



**Abundant domestic
clean fuel for the
transportation industry.**

BIOF

Blue Biofuels (**OTCQB: BIOF**) is a publicly traded company on the **OTC** with regulated reporting and transparency.

\$33 Million

present valuation
(\$0.10/share, 325 million
shares outstanding)

\$1.9 billion

**Total EBITDA on
first 25-30 MMGPY
capacity
over 20 years**

\$96 Million

**Avg annual EBITDA
projection**
For first 25-30 MMGPY
Cellulose-to-ethanol and
ethanol-to-SAF plant

6.2 billion kg

**Cumulative CO₂ reduction
over 20 years
on 25-30 capacity plant alone**

A Big Problem

Countries are now mandating sustainable aviation fuel for their airlines, but the demand will outpace supply by at least 100x over the next decade, leaving the \$200B+ aviation jet fuel industry reliant on CO2-heavy fuels.

Sustainable Aviation Fuel (SAF) Shortages

<1%

of jet fuel is produced from sustainable sources.



Governments mandate SAF for their airlines.

The Blue Biofuels Solution



Cost efficiency in process and feedstock, which makes our solution economically viable and obtainable;



Feedstock Efficiency: King grass yields up to 4000 gallons of ethanol per acre, simplifying logistics.



Abundantly available feedstock: 500,000 acres of land available in Florida alone.



True clean biofuels, with industry leading carbon reduction of 83%;



Proprietary and patented technology.

SAF Market Opportunity

The global jet fuel market is projected to grow to 150 billion gallons by 2030

Total Addressable
Market

150B

gallons of jet fuel
purchased annually

8.2B gallons projected
to be SAF in 2030

US Domestic
Market Size of
SAF in 2030

2.7B

Expected
Blue Biofuels
Capacity in
2030

100M

Business Model & Go To Market

Direct Sales

\$6–8/gallon SAF

To Airlines & Fuel Blenders,
excluding government credits

Demand growth resulting from

1–5% SAF

Present government
mandates in various countries

10%

SAF Grand Challenge target of
10% of jet fuel to be SAF by 2030

Competitive Overview – Cellulosic Ethanol

Blue Biofuels has limited competition in the cellulosic ethanol space; currently only Raizen in Brazil is successfully producing cellulosic ethanol. Blue Biofuels plans to further convert its cellulosic ethanol to SAF to obtain higher domestic credits and higher profits.

Attribute	Blue Biofuels Frostproof, Florida	Raizen (Brazil)	POET Project LIBERTY Emmetsburg, Iowa	Dupont/VERBIO Nevada, Iowa
Feedstock	King Grass	Sugarcane Bagasse	Corn Stover	Corn Stover
Harvest	Year-round	Year-round	Seasonal harvest	Seasonal harvest
Feedstock, dry tons/acre	35-45	5-6	1 ton per acre	1-4 tons/acre
Feedstock sourcing (25 MMGPY capacity)	5 mile radius 7500 acres	On Site	45 mile radius 285,000 acres	30 mile radius 180,000 acres
Feedstock Cost per Ton, including transportation	\$39/ton	\$38/ton	\$80-100/ton	\$80-100/ton
Conversion Rate	85-92 gallons/dry ton	70-80 gallons/dry ton	~ 70 gallons/dry ton	~ 70 gallons/dry ton
Technology	Patents & Trade Secrets	Patents & Trade Secrets	Patented process & enzymes	Patents & proprietary enzymes and yeast
Operating Costs	\$1.75/gal	\$2.17/gal	Very high	\$3.50-\$4.55/gal
Commercial Scale	Potential for 20 plants in Florida alone	Existing operations in Brazil, and expanding	Failed due to feedstock logistics & high operating costs	Sold to VERBIO; converted to corn ethanol & RNG
Products	Further conversion into SAF for higher credits	Sold as cellulosic ethanol	None	RNG

Competitive Overview – Sustainable Aviation Fuel

Unleashing the Energy in Cellulose Allows for a More Sustainable Future

Attribute	Blue Biofuels Cellulosic SAF	SAF – Used Cooking Oil	SAF – Biomass Oil
Feedstock	King grass	Used cooking oil	Soybeans, Canola
Gallons of SAF/acre	1,500-2,500	N/A	60-130
Potential Domestic Supply	36 billion gallons	500 million gallons	2.5 billion gallons
Current Feedstock cost/gal SAF	\$0.45	\$4.20 - \$6.60	\$5.36 - \$9
Total Production Cost	\$4.90/gallon	\$5.50-\$8.30/gallon	\$6.66- \$10.50/gallon
GHG Reduction	~80–100%	~60%	~50-70%
Renewable credits	D3 RIN + CFPC + LCFS	D4 RIN + CFPC + LCFS	D4 RIN + CFPC + LCFS
Core IP position	Patented & proprietary process	Protected processes vary by producer	Protected processes vary by producer

Another Problem: Lead in 100LL Aviation Gasoline

Demand for 100 Low Lead Avgas (100LL) stems from the piston-engine general aviation fleet's high octane fuel requirement.

