UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 8-K

CURRENT REPORT
Pursuant to Section 13 or 15(d)
of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): September 9, 2019

Gevo, Inc.

(Exact name of registrant as specified in its charter)

Delaware	**001-35073**	**87-0747704**
(State or other jurisdiction of incorporation)	(Commission File Number)	(IRS Employer Identification No.)

345 Inverness Drive South, Building C, Suite 301 Englewood, CO 80112
(Address of principal executive offices)(Zip Code)

Registrant's telephone number, including area code: **(303) 858-8358**

N/A
(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
☐ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
☐ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
☐ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	**Trading symbol**	**Name of exchange on which registered**
Common Stock, par value $0.01 per share	GEVO	Nasdaq Capital Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company ☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Item 7.01. Regulation FD Disclosure.

On September 9, 2019, Gevo, Inc. will be presenting at the 21st Annual H.C. Wainwright Global Investment Conference in New York City. The presentation materials to be utilized during the conference are furnished as Exhibit 99.1 to this Current Report on Form 8-K.

The information in this Item 7.01 shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such filing.

Item 9.01. Financial Statements and Exhibits.

(d) *Exhibits.*

Exhibit No.	Description
99.1	Investor Presentation, September 2019.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

GEVO, INC.

Dated: September 9, 2019

By: /s/ Geoffrey T. Williams, Jr.
Geoffrey T. Williams, Jr.
General Counsel and Secretary

Exhibit 99.1

FORWARD LOOKING STATEMENTS

Any statements in this presentation about our future expectations, plans, outlook and prospects, and other statements containing the words "believes," "anticipates," "plans," "estimates," "expects," "intends," "may" and similar expressions, constitute forward-looking statements within the meaning of The Private Securities Litigation Reform Act of 1995. Actual results may differ materially from those indicated by such forward-looking statements as a result of various important factors, including risks relating to: the success of our sales and production efforts in support of the commercialization of our products; our growth plans and strategies; our technologies; the sizes of markets for our products; the benefits and characteristics of our products; letters of intent or LOIs relating to potential sources of capital; our ability to raise funds to continue operations or fund growth projects; our projected revenues or sales; our ability to become profitable; laws and regulations supporting or providing economic advantages to low-carbon products; the potential that adverse changes could be made to laws and regulations supporting or providing economic advantages to low-carbon products; and other factors discussed in the "Risk Factors" of our most recent Annual Report on Form 10-K for the fiscal year ended December 31, 2018 and in other filings that we periodically make with the SEC. In addition, the forward-looking statements included in this investor presentation represent our views as of the date of this investor presentation. Important factors could cause our actual results to differ materially from those indicated or implied by forward-looking statements, and as such we anticipate that subsequent events and developments will cause our views to change. However, while we may elect to update these forward-looking statements at some point in the future, we specifically disclaim any obligation to do so. These forward-looking statements should not be relied upon as representing our views as of any date subsequent to the date of this investor presentation.

FOCUS: VERY LOW CARBON FUELS (AND CHEMICALS) THAT CAN MAKE MONEY

Raw Materials

Most carbohydrate-based raw material can work

Target Markets/Products

Jet Fuel

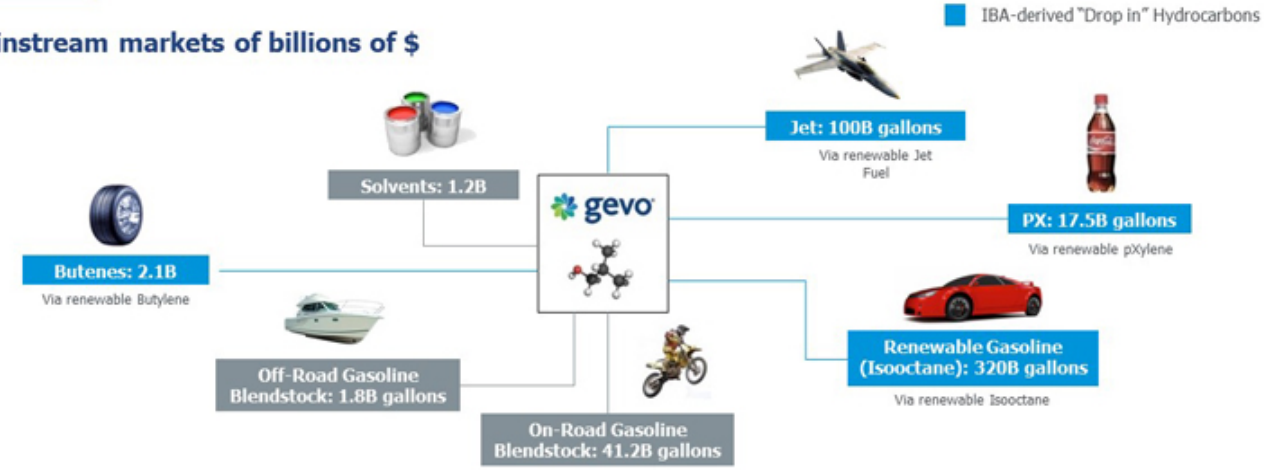
Gasoline (Isooctane)

Oxygenated Blendstocks for Gasoline (Ethanol and Isobutanol)

- Production technologies work
- Products work
- Markets are developing
- We are selling products
- We still need to achieve economies of scale

ENORMOUS MARKET POTENTIAL

Mainstream markets of billions of $



Products work, and have potential to make money.

Sources: EIA, IEA and Nexant, US DOT FHWA

IT'S A NEW PARADIGM

SUMMARY

Business Overview

- Headquarters: Englewood, CO
- Founded: 2005
- Employees: ~50 (20 in Colorado, 30 in Minnesota) + 20 Contractors
- Proprietary technology position (patents and know-how) for the production of isobutanol and hydrocarbon fuels and chemicals
- **Technologies proven to work**
- **Produces: Ethanol, IBA, Jet Fuel, Isooctane, Feed, Corn Oil**

Facility Overview

- Corporate Headquarters (Englewood, CO) – Offices and Labs
- Alcohol Production Facility (Luverne, MN) – 20MGPY Ethanol, 1.5 MGPY IBA. Potential for low carbon credits. Potential to build out IBA to 14-18 MGPY leveraging already install capex
- Jet and Isooctane Biorefinery* (Silsbee, TX) – Demo/specialty commercial facility that transforms isobutanol to jet fuel, isooctane and para-xylene (PX). 100 KGPY of capacity

