argonne on average as low farming CI, and sustainable farming practices like cover crops.  
 (2) Depending on corn portfolio Gevo has, the -31gCO<sub>2</sub>/MJ value shown here will vary between 0 and -62. On average Gevo is assuming a conservative portfolio that mainly sources low tillage corn.

# TRACKING CARBON AND SUSTAINABILITY ACROSS THE BUSINESS SYSTEM



Gevo is partnering with Blocksize Capital to establish a **blockchain** technology for tracking sustainability, building trust and setting the highest standards for the industry



Savings due to digitalization & automation



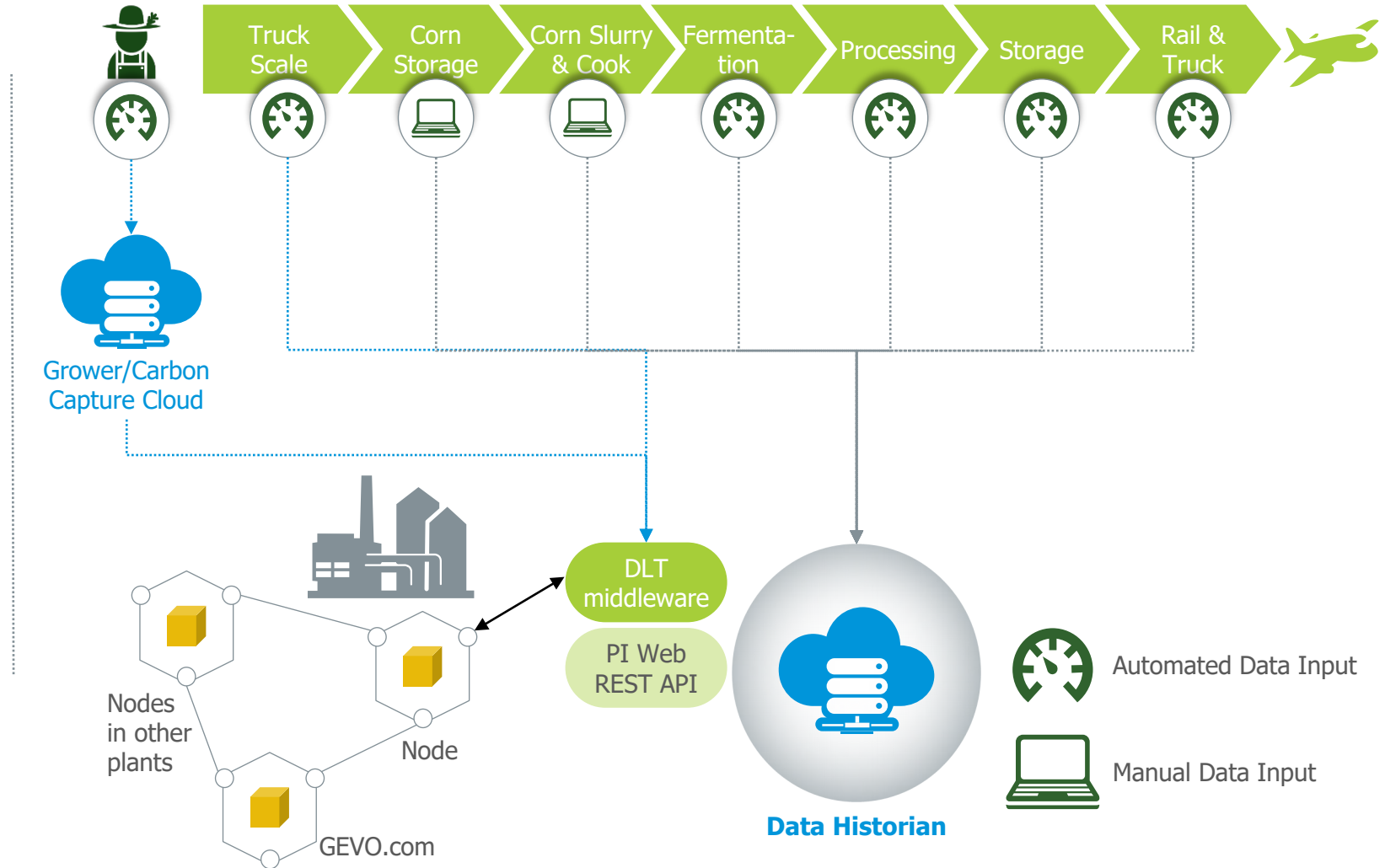
Encoded Data



Tamper-proof



Avoid Greenwashing and Double Counting



## FOR ADDITIONAL INFORMATION ABOUT GEVO

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**These short videos explain more about Gevo, our process, business system, and how we think about sustainability**

[Why Argonne GREET is the Superior Model](#)

NET ZERO 1 (1:52): <https://vimeo.com/540736374>

Gevo – Solving Energy (2:00): <https://vimeo.com/531083659>

Working Toward Zero Carbon Footprint (2:46): <https://vimeo.com/440219829>

Food and Fuel (1:19): <https://vimeo.com/440220247>

Where we are so far (1:21): <https://vimeo.com/416215170>

Replacing Fossil Based Carbon (2:07): <https://vimeo.com/396232536>

Farming Carbon & Soil Conservation (1:54): <https://vimeo.com/379773448>

Sustainable Jet Fuel (1:59): <https://vimeo.com/379896308>

Partners with Mother Nature (1:49): <https://vimeo.com/416215170>

Going After the Whole Gallon(0:50): <https://vimeo.com/451342705>

We are Recycling Carbon (0:45): <https://vimeo.com/451341985>

Our Circular Economy (0:48): <https://vimeo.com/451341499>

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