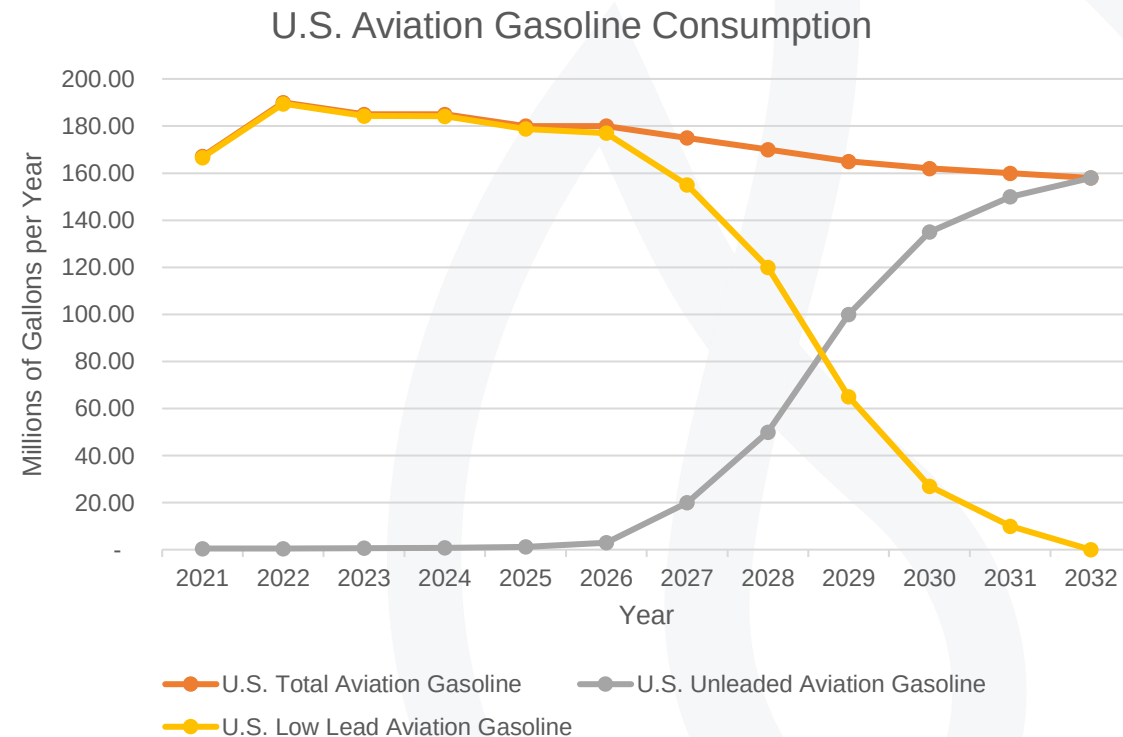
Lead is a poison and air pollutant.

Europe intends to ban 100LL fuel because of its lead content.