Luverne, MN Facility

Silsbee, TX Facility

End Markets Served

- Renewable jet fuel
- Renewable gasoline (isooctane)
- Specialty gasoline blendstocks
  - "Ethanol (ETOH) free" high octane gasoline
    - Marine / Off-road blendstock
    - On-road use for high performance, racing and classic cars
  - Low carbon ethanol
- Animal Feed, protein, and corn oil
- Specialty chemicals and solvents

Customers, Partnerships, and Agreements

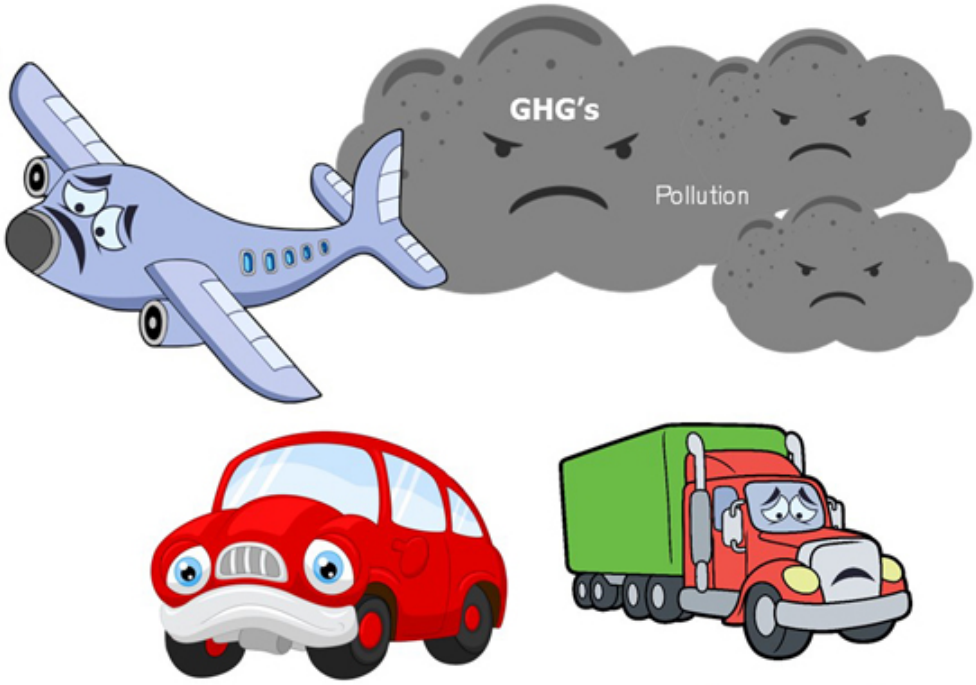
The customers and partners on this slide represent current and past customers/partners
*Operated in Partnership with South Hampton Resources, Inc.

OTHER RELEVANT INFORMATION

- Cash
  - $29 Million (6/30/2019):
- Debt
  - 2020 Notes (Whitebox): $13.9 million principal (8/21/2019):
- Common Shares
  - ≈ 13.4 million (8/21/2019):
- Warrants
  - 54,989 Warrants outstanding @ avg of $44/share (8/21/2019):
- Current Analysts
  - Amit Dyal, HC Wainwright
- Management and Insider holdings
  - 10.8% of stock (8/21/19)

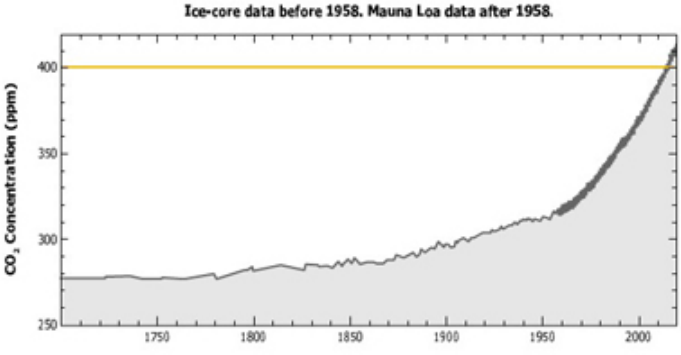

MARKET DRIVERS
gevo

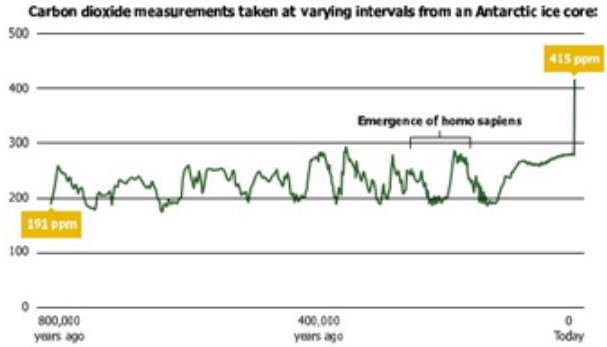
WE ALL HAVE A PROBLEM



A NEW WORLD RECORD EVERY YEAR

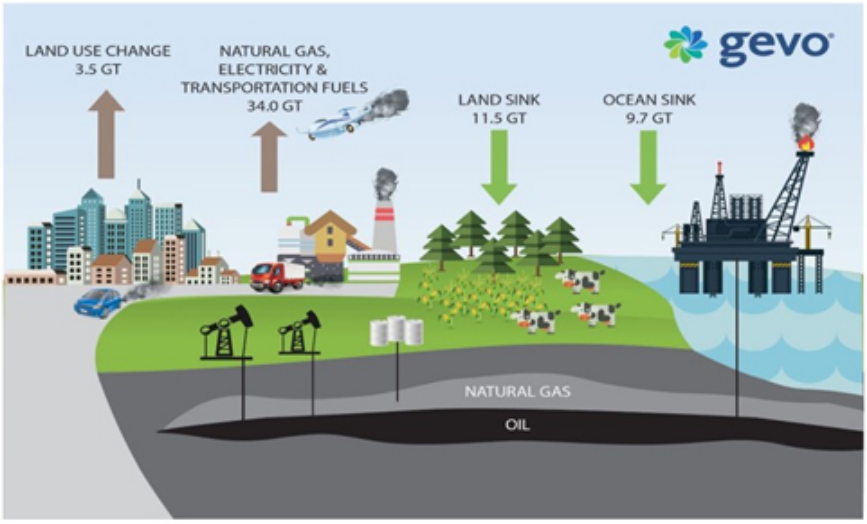
- Latest CO_2 reading May 11, 2019
- Carbon dioxide levels at 800,000-year high