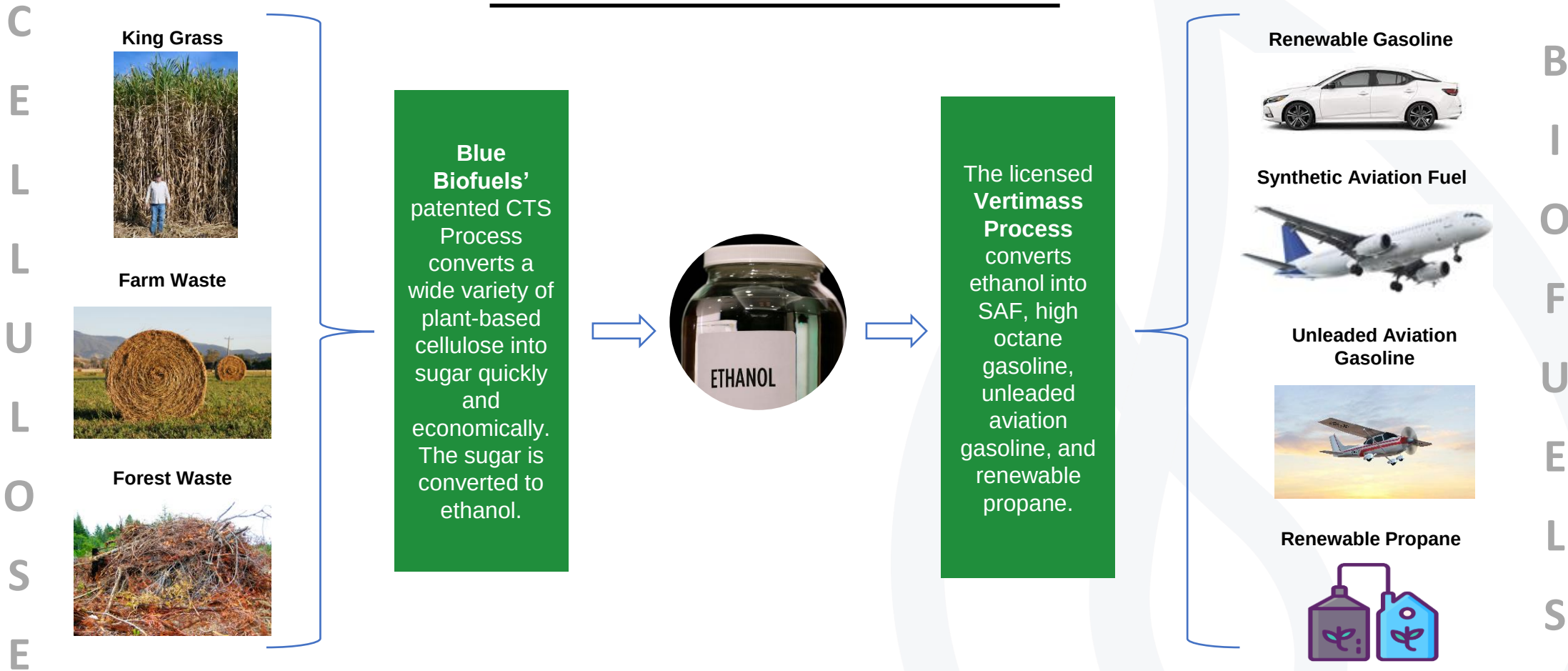
America will follow suit.

Blue Biofuels intends to produce and sell 100UL (unleaded) aviation gasoline to replace it.

Solution: 100UL (unleaded) Aviation Gasoline



Cellulosic Biofuels



Next Steps

Raising **\$20MM** to complete integrated demonstration units and FEL-3 for cellulose-to-ethanol facility and ethanol-to-SAF facility, as prerequisites for USDA loan guarantee funding and derisking the first production facilities: A) a 25 MMGPY cellulose-to-ethanol facility and B) a 60 MMGPY ethanol-to-SAF facility.

Use of Funds

Month 0-6 Funding	Step 1) \$2-3M	\$2M Run IDUs for 120 days	\$500K G & A
Month 6 Funding	Step 2) \$17-18M	\$9M Final Engineering & Design FEL-3 for ethanol-to-SAF facility	\$373K Permits to build facilities
Month 10-30 Funding	Project Financings	\$7.25 M Final Engineering & Design FEL-3 for cellulose-to-ethanol facility	\$1M Uplist to Nasdaq and G & A
		Obtain USDA Section 9003 loan guarantee and Construct ethanol-to-SAF facility	
		Obtain USDA Section 9003 loan guarantee and Construct cellulose-to-ethanol facility	

Key Management Team

Experienced and Diverse Team of Innovators



Ben Slager, MBA

CEO, CHAIRMAN

- Serial entrepreneur, 30+ years developing innovative technical companies in green energy, pharmaceutical, and financial security industries.
- 100+ patents worldwide.
- 3 prior sales to multinationals.



Anthony Santelli, Ph.D.

CFO, BOARD MEMBER

- Serial entrepreneur: various private and micro-cap publicly traded companies in mining, energy, and alternative energy sectors.
- 18 years as money manager

Key Management Team, cont'd

Experienced and Diverse Team of Innovators



Kevin Hissem

ENGINEERING DIRECTOR

- Ex-President of Specialty Fabrication, largest fabrication/machining facility in Southeastern US, specialized in power generation, aerospace, nuclear, DOE, and DOD.
- 11 certifications/licenses and 3 patents.



Eric Libra, Ph.D.

VP OF TECHNOLOGY

- Career spent in process and scale-up technologies in Pharmaceutical and Specialty Chemical fields
- Scaled products from laboratory and pilot to large scale production.
- PhD in Chemistry

Key Management Team, cont'd

Experienced and Diverse Team of Innovators



George Bolton

BOARD MEMBER

- Expert in implementing new technologies in the agriculture industry.
- Managed fertilizer plant, developed/integrated precision farming system.
- International thought leader on agricultural carbon intensity.