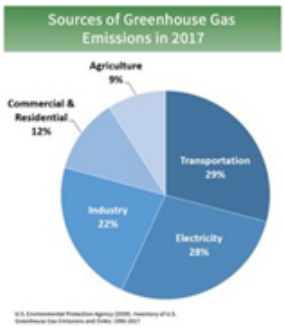


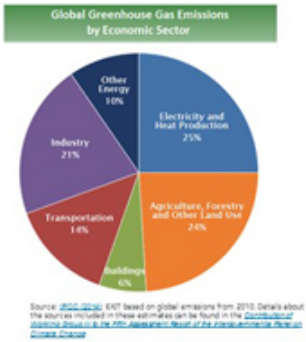


Source: World Data Center for Paleoclimatology, Boulder and NOAA, Paleoclimatology Program

THE PROBLEM:
FOSSIL CARBON IN THE ATMOSPHERE INCREASING

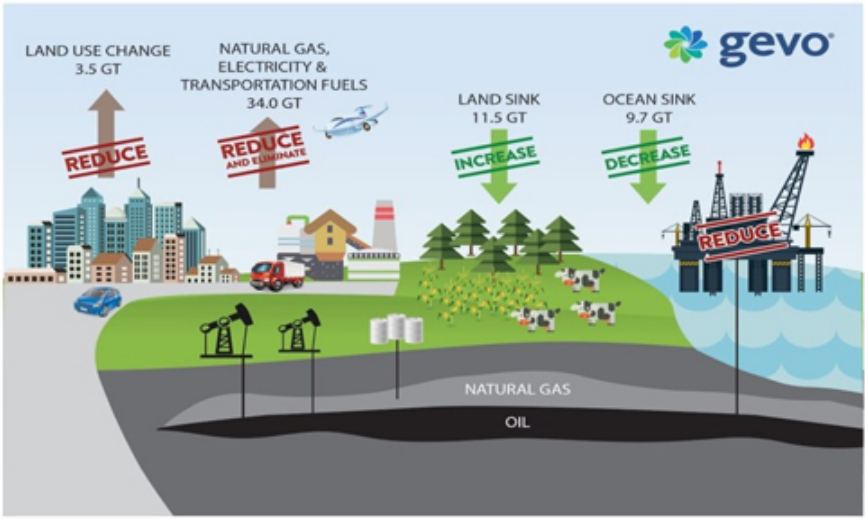






Data: CDIAC/NOAA-ESRL/GCP Carbon Budget / GT=Giga tons / Increase of 16GT from 2006 to 2015

WHAT CAN WE DO?

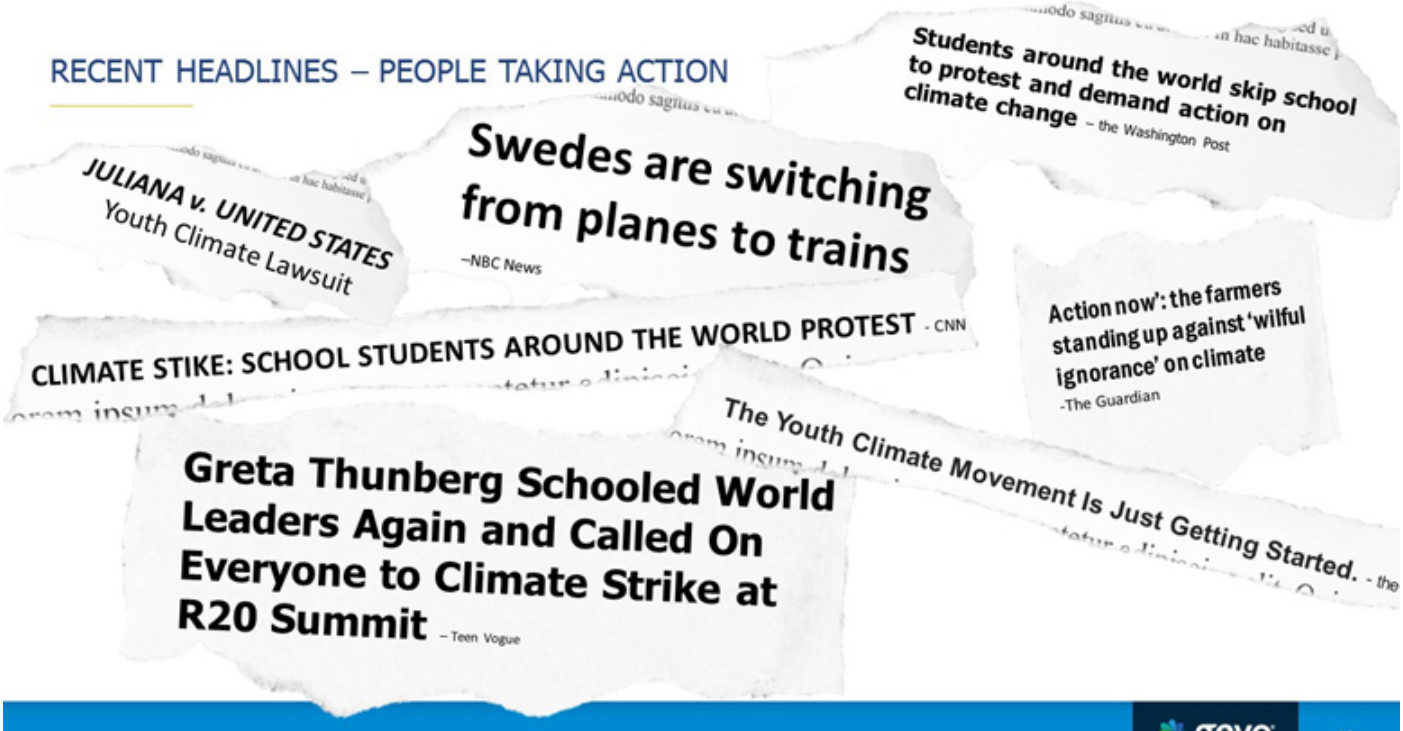


- Eliminate burning of fossil based carbon in production of electricity and transportation fuels
- Use forestry and agriculture to capture carbon in the soil, plants, and trees

Data: CDIAC/NOAA-ESRL/GCP Carbon Budget / GT=Giga tons

RECENT HEADLINES – CLIMATE CHANGE

RECENT HEADLINES – PEOPLE TAKING ACTION



RECENT HEADLINES – HEALTH IMPACTS

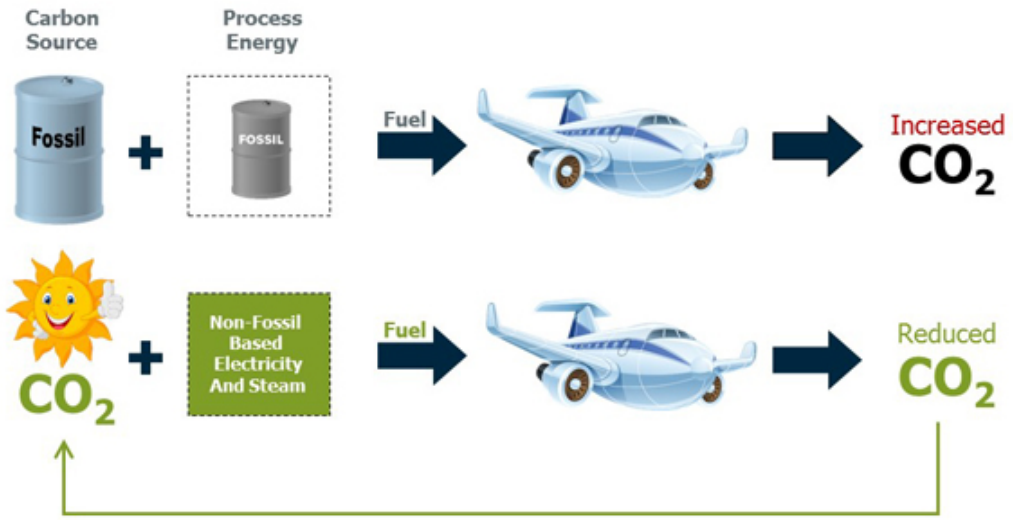
RECENT HEADLINES – WHO IS ACCOUNTABLE?

WHO IS RESPONSIBLE?

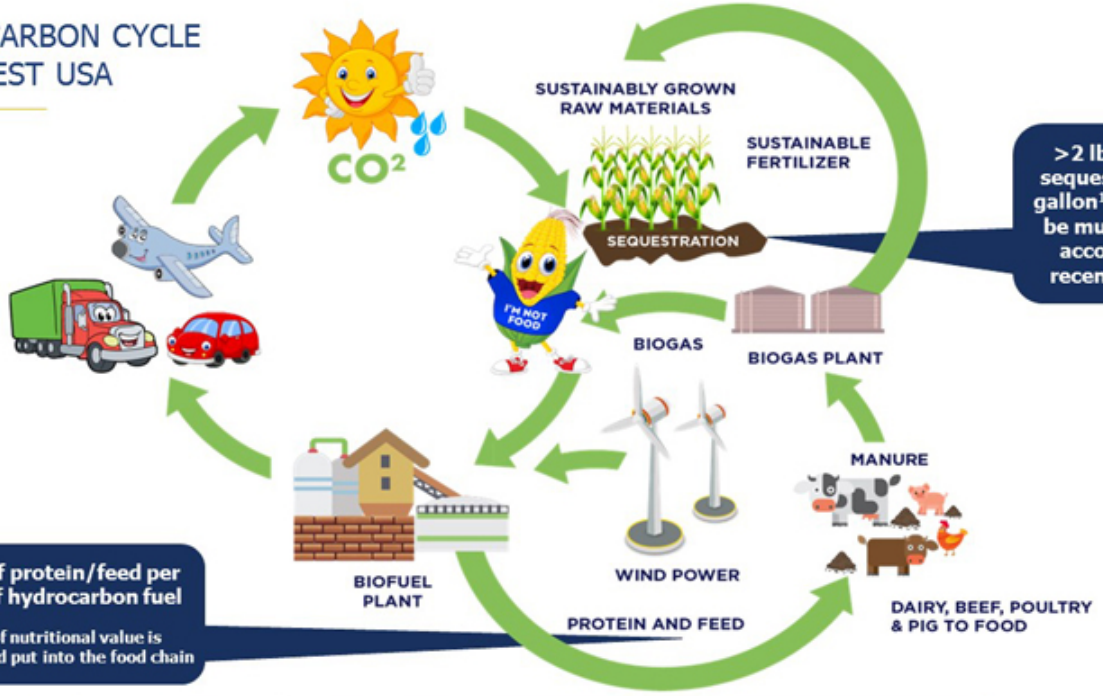
WE ARE GOING AFTER THE "WHOLE GALLON"

- Huge potential to change the game, possibly even negative carbon emission
- Compliment electrification of the transportation sector (not all regions can be easily electrified)
- Doesn't require change of transportation engines (autos or jet), or fuel infrastructure

REPLACE THE **CARBON SOURCE** AND **ENERGY SOURCE** TO ELIMINATE GHG'S FROM FUELS



LOW CARBON CYCLE MIDWEST USA



Sheehan, et al, 2017; Mueller, et al, 2019; Indigo reports that 10-15X more could be sequestered

CELLULOSIC FEEDSTOCKS ARE ENABLED

Enables Potential Global Scale

praj

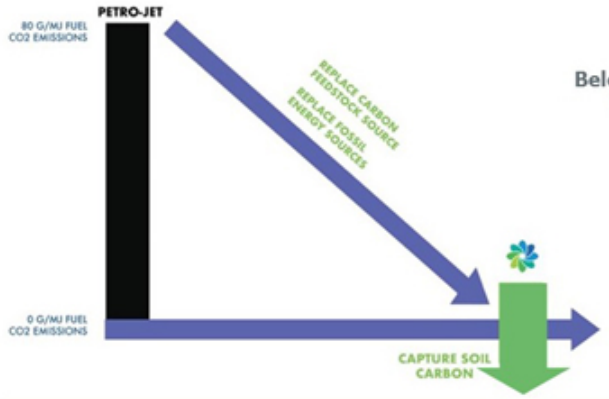
Cane, Molasses, Bagasse, Rice Straw, Wheat Straw, Corn Stover

Renmatix

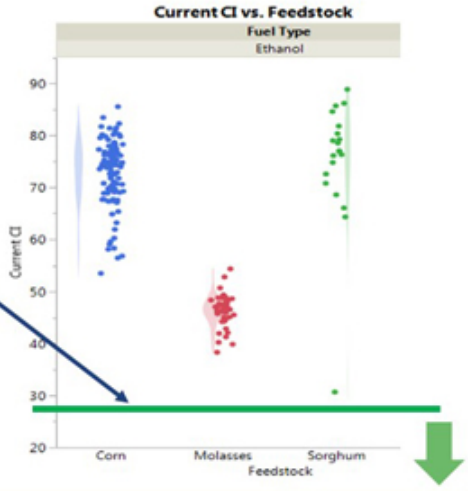
Wood, Forestry Residues, Slash, Stover

WE CAN GET TO VERY LOW CARBON FOOTPRINTS

And get paid for it



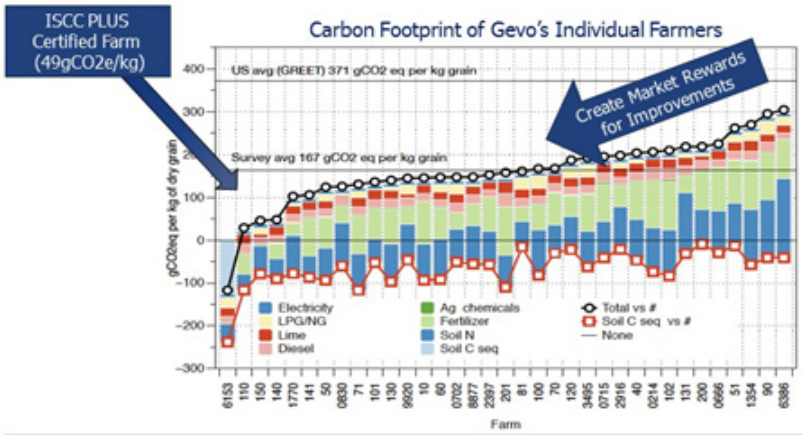
Below this line is where Gevo wants to be