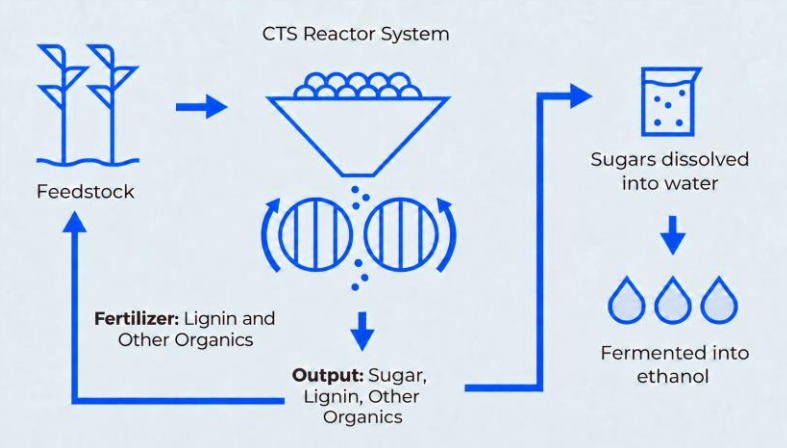
Chris Kneppers

BOARD MEMBER

- Mechanical Engineer with 45 years experience in construction - large civil works, diesel generation, and solar installations.
- Board, ex-Principal MKA International, Inc., multi-disciplined Construction and Engineering Consulting firm.

Traction

Ready for commercialization



Development finalized and ready for commercialization.

Our Patented & Proprietary Cellulose-to-Sugar (CTS) technology to produce biofuels from cellulose and the patented technology that produces SAF from ethanol are fully developed and ready for upscaling and production.



Land for the first production facility is secured.



Deeply experienced team with previous exits.



\$1.35 Million Department of Energy grants secured



Applied for \$149 and \$148 Million loan guarantees from USDA



LOI with Ben Hill Griffin, Inc. to grow king grass for up to 100 MGPY facility



MOU with World Energy Sustainable Products to purchase all quantities of biofuels. Capability to sell to multiple airlines.



Financials – First Plant in Florida

Blue Biofuels plans to become profitable in first year of production

Projections show 25 MMGPY cellulose-to-ethanol and half of 60 MMGPY ethanol-to-SAF

	Y1	Y2	Y3	Y4	Y5	Y6
Revenue	\$0	\$0 MM	\$0 MM	\$137.7 MM	\$254.6 MM	\$259.6 MM
Raw Material Costs	\$0	\$0 MM	\$0 MM	\$27.4 MM	\$50.7 MM	\$51.7 MM
OPEX (not incl raw materials)	\$3.5 MM	\$8.7 MM	\$8.7 MM	\$60.6 MM	\$96.6 MM	\$98.6 MM
CAPEX	\$16.6 MM	\$139.8 MM	\$139.8 MM	\$0 MM*	\$0 MM*	\$0 MM*
EBITDA	(\$3.5 MM)	(\$8.7 MM)	(\$8.7 MM)	\$49.7 MM	\$107.3 MM	\$109.3 MM

ASSUMPTIONS

- ✓ *Y4-6 assumes no Capex expansion; subsequent plants will be built.
- ✓ Market price of ethanol, 100UL aviation gasoline, SAF, and racing fuel
- ✓ Market price of RINs (EPA Renewable Fuel Credit)
- ✓ Clean Fuel Production Credit Carbon Index Score (Inflation Reduction Act)



Forward Looking Statements:

This document contains forward-looking statements. Statements other than statements of historical fact contained in this document may be forward-looking statements, including, without limitation, management's expectations, intentions and beliefs concerning the results of operations, performance, business prospects, and opportunities of Blue Biofuels, Inc., the general economy, the future financial position or results of Blue Biofuels, Inc., business strategy, growth opportunities, and plans and objectives of Blue Biofuels, Inc.. Prospective investors can identify many of these statements by looking for words such as "believe", "expects", "will", "intends", "projects", "anticipates", "estimates", "continues" or similar words or the negative thereof. There can be no assurance that the plans, intentions or expectations upon which these forward-looking statements are based will occur. Forward-looking statements are subject to risks, uncertainties and assumptions and should not be read as guarantees or assurances of future performance. Accordingly, prospective investors are cautioned not to place undue reliance on any forward-looking information contained in this document.

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Some of the factors that could affect future results and could cause results to differ materially from those expressed in the forward-looking statements contained herein include: reliance on key personnel, general economic conditions, Blue Biofuels, Inc. limited operating history, industry conditions and trends, volatility of commodity prices, the lack of availability and cost of raw materials, uncertainty of future contractual terms, failure to secure patents or to maintain exclusive licenses, currency fluctuations, environmental risks, competition from other industry participants, the lack of availability of qualified personnel or management, and ability to access sufficient capital from internal and external sources. The information contained in this document may identify additional factors that could affect the operating results and performance of Blue Biofuels, Inc.

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