The carbon footprint has potential to be driven to negative with agricultural practices or with more renewable natural gas (RNG)

OUR FARMERS ARE VERY GOOD, AND WE CAN MAKE THEM BETTER

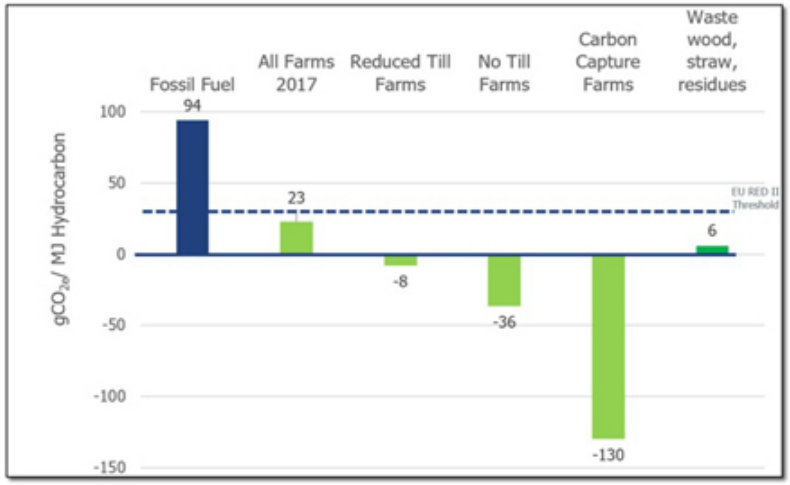
Measure, Improve, Reward



- Already lower than the US average by 50%
  - Precision agriculture
  - Low till/notill planting
  - Moving to manure based fertilizer
- Future upside potential

Rewarding farmers for improvement should lower the carbon footprint

HOW TO REVERSE GHG'S AND GENERATE PROTEIN FOR FOOD CHAIN

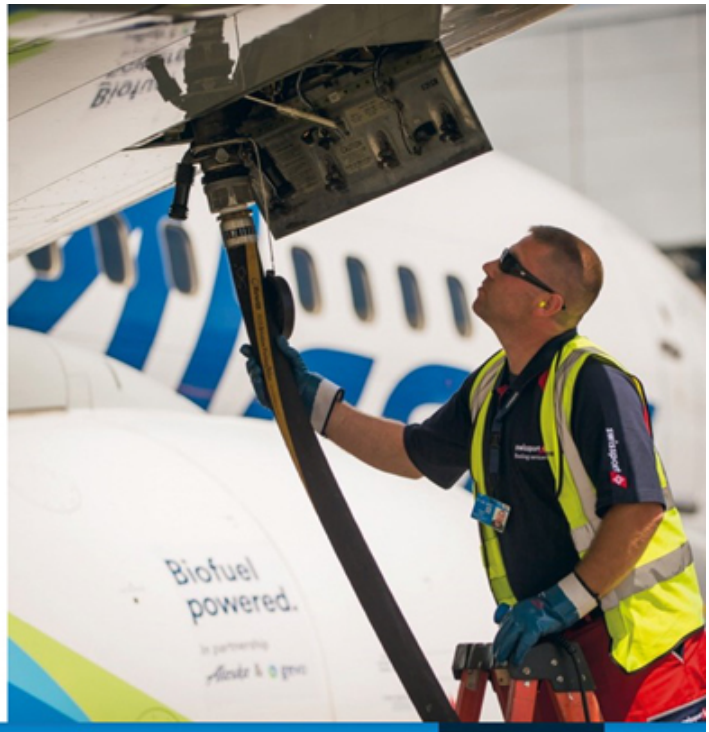


Agriculture improvements are practical and being done

- We fully expect to be able to meet RED II, RSB, and ISCC requirements
- Agricultural improvements can lead to sequestered carbon in the right systems
- Agricultural improvements frequently lead to higher yield and more protein

Companies such as Indigo, Farmers Business Network, and Locus, believe that soil carbon capture can be dramatically increased leading to orders of magnitude increase by building root systems. If true the amount of carbon capture per gallon could be in the 10's of kgs per gallon. We are working with these companies to figure it out.

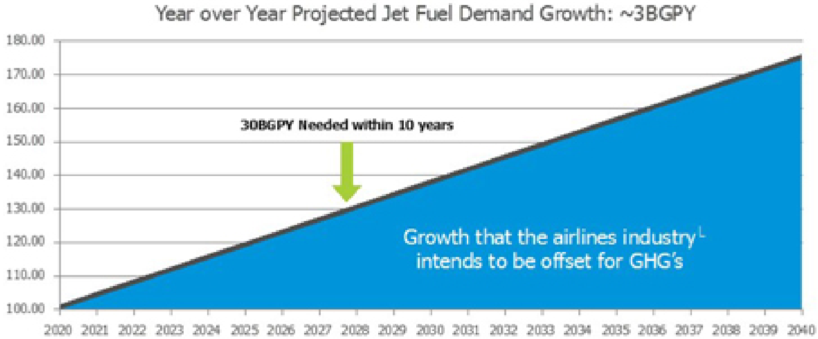
HOW TO ACHIEVE PROFITABILITY AND GET ON THE PATH TO A MULTI-BILLION DOLLAR BUSINESS



THE AVIATION INDUSTRY HAS AN OPPORTUNITY… AND A PROBLEM

They are expecting to experience strong growth….
but, they have promised to hold GHG emissions flat from 2020 onward

World Jet Fuel Demand



GEVO JET FUEL





PRODUCTS WORK, WE ARE BUILDING EXPERIENCE

FLYGREEN
Fueled by Gevo

WE INTEND TO REPLACE THE "WHOLE GALLON" OF GASOLINE

Starting with Isooctane

- Key ingredient. It works; we are making it and selling it
- Small engine, packaged fuels, engine OEM and racing

Haltermann Carless

BCD

TOTAL

bp

gevo

Low carbon and clean (low sulfur, low aromatics, low olefins)

Certificate of Analysis

Product Code: IBF007
Product Description: Renewable Isooctane

Tests	Method	Specification	Results
Appearance at 60°F (15°C)	Visual	Bright and Clear	Pass
Density @ 60°F (lb/gal)	ASTM D4052	Report	5.88
Bio Content	ASTM D6866	>95%	>95%
Water (mg/kg)	ASTM D06304	<150 ppm	91 ppm
Olefin	ASTM D1319	<5.0%	0.0%
Sulfur Content (mg/kg)	ASTM D5453	<10.0%	<0.16 ppm
Reed Vapor Pressure	ASTM D5191	Report	1.7 psi
Research Octance Number (RON)*	ASTM D2699	>95	98.0
GC Analysis - C8 Content	Gevo F36	>95%	96.1%

* Performed by Inspectorate Labs, 6175 Highway 347, Beaumont, Texas 77705-7657 Phone: 409-212 9322

ISOOCTANE IN PERFORMANCE FUELS

Start with high value niche

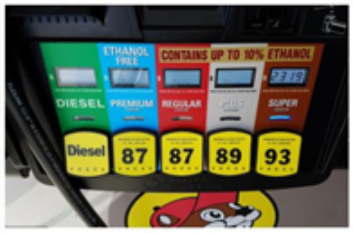
Up to 4MGPY under take-or-pay contract

Haltermann Carless

ISOBUTANOL AS A GASOLINE BLENDSTOCK

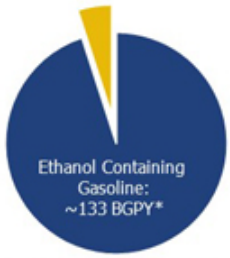
Isobutanol delivers better properties than other renewable alcohol blendstocks

- Higher energy (potential for more miles per gallon)
- Less corrosivity (less wear and tear on certain types of engines)



Ethanol Free Gasoline in Houston

Ethanol Free: ~7BGPY*

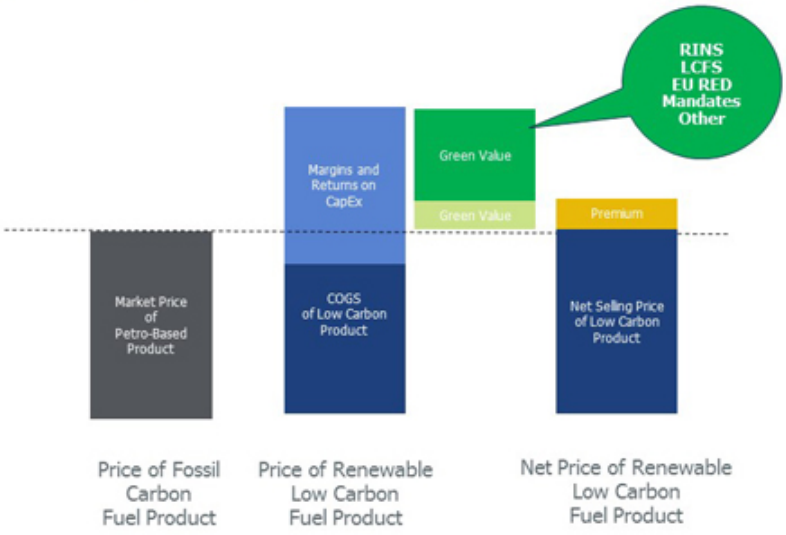


Market Size: ~140 BGPY*

Focus is to develop markets and deployment channels in key markets where ethanol free gasoline is in demand

*Sources: US DOE – gasoline, US EPA/American Petroleum Institute: E0 market size, Stillwater consulting

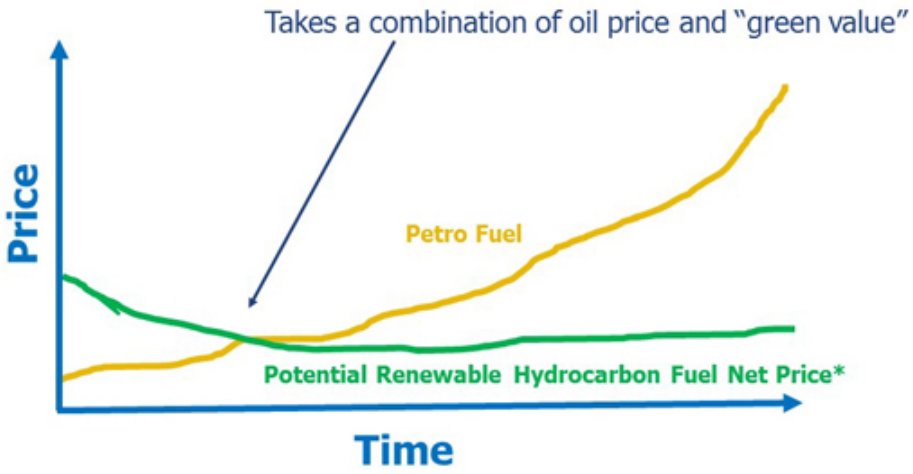
WE CAN BE COST COMPETITIVE WITH COMMODITY PETRO-BASED FUELS AND OTHER HYDROCARBON PRODUCTS



- Carbon value is more reliable because of LCFS and EU RED policies
  - Debt providers have indicated that they are more comfortable with ongoing value of carbon
- We have contracted about 50% of our planned expansion for IBA and hydrocarbon, and we expect to complete the rest of the volume in the near term

The information on this page is illustrative and the graphs are not to scale. The selling prices are dependent on a number of known and unknown factors, including, but not limited to, the price of oil, the price of comparable oil-based products, renewable or "green" carbon value, and the laws and regulations affecting renewable carbon value.

RENEWABLE HYDROCARBONS SHOULD EVENTUALLY BE LESS EXPENSIVE



** ATJ estimated economics are based on optimized future plant and include RIN and tax credits*
Source: EIA 2016 Annual Energy Outlook, USDA Agricultural Projections to 2025, Global Harvest Initiative

Our Technology and Products

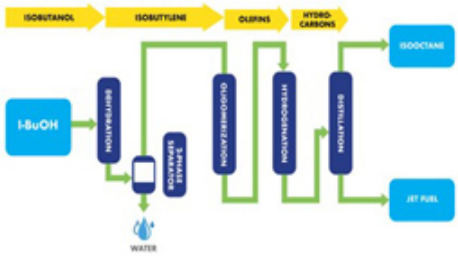
Process and products proven to work

MAKING PRODUCTS

1 Million Liter Fermenter

Hydrocarbon Production* Silsbee, TX

Ethanol and IBA Production - Luverne, MN



* Operated in Partnership with South Hampton Resources, Inc.

CURRENT PRODUCTION & PRODUCTS

Isobutanol/Ethanol Plant
Luverne, MN

Renewable Hydrocarbon Plant
South Hampton Resources - Silsbee, TX

Products Sold

~100 Milion lbs./ yr.
Animal Feed

~3 Milion lbs./ yr.
Industrial Corn Oil

~1.5 MGPY
IBA

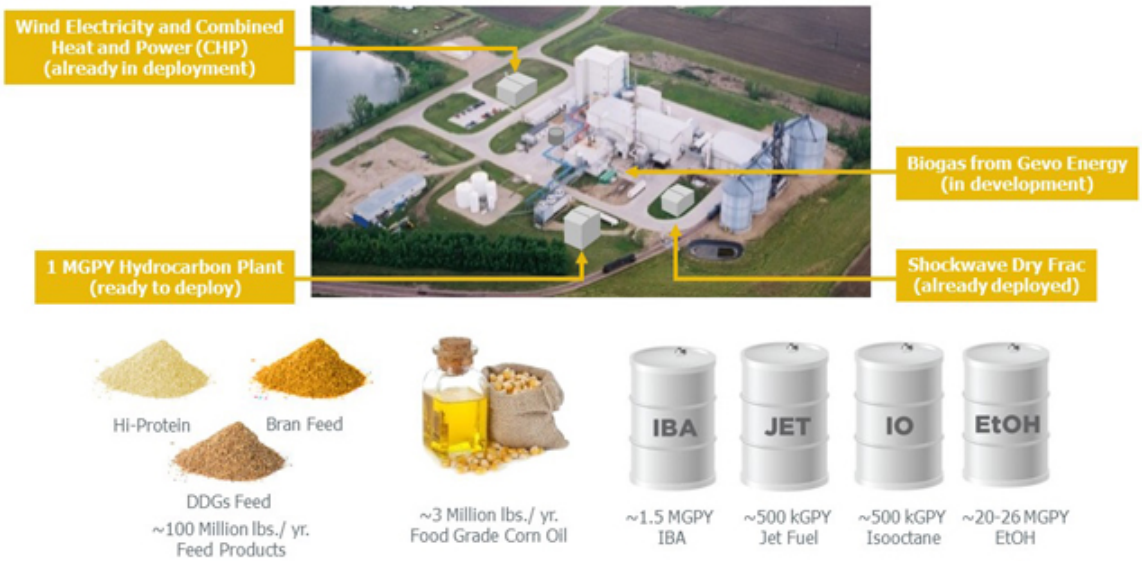
~50KGPY
Isooctane

~ 50KGPY
Jet Fuel

~20 MGPY
EtOH

Approximate Capacities

STEP 1-ROAD MAP TO SCALE: SET UP LUVERNE FOR LOW CARBON ALCOHOL PRODUCTION, ADD 1 MGPY HYDROCARBON CAPACITY TO IMPROVE PROFITABILITY



Hi-Protein

Bran Feed

DDGs Feed

~100 Million lbs./ yr. Feed Products

~3 Million lbs./ yr. Food Grade Corn Oil

~1.5 MGPY IBA

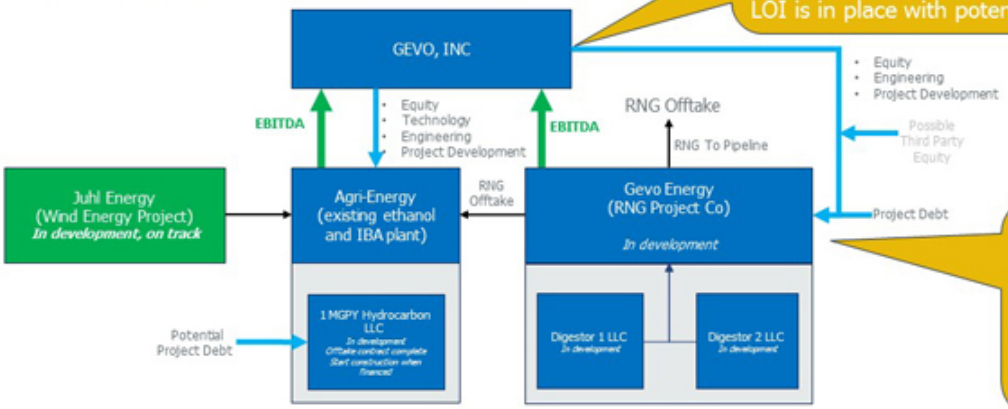
~500 kGPY Jet Fuel

~500 kGPY Isooctane

~20-26 MGPY EtOH

STEP 1: THE PATH TO IMPROVED PROFITABILITY

Potential corporate structure and financing



We are working to raise $40M debt:
Refi of Sr Secured Debt ~$15M
1MGPY Hydrocarbon plant: $16M
Investment in Gevo Energy and other projects: Up to $9M
LOI is in place with potential lender

LOI in place with potential lender for USDA Loan Guarantee: $24M additional debt lenders evaluating the opportunity

Just doing this, the RNG and wind, along with dry frac to make value added feed products, and the 1 MGPY hydrocarbon plant provides a potentially faster route, and more certain route to a) mitigating the burn needed to develop large scale IBA, Jet and Isooctane opportunities, and b) potentially even making Gevo profitable (depending on how it plays out)

STEP 2-ROAD MAP TO SCALE:
BUILD OUT LARGE SCALE IBA AND HYDROCARBONS (JET AND ISOOCTANE)

~200 Million lbs./ yr.
Feed and related products

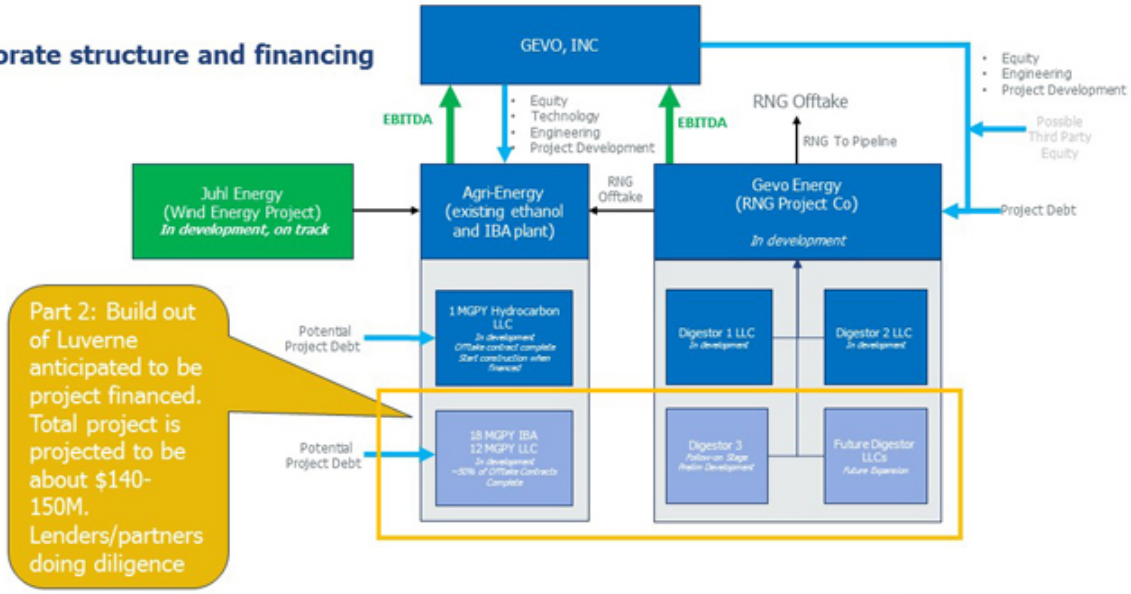
~6 Million lbs./ yr.
Food Grade Corn Oil

~1-3 MGPY IBA | ~8 MGPY Jet Fuel | ~2 MGPY Isooctane | ~20-26 MGPY EtOH

Approximate expected capacities and locations for unit operations are illustrative and based on our current plans which are subject to change.

STEP 2: THE PATH TO LARGE GROWTH

Potential corporate structure and financing



STEP 3: GROW AND LICENSE

BUILD OUT STRATEGIES	
Side-by-Side /Retrofit	• Side-by-Side at Luverne facility validates the model of isobutanol/ethanol co-production • Opportunities exist to completely retrofit and transform underperforming ethanol plants
Greenfields/ Brownfields	• 6 projects in discussion for projects other than Luverne, 2 with MOU's in place

NORTH AMERICAN MARKET	INTERNATIONAL MARKET
Blended business model • Own and operate Luverne facility • Potentially build additional capacity at Luverne facility **Licensing model** • Leverage balance sheets of others	**Licensing model** • Praj and Gevo have complete the Process Design Package for molasses as a feedstock • Currently negotiating licenses Initial target licensees locateo in India

PLAN FOR REVENUE GROWTH[1]

	Step 1 PROJECTED 2021 Value added products and deploy low carbon energy at Luverne plant		Step 2 PROJECTED Earliest could be 2023/2024 Expand Luverne plant to achieve economies of scale for IBA, Jet Fuel, and Isooctane		Step 3 TBD Future large IBA plant with 26 MGPY hydrocarbons	
Product	**Sales**	**Revenue[2] ($MM)**	**Sales**	**Revenue[2] ($MM)**	**Sales**	**Revenue[2] ($MM)**
Ethanol (MGPY)	20-23 MGPY	$35-40	20-26 MGPY	$35-40		
Gevo Energy RNG[5]			400kmmbtu	$20-25	400kmmbtu	$20-25
IBA	300 kGPY	$1-2	2 MGPY	$5-7	5 MGPY	$12-15
Hydrocarbons	1 MGPY[4]	$12-15	10 MGPY	$50-60	26 MGPY	$120-135
Protein, Feed, Food Products, other products	50-70 kt	$15-20	100-130 kt	$15-20	100-130 kt	$15-25
Total	Total	$63-77	Total	$125-152	Total	$167-200
	• Addition of Shockwave Dry Frac • Add wind electricity and RNG for energy		• Add 14-18 MGPY IBA capacity and 10 MGPY hydrocarbon capacity to Luverne		• 40 MGPY IBA capacity with 26 MGPY hydrocarbons	

1. The information on this slide constitutes forward-looking statements as described on slide 2 of this presentation. All revenue and capacity projections are subject to change and based upon current assumptions and expectations. The revenue and capacity projections are subject to a number of assumptions and factors that could cause actual results to differ materially from those depicted on this slide, including our ability to expand our production capabilities to produce products in the capacities depicted on this slide, demand for our products from customers and in some cases entering into binding off-take agreements with customers, or receiving the appropriate financing in the needed amounts and timing.
2. Revenue projections could change depending on a number of known and unknown factors including, but not limited to, the price of oil, the value of renewable carbon, demand for our products and contractual negotiations with our customers.
3. Only if we deploy the 1 MGPY hydrocarbon plant at Luverne, having successfully financed it
4. Only includes the RNG sold to the market, the balance of ~350,000 mmbtu expected to be used in Gevo processes to lower carbon intensity of biofuels. The 400kmmbtu sold as RNG to the market may vary depending upon intercompany need to lower CI.

BUSINESS SUMMARY

The Problem:

- Fossil fuels emit fossil greenhouse gasses (GHGs)
- Companies want to mitigate liability
- Governments want to reduce GHG emissions
- Consumer's care about pollution and want GHGs addressed

The Solution:

- "Decarbonize." Lower the carbon footprint of fuels by replacing the fossil carbon with "green" carbon. Use renewable energy in the production of mainstream liquid fuel products with enhanced properties: Isobutanol (IBA), jet fuel, isooctane for renewable gasoline.
- **Gevo has proven proprietary technology to "decarbonize" IBA, jet fuel and isooctane for renewable gasoline**

Business Strategy:

- Gevo has shown that the technologies work and that products have potential to meet the market needs
- Aggregate the demand of renewable IBA, jet fuel, and hydrocarbons and work to secure financeable off-take that support project financing for the build-out of IBA, jet fuel and isooctane.
- Use low carbon ethanol to improve profitability and establish plant site infrastructure for expansion to make larger scale low carbon IBA, jet fuel and isooctane. With low CI ethanol, we expect to reduce our cash burn (GSA&RD) over the next two years, potentially even becoming profitable on a Cash EBITDA[1] basis, depending on spend needed for IBA and Hydrocarbons.
- Build out IBA, jet, and isooctane, with project financing (currently targeting 30% equity and 70% debt). Luverne production site would be expected to have potential to achieve over $100 M per year revenue and Gevo could become profitable on a Cash EBITDA[1] basis. Establish growth in multiple markets by producing and selling products.
- License technology establishing large production facilities in other regions of the world

1 Cash EBITDA is a non-GAAP measure and is calculated by adding depreciation and non-cash stock compensation to GAAP loss/income from operations.

Thank You